Appendix A

Arborist Report

3199 Alvarado Street Warehouse Development

Tree Survey Report

San Leandro, Alameda County, California





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List of Preparers

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List of Acronyms

DBH	Diameter at breast height
GPS	Geographical Positioning System
ISA	International Society of Arboriculture
WRA	WRA, Inc.

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1.0 INTRODUCTION

On January 13, 2025, WRA, Inc. (WRA) conducted an arborist survey at the site of the proposed 3199 Alvarado Street Warehouse Development Project (Project), located at 3199 Alvarado Street, San Leandro, Alameda County, California (Study Area). The survey was conducted by ISA-Certified Arborist, Carla Angulo (ISA #WE-13537A) for the purpose of identifying and documenting the presence of all trees six inches and greater as required by Section Z4.16.112 "Existing Trees on Development Sites" of the City of San Leandro Municipal Code within the Study Area. This survey was conducted in direct response to the City's requirement for a qualified arborist to map, measure and quantify all trees greater than or equal to six inches diameter at breast height (DBH; as measured 4.5 feet above grade) within the Study Area.

GPS locations for all the protected trees surveyed within the Study Area and information regarding the species, size in DBH, estimated crown radius, estimated height, and health, condition, and structure ratings were collected and are included in this report. A table with all the relevant information pertaining to surveyed trees is provided in Appendix A. A tree survey location map is provided in Appendix B. Representative photographs are provided in Appendix C.

1.1 Study Area Description

The site of the proposed Project is approximately 14.69 acres and consists of a vacant parking lot and an existing building with associated parking. Ornamental trees and native trees, including street trees are present within parking medians and along the perimeter of the Study Area. The proposed Project includes the redevelopment of the existing structure and development of new parking areas.

1.2 Regulatory Background

1.2.1 City of San Leandro Tree Ordinance

The City of San Leandro recognizes the importance of landscaping and the improved quality of the environment when there is maintenance and management of the landscape within the city. Chapter Z4.16 "Landscape Requirements" enforces the landscaping codes in installation and maintenance by specifically requiring all development proposals to include all trees 6 inches or greater and their driplines within site plans and the grading limits. Section Z4.16.112 requires the development permits to include a site plan that shows all trees as described previously and a condition of approval may include an arborist report by a certified arborist. In addition, they require a plan to preserve or replace any trees which are of significance. The code defines significant as any tree which has significant size, age, prominence in the neighborhood's landscape and habitat value. Preservation and replacement of trees are to follow Section Z4.16.124.

2.0 METHODS

On January 13, 2025, the Study Area was traversed on foot to inventory all trees as defined per the City of San Leandro. WRA's ISA-Certified Arborist surveyed the area and recorded relevant tree information for each surveyed tree including species, DBH, estimated crown radius, estimated height, and health, condition and structure ratings.

2.1 Tree Inventory

Locations of trees within the Study Area were recorded using a handheld GPS unit with sub-meter accuracy. Each tree was given a unique identification number and are included in Appendix A.

DBH was calculated for surveyed trees by measuring the trunk diameter at 4.5 ft. above grade. DBH for multi-trunked trees was calculated by measuring each individual trunk and calculating the total sum of trunk diameters. In cases where multi-trunked trees had more than five main trunks, only the five largest trunks were measured. In cases where an irregular buttress or bulge occurred at two feet above ground or DBH, measurements were taken above or below the irregular feature to best represent the size of the tree. In cases where cape ivy was covering the truck of the tree, DBH was estimated.

2.2 Tree Assessment

General notes on the condition of trees were taken, including health, structure, and overall condition. Assessment of the health, structure, and overall condition of each tree was conducted according to the narratives listed in Table 1.

Table 1. Rating Narratives for Tree Assessment

	HEALTH	STRUCTURE	GENERAL CONDITION
Good	Tree is free from symptoms of disease and stress.	Tree is free from major structural defects.	Tree shows condition of foliage, bark, and overall structure characteristic of the species and lacking obvious defect, or disease.
Fair	Tree shows some symptoms of disease or stress including twig and small branch dieback, evidence of fungal / parasitic infection, thinning of crown, or poor leaf color.	Tree shows some structural defects in branches but overall structure is stable.	Tree shows condition of foliage, bark, and overall structure characteristic of the species with some evidence of stress, defect, or disease.
Poor	Tree shows symptoms of severe decline.	Tree shows structural failure of a major branch or co-dominant trunk.	Tree shows condition of foliage, bark, and overall structure uncharacteristic of the species with obvious evidence of stress, defect, or disease.

2.3 Tree Impact Assessment and Mitigation Requirements

Proposed impacts to all trees were analyzed by comparing tree survey data with the Project's Demolition Plan and Landscape Plan (Ware Malcomb 2024) which depicted all tree removals and

preserved trees outside of limits of grade and associated recommended tree protection fencing. Potential tree impacts that may require a permit from the City of San Leandro include removal or encroachment into the dripline of any tree.

In addition, to the typical comparison of demolition and overall site plans, the impacts of the construction activities were tabulated in Appendix A using the suitability for preservation rating factors and scales described in Table 2.

Table 2. Suitability for Preservation Factors and Ratings

FACTORS/RATING	DEFINITION
Tree Health	Vigorous and healthy trees are better able to tolerate construction impacts including root loss injury.
Structural Condition	Preserved trees should be structurally sound or have defects that can be effectively abated in areas near structures or high use areas.
Tree Age and Species	Older trees may have reduced ability to tolerate construction impacts and adapt to changed site conditions. Individual tree species have varying tolerances to environmental impacts and stressors.
Good	Trees in good health and structural condition with high potential for longevity.
Moderate	Trees in fair health and/or with structural defects that may be abated with management procedures. Trees in this category require more intense management and monitoring and may have shorter life spans.
Poor	Trees in poor health and/or structural condition that cannot be effectively abated with treatment. These trees have a high risk of decline or structural failure regardless of management. Included in this category are trees that are undesirable in a landscape setting or inappropriate for high use areas.

As described above, tree replacement is typically required by the City for tree removals associated with development projects. The replacement requirements for tree removals can be as described in Section Z4.16.116 (C.3) which is as follows:

a. *Minimum Number of Trees. A minimum of one tree for every six parking spaces shall be distributed throughout the parking lot.*
b. *Trees to Provide Shade at Maturity. Trees with a canopy or spreading branch structure shall be specified, and trees shall generally have consistent spacing to substantially shade the parking area at maturity.*

Protected trees are required to have best management practices outlines in the site plans and depicted in a figure. The tree protection map and tree replacement planting plan are attached in Appendix B.

3.0 RESULTS

3.1 Tree Inventory

Thirty-three (33) trees were identified within the Study Area. A complete list of all surveyed trees is presented in Appendix A. The GPS locations of surveyed trees are shown in Appendix B. Trees present within the Study Area included coast live oak (*Quercus agrifolia*), bay laurel (*Laurus nobilis*), Modesto ash (*Fraxinus velutina*), sweetgum (*Liquidambar styraciflua*), fig (*Ficus carica*), Victorian box (*Pittosporum undulatum*), mousehole tree (*Myoporum laetum*), Blackwood acacia (*Acacia melanoxylon*), *Prunus* spp, and a dead unknown tree. Eleven of the 33 are street trees and all sweetgums which are under powerlines. The remaining 21 are ornamental landscape trees planted within parking medians and parking curbs. Only one coast live oak is maintained, perhaps due to the residential house it borders.

3.2 Tree Assessment

The condition, health, and structure of trees inventoried during this assessment ranged from poor to good, with most trees ranking fair in health, structure, and general condition. The majority of trees surveyed within the Study Area ranked fair in general condition, health, and structure with most trees displaying only minimal signs of maladies or decline in vigor. Eight trees ranked poor in condition, including one heritage coast redwood tree #414, which exhibited codominant trunks with one or more leaning trunk, and a dead top on the main trunk. General maladies observed that lead to the health and condition rankings given below included leaning codominant trunks, minor to significant decay/dieback, suppressed and leaning growth forms, and twig and leaf galls. Table 2 below summarizes the assessment results for all heritage trees surveyed.

Table 3. Tree Assessment Results Summary

CRITERIA ASSESSED/RATING	CONDITION	HEALTH	STRUCTURE
Good	12 (38%)	17 (53%)	14 (44%)
Fair	16 (5%)	10 (31%)	14 (44%)
Poor	4 (13%)	5 (16%)	4 (13%)

Of the 33 trees there are 14 which have the potential to be preserved and are suitable to remain on site. They have good health and structure with conditions in either fair or good state. The work will be impacting root zones that are under existing pavement or within planters and trimming canopies that are not regularly maintained. The street trees (13-22, and 33) are under power lines and have been trimmed by utilities for avoidance of the power lines for several years. The integrity of their structure is not compromised solely by the pruning, however, the cape ivy that is beginning to climb and cover the majority of the trunks can be suffocating the trees. The visibility of the impacts are not clearly visible, however, they should be considered. The trees within the parking area (1-9) within the medians are not irrigated and have been experiencing impacts from the drought. The trees along the southwestern quadrant of the Study Area (23-31) are all within a planting median which has been allowing root structure to grow well and the coast live oaks are

in very good condition to withstand construction. The invasive acacia (32) bordering the is not doing well and is surrounded by saplings.

3.3 Tree Impact Assessment and Mitigation Summary

There are 23 trees which are to be removed by the development and 10 street trees which are to be protected in place. Trees expected to be removed are ornamental landscape trees which were planted in previous development within parking medians. The species include bay laurel, fig, coast live oak, eucalyptus, a volunteer ash tree, an overgrown Victorian box, blackwood acacia, sweetgum and *Prunus* spp. Representative photographs of trees to be removed in Appendix C.

As per the tree replacement requirements, for each six parking stalls one tree must be planted. Based on the site plans there are approximately 210 stalls, therefore 35 trees are expected to be planted within the Study Area, however, there are 143 trees proposed to be planted, including 47 native *Quercus* species. The proposed Preliminary Landscape Plans will provide 5:1 mitigation replacement for each removed tree (RW Stover & Associates, Inc. 2024). This meets standard mitigation replacements for native oaks and exceeds standard replacement tree mitigation for native trees. The replacement quantities estimated based on Section Z4.16.116 (C.3) is 35, the replacement quantities recommended per tree are listed in Appendix A. The replacement placement of the trees is outlined in the Preliminary Landscape Plans (RW Stover & Associates, Inc. 2024). All planting locations outlined in the Preliminary Landscape Plans are areas where replanting is recommended as they are located along the perimeter and within the parking medians which should be supplemented and of sufficient square footage to allow for growth of the planted trees. Removal of existing trees and replanting will need to adhere to the protections to the trees which are to remain on site. The section below explains in further detail.

4.0 TREE PROTECTION PLAN

The following relevant tree protection measures during construction may be required as a condition of approval.

1. Before the start of any clearing, excavation, construction or other work on the site, every protected tree shall be securely fenced off at the dripline. Such fences shall remain continuously in place for the duration of all construction work.

2. Tree protection fences are to be temporary chain link fence or orange construction fencing on posts that are 6 feet tall and 6 feet apart.

3. No construction work shall encroach within the dripline of a protected tree.

4. No change in existing ground level shall be made within the drip line of a protected tree. No burning or use of equipment with an open flame shall occur near or within the protected perimeter. All brush, earth and other debris shall be removed in a manner which prevents injury to the protected tree.

5. No oil, gas, chemicals or other substances that may be harmful to trees shall be stored or dumped within the dripline of any protected tree, or at any other location on the site from which such substances might enter the dripline of a protected tree. No construction materials shall be stored within the dripline of a protected tree.

6. Underground trenching for utilities shall avoid major support and absorbing tree roots of protected trees. If avoidance is impractical, tunnels shall be made below the roots. Trenches shall be consolidated to service as many units as possible. Trenching within the drip line of protected trees shall be avoided to the greatest extent possible and shall only be done under the on-site direction of a Certified Arborist.

7. No concrete or asphalt paving shall be placed over the root zones of protected trees.

8. No artificial irrigation shall occur within the root zone of oaks.

9. No compaction of the soil within the root zone of protected trees shall occur.

5.0 SUMMARY AND RECOMMENDATIONS

Thirty-three (33) trees were identified within the Study Area. A complete list of all trees surveyed is presented in Appendix A. The GPS locations of surveyed heritage trees are shown in Appendix B. Protected trees which are to be mitigated for are 23 including seven (7) coast live oaks and two street trees.

A tree removal permit will be required for any alteration, removal, or relocation of protected trees. The City of San Leandro may require replacement plantings as part of Section Z4.16.112 to mitigate for the loss of functions provided by trees that are removed. Therefore, a minimum of 35 trees are expected to be planted within the Project Site to compensate for the removal of 23 trees. Since that is the common planting ratio per 6 parking stalls. However, as described above, the Project is proposing to plant a total of 143 replacement trees of seven different ornamental species and cultivars. This amounts to a surplus of 108 trees to be planted associated with the Project. The recommended areas for replacement trees to be planted are along the perimeter of the Study Area and within the parking medians as outlined by the Project's Landscape Plans.

6.0 REFERENCES

City of San Leandro	City of San Leandro. 2024. Zoning Code. Title Z4 Regulations Applying in All or Several Districts. Chapter Z4-16 Landscape Requirements. https://ecode360.com/44061874
Google Earth 2024	Google Earth. 2024. Aerial Photography 1993-2024.
RW Stover & Associates, Inc. 2024	RW Stover & Associates, Inc. 2024. Preliminary Landscape Plans 3199 Alvarado Street, San Leandro, California.
Ware and Malcomb 2024	Ware and Malcomb. 2024. 3199 Alvarado Street, San Leandro, California. Civil Plans.

APPENDIX A. TREE SURVEY TABLE

Appendix A. Tree Survey Inventory, Assessment and Impacts

Tag ID	Common Name	Scientific Name	DBH_1	DBH_2	DBH_3	DBH_4	DBH_5	Total DBH	Multistem	Dripline Radius_1 (ft)	Dripline Radius_2 (ft)	Height	Condition	Health	Structure	Suitability for Preservation	Comments	Tree Impacts	Measures	Replacement Trees
1	Bay laurel	Laurus nobilis	7.4	5.7	5	5	6	23.4	yes	10	15	25	Fair	Fair	Fair	Moderate		Remove	None	1
2	Bay laurel	Laurus nobilis	9	6	7	10	7	39	yes	10	11	25	Fair	Fair	Fair	Moderate		Remove	None	1
3	Bay laurel	Laurus nobilis	7					7	No	8	10	18	Poor	Poor	Poor	Poor	Split wood, minor branch failures	Remove	None	1
4	Bay laurel	Laurus nobilis	7.4					7.4	No	7	8	15	Poor	Poor	Poor	Poor	Split wood, major dieback	Remove	None	1
5	Bay laurel	Laurus nobilis	13.7					13.7	No	10	13	25	Good	Poor	Fair	Moderate	By fire hydrant, minor dieback	Remove	None	1
6	Bay laurel	Laurus nobilis	7.7					7.7	No	8	4	25	Poor	Poor	Poor	Poor	major dieback	Remove	None	1
7	Fig	Ficus carica	3	3	3			6	Yes	13	6	12	Good	Good	Good	Good		Remove	None	1
8	Sweetgum	Liquidambar styraciflua	16					16	No	20	15	50	Fair	Good	Good	Good		Remove	None	1
9	Sweetgum	Liquidambar styraciflua	15.5					15.5	No	15	12	50	Fair	Good	Good	Good		Remove	None	1
10	Narrow-leaved peppermint	Ecualuptus radiata	19.7	15				34.7	yes	15	20	35	Fair	Good	Good	Good		Remove	None	1
11	Modesto ash	Fraxinus velutina	7	5	3			15	Yes	10	5	16	Fair	Fair	Good	Moderate		Remove	None	1
12	Victorian box	Pittiosporum undulatum	4	4	4	5		17	Yes	7	6	16	Good	Good	Good	Good		Remove	None	1
13	Sweetgum	Liquidambar styraciflua	33					33	No	20	22	55	Good	Good	Good	Good		Remove	None	1
14	Sweetgum	Liquidambar styraciflua	32					32	No	20	22	55	Good	Fair	Fair	Moderate	Covered in ivy, dbh estimated	Remove	None	1
15	Sweetgum	Liquidambar styraciflua	32					32	No	20	22	55	Fair	Fair	Fair	Moderate	Covered in ivy, dbh estimated	Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	
16	Sweetgum	Liquidambar styraciflua	22					22	No	20	15	55	Fair	Good	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	
17	Sweetgum	Liquidambar styraciflua	15	14	11			40	Yes	20	15	55	Fair	Good	Fair	Moderate		Remove	None	1
18	Sweetgum	Liquidambar styraciflua	23					23	No	20	15	55	Fair	Good	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	
19	Sweetgum	Liquidambar styraciflua	16	12	7	9	7	51	Yes	20	15	55	Fair	Good	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	1
20	Sweetgum	Liquidambar styraciflua	20	18	14			52	Yes	25	27	55	Fair	Good	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	1
21	Sweetgum	Liquidambar styraciflua	20					20	No	20	15	55	Fair	Fair	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	
22	Sweetgum	Liquidambar styraciflua	18					18	No	10	15	50	Fair	Fair	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	
23	Coast live oak	Quercus agrifolia	9	4				13	Yes	14	6	30	Good	Good	Good	Good		Remove	None	5
24	Coast live oak	Quercus agrifolia	5	4	3	3		15	Yes	3	3	20	Good	Good	Good	Good		Remove	None	3
25	Coast live oak	Quercus agrifolia		16	3	3		22	Yes	8	13	34	Good	Good	Good	Good		Remove	None	10
26	Unknown	Unknown	10					10	No	0	0	25	Dead	Dead	Dead	Poor	Completely covered in cape ivy, possibly a quercus sp, not identifiable, dbh estimated	Remove	None	1
27	Coast live oak	Quercus agrifolia	13					13	No	13	9	40	Good	Good	Good	Good		Remove	None	10
28	Coast live oak	Quercus agrifolia	10.8					10.8	No	13	10	35	Good	Good	Good	Good		Remove	None	10
29	Mousehole tree	Myoporum laetum	9	9	9			27	Yes	12	6	30	Good	Fair	Good	Good	unknown biotic disorder	Remove	None	5
30	Coast live oak	Quercus agrifolia	18	11				29	Yes	25	4	45	Good	Fair	Good	Good		Remove	None	5
31	Prunus spp.	Prunus spp.	5	4	5			14	Yes	12	5	20	Fair	Fair	Fair	Moderate		Retain	None	1
32	Blackwood acacia	Acacia melanoxylon	7	6	5	5		23	Yes	9	2	30	Fair	Good	Fair	Moderate		Remove	None	1
33	Sweetgum	Liquidambar styraciflua	20					20	No	13	11	40	Fair	Good	Fair	Moderate		Retain	Place tree protection fence along dripline plus 1 foot; add waddle wrapping to protect tree trunk	1

APPENDIX B. TREE SURVEY MAP

Study Area (14.69 ac.)
Drip Line (0.36 ac.)

Survey Tree Species

- Bay Laurel
- Blackwood Acacia
- Coast Live Oak
- Fig
- Modesto Ash
- Narrow Leafed Eucalyptus
- Prunus sp.
- Sweetgum
- Unknown
- Victorian Box

Alvarado St
Teagarden St
Washington Ave
Bradley St
Butler Ave
Figueroa Dr
880

Path: L:\Acad 2000 Files\340000\340508\GIS\ArcMap_Pro\340508dse.aprx Layout Name: FigX_Tree Survey Results

Sources USDA NAIP Imagery 2022, WRA | Prepared By: njander, 1/29/2025

Figure 1. Tree Survey Map

3199 Alvarado Street, San Leandro
Alameda County California

0 50 100 Feet

N

wra Environmental Consultants



Path: L:\Acad 2000 Files\340000\340508\GIS\ArcMap_Pro\340508Base.aprx Layout Name: FigX_Tree Impacts

Sources: USDA NAIP Imagery 2022, WRA | Prepared By: njander, 1/28/2025

Figure 2. Tree Impacts

3199 Alvarado Street, San Leandro
Alameda County California

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APPENDIX C. REPRESENTATIVE PHOTOGRAPHS



Photo 1. Bay laurel ornamental tree within parking median.

Appendix B

California Emissions Estimator Model Results

3199 Alvarado Street Project Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	3199 Alvarado Street Project
Construction Start Date	9/1/2026
Operational Year	2028
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30000
Precipitation (days)	27.6000
Location	3199 Alvarado St, San Leandro, CA 94578, USA
County	Alameda
City	San Leandro
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1424
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.41

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	241.490	1000sqft	5.54385	241,490	0.00000	—	—	—

Parking Lot	97.2300	1000sqft	2.23209	0.00000	0.00000	—	—	—
Other Asphalt Surfaces	202.960	1000sqft	4.65932	0.00000	0.00000	—	—	—
Other Non-Asphalt Surfaces	107.360	1000sqft	2.46465	0.00000	107,361	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	117.225	114.167	109.484	270.825	0.25004	5.69493	3.72428	9.41920	4.94709	0.65724	5.60433	—	26,410.2	26,410.2	1.08192	0.35969	5.53044	26,549.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	117.211	114.153	109.634	270.399	0.25004	5.69493	10.8995	14.4504	4.94709	4.48725	7.74346	—	26,350.7	26,350.7	1.08529	0.58130	0.18868	26,486.1
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	29.2938	28.4677	72.0546	93.6335	0.19563	2.31379	1.79626	4.11005	2.12873	0.58878	2.71751	—	20,435.6	20,435.6	0.81963	0.33308	2.15497	20,557.5
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.34613	5.19536	13.1500	17.0881	0.03570	0.42227	0.32782	0.75008	0.38849	0.10745	0.49595	—	3,383.34	3,383.34	0.13570	0.05515	0.35678	3,403.52

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	117.225	114.167	109.484	270.825	0.25004	5.69493	3.72428	9.41920	4.94709	0.65724	5.60433	—	26,410.2	26,410.2	1.08192	0.35969	4.79840	26,549.3
2027	11.0336	9.19216	77.3634	100.900	0.20717	2.36972	1.13141	3.50113	2.18137	0.27747	2.45885	—	21,399.0	21,399.0	0.84841	0.35230	5.53044	21,530.7
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	117.211	114.153	109.634	270.399	0.25004	5.69493	3.72428	9.41920	4.94709	0.65724	5.60433	—	26,350.7	26,350.7	1.08529	0.45024	0.17103	26,486.1
2027	13.4055	11.1517	93.0590	112.550	0.22466	3.55093	10.8995	14.4504	3.25621	4.48725	7.74346	—	24,871.0	24,871.0	1.02961	0.58130	0.18868	25,070.2
2028	59.4051	59.2555	38.9590	58.4239	0.13856	1.38961	0.46875	1.85836	1.27850	0.11046	1.38897	—	15,068.4	15,068.4	0.60405	0.14488	0.03921	15,126.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	29.2938	28.4677	29.6969	70.2959	0.06909	1.48809	0.99665	2.48474	1.29611	0.18237	1.47847	—	7,334.56	7,334.56	0.30312	0.12556	0.74477	7,380.30
2027	10.3129	8.59966	72.0546	93.6335	0.19563	2.31379	1.79626	4.11005	2.12873	0.58878	2.71751	—	20,435.6	20,435.6	0.81963	0.33308	2.15497	20,557.5
2028	7.76010	7.67417	3.88330	5.27469	0.01213	0.12488	0.05437	0.17925	0.11489	0.01277	0.12766	—	1,304.60	1,304.60	0.05190	0.01282	0.07578	1,309.79
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.34613	5.19536	5.41969	12.8290	0.01261	0.27158	0.18189	0.45347	0.23654	0.03328	0.26982	—	1,214.32	1,214.32	0.05019	0.02079	0.12330	1,221.89
2027	1.88210	1.56944	13.1500	17.0881	0.03570	0.42227	0.32782	0.75008	0.38849	0.10745	0.49595	—	3,383.34	3,383.34	0.13570	0.05515	0.35678	3,403.52
2028	1.41622	1.40054	0.70870	0.96263	0.00221	0.02279	0.00992	0.03271	0.02097	0.00233	0.02330	—	215.991	215.991	0.00859	0.00212	0.01255	216.851

2.2.2. Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2026	116.782	113.823	107.828	266.424	0.24411	5.68139	2.69669	8.37807	4.93732	0.40836	5.34568	—	24,749.6	24,749.6	1.00430	0.20086	0.00000	24,834.6
2027	10.6306	8.86750	75.9259	96.9223	0.19947	2.35432	0.00000	2.35432	2.16597	0.00000	2.16597	—	19,486.1	19,486.1	0.79044	0.15809	0.00000	19,553.0
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	116.782	113.823	107.828	266.424	0.24411	5.68139	2.69669	8.37807	4.93732	0.40836	5.34568	—	24,749.6	24,749.6	1.00430	0.20086	0.00000	24,834.6
2027	12.9669	10.8710	89.9316	108.801	0.20860	3.50598	9.53503	13.0410	3.22550	4.14207	7.36758	—	21,864.1	21,864.1	0.88690	0.17738	0.00000	21,939.1
2028	59.3436	59.2011	38.7763	56.8542	0.13819	1.38887	0.00000	1.38887	1.27776	0.00000	1.27776	—	14,600.3	14,600.3	0.59225	0.11845	0.00000	14,650.4
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	29.1612	28.3713	29.0180	69.1336	0.06631	1.48106	0.66556	2.14662	1.29117	0.10079	1.39196	—	6,713.72	6,713.72	0.27242	0.05448	0.00000	6,736.76
2027	9.95802	8.32099	70.6487	90.4625	0.18855	2.29857	0.78370	3.08228	2.11469	0.34044	2.45513	—	18,731.3	18,731.3	0.75982	0.15196	0.00000	18,795.6
2028	7.74024	7.65657	3.86465	5.09372	0.01210	0.12482	0.00000	0.12482	0.11484	0.00000	0.11484	—	1,250.63	1,250.63	0.05073	0.01015	0.00000	1,254.92
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	5.32192	5.17777	5.29579	12.6169	0.01210	0.27029	0.12147	0.39176	0.23564	0.01839	0.25403	—	1,111.53	1,111.53	0.04510	0.00902	0.00000	1,115.35
2027	1.81734	1.51858	12.8934	16.5094	0.03441	0.41949	0.14303	0.56252	0.38593	0.06213	0.44806	—	3,101.18	3,101.18	0.12580	0.02516	0.00000	3,111.82
2028	1.41259	1.39732	0.70530	0.92960	0.00221	0.02278	0.00000	0.02278	0.02096	0.00000	0.02096	—	207.056	207.056	0.00840	0.00168	0.00000	207.766

2.2.3. Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.44222	0.34421	1.65582	4.40081	0.00593	0.01354	1.02759	1.04113	0.00977	0.24889	0.25865	—	1,660.61	1,660.61	0.07762	0.15883	4.79840	1,714.68
2027	0.40300	0.32467	1.43747	3.97726	0.00770	0.01540	1.13141	1.14681	0.01540	0.27747	0.29287	—	1,912.82	1,912.82	0.05797	0.19421	5.53044	1,977.67
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.42881	0.32978	3.12970	3.97546	0.01607	0.04495	1.02759	1.05806	0.03071	0.26283	0.29353	—	2,735.92	2,735.92	0.13428	0.38992	0.17103	2,855.64
2027	0.43859	0.31389	3.12747	3.74929	0.01607	0.04495	1.36444	1.40938	0.03071	0.34518	0.37588	—	3,006.90	3,006.90	0.14271	0.40392	0.18868	3,131.03

2028	0.17000	0.14914	0.18267	1.56974	0.00037	0.00074	0.46875	0.46949	0.00074	0.11046	0.11120	—	468.114	468.114	0.01180	0.02643	0.03921	476.323
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.13263	0.09639	0.67890	1.16232	0.00278	0.00703	0.33109	0.33813	0.00493	0.08158	0.08651	—	620.844	620.844	0.03070	0.07107	0.74477	643.535
2027	0.35486	0.27867	1.40589	3.17106	0.00708	0.01521	1.01256	1.02777	0.01404	0.24833	0.26238	—	1,704.26	1,704.26	0.05980	0.18112	2.15497	1,761.88
2028	0.01986	0.01760	0.01865	0.18096	0.00003	0.00005	0.05437	0.05443	0.00005	0.01277	0.01283	—	53.9688	53.9688	0.00117	0.00267	0.07578	54.8702
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.02420	0.01759	0.12390	0.21212	0.00051	0.00128	0.06042	0.06171	0.00090	0.01489	0.01579	—	102.788	102.788	0.00508	0.01177	0.12330	106.545
2027	0.06476	0.05086	0.25657	0.57872	0.00129	0.00278	0.18479	0.18757	0.00256	0.04532	0.04788	—	282.160	282.160	0.00990	0.02999	0.35678	291.700
2028	0.00363	0.00321	0.00340	0.03303	0.00001	0.00001	0.00992	0.00993	0.00001	0.00233	0.00234	—	8.93515	8.93515	0.00019	0.00044	0.01255	9.08438

2.3. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.20522	8.93964	1.42032	20.8790	0.02970	0.06110	2.54334	2.60444	0.05548	0.64481	0.70029	229.351	4,813.51	5,042.86	23.6039	0.41096	7.94451	5,763.37
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	7.29274	7.16559	1.49667	9.93201	0.02754	0.04245	2.54334	2.58579	0.04139	0.64481	0.68620	229.351	4,615.64	4,844.99	23.6165	0.42115	0.20599	5,561.11
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.19621	8.00069	1.47577	14.7364	0.02798	0.05165	2.49822	2.54987	0.04834	0.63353	0.68187	229.351	4,650.11	4,879.46	23.6113	0.41720	3.43038	5,597.50
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.49581	1.46013	0.26933	2.68939	0.00511	0.00943	0.45593	0.46535	0.00882	0.11562	0.12444	37.9716	769.878	807.850	3.90912	0.06907	0.56794	926.729

2.4. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.37720	1.27450	0.99114	10.0898	0.02703	0.01654	2.54334	2.55988	0.01547	0.64481	0.66029	—	2,758.61	2,758.61	0.10629	0.11764	7.94451	2,804.27
Area	7.79054	7.64639	0.08837	10.5029	0.00063	0.01866	—	0.01866	0.01410	—	0.01410	—	43.1897	43.1897	0.00181	0.00037	—	43.3454
Energy	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	1,806.24	1,806.24	0.26241	0.02821	—	1,821.21
Water	—	—	—	—	—	—	—	—	—	—	—	107.011	205.467	312.479	11.0060	0.26474	—	666.522
Waste	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Total	9.20522	8.93964	1.42032	20.8790	0.02970	0.06110	2.54334	2.60444	0.05548	0.64481	0.70029	229.351	4,813.51	5,042.86	23.6039	0.41096	7.94451	5,763.37
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.33407	1.22566	1.15586	9.64572	0.02550	0.01655	2.54334	2.55989	0.01549	0.64481	0.66030	—	2,603.93	2,603.93	0.12063	0.12820	0.20599	2,645.36
Area	5.92118	5.92118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	1,806.24	1,806.24	0.26241	0.02821	—	1,821.21
Water	—	—	—	—	—	—	—	—	—	—	—	107.011	205.467	312.479	11.0060	0.26474	—	666.522
Waste	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Total	7.29274	7.16559	1.49667	9.93201	0.02754	0.04245	2.54334	2.58579	0.04139	0.64481	0.68620	229.351	4,615.64	4,844.99	23.6165	0.42115	0.20599	5,561.11
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.31566	1.20998	1.09137	9.27061	0.02563	0.01655	2.49822	2.51477	0.01548	0.63353	0.64901	—	2,617.10	2,617.10	0.11457	0.12407	3.43038	2,660.37
Area	6.84306	6.77197	0.04358	5.17950	0.00031	0.00920	—	0.00920	0.00695	—	0.00695	—	21.2990	21.2990	0.00089	0.00018	—	21.3758
Energy	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	1,806.24	1,806.24	0.26241	0.02821	—	1,821.21
Water	—	—	—	—	—	—	—	—	—	—	—	107.011	205.467	312.479	11.0060	0.26474	—	666.522
Waste	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Total	8.19621	8.00069	1.47577	14.7364	0.02798	0.05165	2.49822	2.54987	0.04834	0.63353	0.68187	229.351	4,650.11	4,879.46	23.6113	0.41720	3.43038	5,597.50
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	0.24011	0.22082	0.19918	1.69189	0.00468	0.00302	0.45593	0.45895	0.00282	0.11562	0.11844	—	433.291	433.291	0.01897	0.02054	0.56794	440.455
Area	1.24886	1.23588	0.00795	0.94526	0.00006	0.00168	—	0.00168	0.00127	—	0.00127	—	3.52630	3.52630	0.00015	0.00003	—	3.53901
Energy	0.00684	0.00342	0.06220	0.05225	0.00037	0.00473	—	0.00473	0.00473	—	0.00473	—	299.043	299.043	0.04345	0.00467	—	301.521
Water	—	—	—	—	—	—	—	—	—	—	—	17.7169	34.0175	51.7344	1.82217	0.04383	—	110.350
Waste	—	—	—	—	—	—	—	—	—	—	—	20.2547	0.00000	20.2547	2.02438	0.00000	—	70.8643
Total	1.49581	1.46013	0.26933	2.68939	0.00511	0.00943	0.45593	0.46535	0.00882	0.11562	0.12444	37.9716	769.878	807.850	3.90912	0.06907	0.56794	926.729

3. Construction Emissions Details

3.1. Demolition (2026)

3.1.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	116.782	113.823	107.828	266.424	0.24411	5.68139	—	5.68139	4.93732	—	4.93732	—	24,749.6	24,749.6	1.00430	0.20086	—	24,834.6
Demolition	—	—	—	—	—	—	2.69669	2.69669	—	0.40836	0.40836	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	116.782	113.823	107.828	266.424	0.24411	5.68139	—	5.68139	4.93732	—	4.93732	—	24,749.6	24,749.6	1.00430	0.20086	—	24,834.6

Demolition	—	—	—	—	—	—	2.69669	2.69669	—	0.40836	0.40836	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	28.7957	28.0660	26.5878	65.6936	0.06019	1.40089	—	1.40089	1.21742	—	1.21742	—	6,102.64	6,102.64	0.24764	0.04953	—	6,123.59
Demolition	—	—	—	—	—	—	0.66494	0.66494	—	0.10069	0.10069	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.25521	5.12204	4.85227	11.9891	0.01098	0.25566	—	0.25566	0.22218	—	0.22218	—	1,010.36	1,010.36	0.04100	0.00820	—	1,013.83
Demolition	—	—	—	—	—	—	0.12135	0.12135	—	0.01838	0.01838	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33158	0.29917	0.21429	3.62109	0.00000	0.00000	0.82665	0.82665	0.00000	0.19377	0.19377	—	849.528	849.528	0.01543	0.03241	3.12421	862.695
Vendor	0.01169	0.00500	0.18749	0.08310	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.098	157.098	0.00643	0.02328	0.41153	164.608
Hauling	0.09895	0.04004	1.25404	0.69662	0.00482	0.01132	0.15867	0.16999	0.00755	0.04344	0.05099	—	653.985	653.985	0.05576	0.10314	1.26267	687.378

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32276	0.28814	0.28131	3.17862	0.00000	0.00000	0.82665	0.82665	0.00000	0.19377	0.19377	—	788.154	788.154	0.01984	0.03461	0.08115	799.046
Vendor	0.01130	0.00474	0.19818	0.08450	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.227	157.227	0.00643	0.02328	0.01069	164.337
Hauling	0.09476	0.03690	1.32678	0.71234	0.00482	0.01132	0.15867	0.16999	0.00755	0.04344	0.05099	—	655.738	655.738	0.05471	0.10419	0.03281	688.187
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07904	0.07051	0.06137	0.75953	0.00000	0.00000	0.20022	0.20022	0.00000	0.04687	0.04687	—	195.652	195.652	0.00435	0.00799	0.33288	198.475
Vendor	0.00285	0.00120	0.04793	0.02051	0.00027	0.00055	0.01027	0.01082	0.00055	0.00284	0.00339	—	38.7497	38.7497	0.00159	0.00574	0.04388	40.5439
Hauling	0.02388	0.00961	0.31867	0.17332	0.00119	0.00279	0.03859	0.04139	0.00186	0.01058	0.01244	—	161.438	161.438	0.01375	0.02543	0.13438	169.495
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01442	0.01287	0.01120	0.13861	0.00000	0.00000	0.03654	0.03654	0.00000	0.00855	0.00855	—	32.3924	32.3924	0.00072	0.00132	0.05511	32.8597
Vendor	0.00052	0.00022	0.00875	0.00374	0.00005	0.00010	0.00187	0.00197	0.00010	0.00052	0.00062	—	6.41546	6.41546	0.00026	0.00095	0.00726	6.71250
Hauling	0.00436	0.00175	0.05816	0.03163	0.00022	0.00051	0.00704	0.00755	0.00034	0.00193	0.00227	—	26.7280	26.7280	0.00228	0.00421	0.02225	28.0619

3.2. Site Preparation (2026)

3.2.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.44734	3.71511	29.5683	41.8540	0.07441	0.97536	—	0.97536	0.89734	—	0.89734	—	7,434.73	7,434.73	0.30159	0.06032	—	7,460.24

Dust From Material Movement	—	—	—	—	—	—	0.00762	0.00762	—	0.00115	0.00115	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36553	0.30535	2.43027	3.44006	0.00612	0.08017	—	0.08017	0.07375	—	0.07375	—	611.074	611.074	0.02479	0.00496	—	613.171
Dust From Material Movement	—	—	—	—	—	—	0.00063	0.00063	—	0.00009	0.00009	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06671	0.05573	0.44352	0.62781	0.00112	0.01463	—	0.01463	0.01346	—	0.01346	—	101.170	101.170	0.00410	0.00082	—	101.517
Dust From Material Movement	—	—	—	—	—	—	0.00011	0.00011	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14524	0.12966	0.12659	1.43038	0.00000	0.00000	0.37199	0.37199	0.00000	0.08719	0.08719	—	354.669	354.669	0.00893	0.01558	0.03652	359.571
Vendor	0.01130	0.00474	0.19818	0.08450	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.227	157.227	0.00643	0.02328	0.01069	164.337
Hauling	0.16948	0.04842	2.80493	1.07953	0.01495	0.04273	0.59884	0.64157	0.02848	0.16395	0.19244	—	2,224.02	2,224.02	0.11892	0.35106	0.12382	2,331.74
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01186	0.01058	0.00921	0.11393	0.00000	0.00000	0.03003	0.03003	0.00000	0.00703	0.00703	—	29.3477	29.3477	0.00065	0.00120	0.04993	29.7712
Vendor	0.00095	0.00040	0.01598	0.00684	0.00009	0.00018	0.00342	0.00361	0.00018	0.00095	0.00113	—	12.9166	12.9166	0.00053	0.00191	0.01463	13.5146
Hauling	0.01405	0.00410	0.22574	0.08820	0.00123	0.00351	0.04855	0.05207	0.00234	0.01331	0.01565	—	182.740	182.740	0.00983	0.02880	0.16906	191.736
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00216	0.00193	0.00168	0.02079	0.00000	0.00000	0.00548	0.00548	0.00000	0.00128	0.00128	—	4.85885	4.85885	0.00011	0.00020	0.00827	4.92896
Vendor	0.00017	0.00007	0.00292	0.00125	0.00002	0.00003	0.00062	0.00066	0.00003	0.00017	0.00021	—	2.13849	2.13849	0.00009	0.00032	0.00242	2.23750
Hauling	0.00256	0.00075	0.04120	0.01610	0.00022	0.00064	0.00886	0.00950	0.00043	0.00243	0.00286	—	30.2547	30.2547	0.00163	0.00477	0.02799	31.7441

3.3. Grading (2027)

3.3.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	12.9669	10.8710	89.9316	108.801	0.20860	3.50598	—	3.50598	3.22550	—	3.22550	—	21,864.1	21,864.1	0.88690	0.17738	—	21,939.1

Dust From Material Movement	—	—	—	—	—	—	9.53503	9.53503	—	4.14207	4.14207	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.06577	0.89350	7.39164	8.94256	0.01715	0.28816	—	0.28816	0.26511	—	0.26511	—	1,797.05	1,797.05	0.07290	0.01458	—	1,803.22
Dust From Material Movement	—	—	—	—	—	—	0.78370	0.78370	—	0.34044	0.34044	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19450	0.16306	1.34897	1.63202	0.00313	0.05259	—	0.05259	0.04838	—	0.04838	—	297.522	297.522	0.01207	0.00241	—	298.543
Dust From Material Movement	—	—	—	—	—	—	0.14303	0.14303	—	0.06213	0.06213	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27277	0.24248	0.21972	2.61636	0.00000	0.00000	0.72332	0.72332	0.00000	0.16954	0.16954	—	676.910	676.910	0.01736	0.03029	0.06423	686.434
Vendor	0.01130	0.00474	0.19111	0.08188	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	154.116	154.116	0.00643	0.02328	0.00999	161.224
Hauling	0.15452	0.03347	2.71664	1.05105	0.01495	0.04273	0.59884	0.64157	0.02848	0.16395	0.19244	—	2,175.88	2,175.88	0.11892	0.35035	0.11446	2,283.37
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02210	0.01961	0.01573	0.20861	0.00000	0.00000	0.05840	0.05840	0.00000	0.01367	0.01367	—	56.0131	56.0131	0.00127	0.00233	0.08781	56.8271
Vendor	0.00094	0.00040	0.01538	0.00663	0.00009	0.00018	0.00342	0.00361	0.00018	0.00095	0.00113	—	12.6608	12.6608	0.00053	0.00191	0.01371	13.2579
Hauling	0.01282	0.00293	0.21966	0.08592	0.00123	0.00351	0.04855	0.05207	0.00234	0.01331	0.01565	—	178.782	178.782	0.00977	0.02880	0.15668	187.764
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00403	0.00358	0.00287	0.03807	0.00000	0.00000	0.01066	0.01066	0.00000	0.00250	0.00250	—	9.27360	9.27360	0.00021	0.00039	0.01454	9.40838
Vendor	0.00017	0.00007	0.00281	0.00121	0.00002	0.00003	0.00062	0.00066	0.00003	0.00017	0.00021	—	2.09614	2.09614	0.00009	0.00032	0.00227	2.19500
Hauling	0.00234	0.00053	0.04009	0.01568	0.00022	0.00064	0.00886	0.00950	0.00043	0.00243	0.00286	—	29.5994	29.5994	0.00162	0.00477	0.02594	31.0866

3.4. Building Construction (2027)

3.4.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.6306	8.86750	75.9259	96.9223	0.19947	2.35432	—	2.35432	2.16597	—	2.16597	—	19,486.1	19,486.1	0.79044	0.15809	—	19,553.0
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	10.6306	8.86750	75.9259	96.9223	0.19947	2.35432	—	2.35432	2.16597	—	2.16597	—	19,486.1	19,486.1	0.79044	0.15809	—	19,553.0
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	7.86373	6.55952	56.1644	71.6959	0.14756	1.74155	—	1.74155	1.60223	—	1.60223	—	14,414.4	14,414.4	0.58471	0.11694	—	14,463.9
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.43513	1.19711	10.2500	13.0845	0.02693	0.31783	—	0.31783	0.29241	—	0.29241	—	2,386.47	2,386.47	0.09681	0.01936	—	2,394.66
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32289	0.29002	0.18895	3.42541	0.00000	0.00000	0.83843	0.83843	0.00000	0.19653	0.19653	—	845.706	845.706	0.01342	0.03287	2.86572	858.702
Vendor	0.08012	0.03465	1.24853	0.55185	0.00770	0.01540	0.29298	0.30838	0.01540	0.08094	0.09634	—	1,067.11	1,067.11	0.04455	0.16134	2.66472	1,118.97
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31618	0.28107	0.25469	3.03276	0.00000	0.00000	0.83843	0.83843	0.00000	0.19653	0.19653	—	784.642	784.642	0.02012	0.03511	0.07445	795.681
Vendor	0.07829	0.03282	1.32443	0.56743	0.00770	0.01540	0.29298	0.30838	0.01540	0.08094	0.09634	—	1,068.03	1,068.03	0.04455	0.16134	0.06926	1,117.29
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23058	0.20461	0.16408	2.17626	0.00000	0.00000	0.60922	0.60922	0.00000	0.14263	0.14263	—	584.349	584.349	0.01323	0.02431	0.91602	592.841
Vendor	0.05859	0.02495	0.95951	0.41364	0.00570	0.01139	0.21349	0.22488	0.01139	0.05907	0.07046	—	789.657	789.657	0.03296	0.11935	0.85526	826.901
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04208	0.03734	0.02995	0.39717	0.00000	0.00000	0.11118	0.11118	0.00000	0.02603	0.02603	—	96.7456	96.7456	0.00219	0.00403	0.15166	98.1517
Vendor	0.01069	0.00455	0.17511	0.07549	0.00104	0.00208	0.03896	0.04104	0.00208	0.01078	0.01286	—	130.737	130.737	0.00546	0.01976	0.14160	136.903
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2027)

3.5.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.75823	4.82806	41.0927	56.9168	0.13817	1.55768	—	1.55768	1.43307	—	1.43307	—	14,599.1	14,599.1	0.59220	0.11844	—	14,649.2
Paving	0.20062	0.20062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.99389	0.83334	7.09271	9.82399	0.02385	0.26886	—	0.26886	0.24735	—	0.24735	—	2,519.85	2,519.85	0.10222	0.02044	—	2,528.50
Paving	0.03463	0.03463	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18138	0.15208	1.29442	1.79288	0.00435	0.04907	—	0.04907	0.04514	—	0.04514	—	417.190	417.190	0.01692	0.00338	—	418.622
Paving	0.00632	0.00632	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17145	0.15242	0.13811	1.64457	0.00000	0.00000	0.45466	0.45466	0.00000	0.10657	0.10657	—	425.487	425.487	0.01091	0.01904	0.04037	431.473
Vendor	0.00377	0.00158	0.06370	0.02729	0.00037	0.00074	0.01409	0.01483	0.00074	0.00389	0.00463	—	51.3719	51.3719	0.00214	0.00776	0.00333	53.7414
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02917	0.02589	0.02076	0.27536	0.00000	0.00000	0.07708	0.07708	0.00000	0.01805	0.01805	—	73.9372	73.9372	0.00167	0.00308	0.11590	75.0118
Vendor	0.00066	0.00028	0.01077	0.00464	0.00006	0.00013	0.00240	0.00252	0.00013	0.00066	0.00079	—	8.86254	8.86254	0.00037	0.00134	0.00960	9.28054
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00532	0.00472	0.00379	0.05025	0.00000	0.00000	0.01407	0.01407	0.00000	0.00329	0.00329	—	12.2412	12.2412	0.00028	0.00051	0.01919	12.4191
Vendor	0.00012	0.00005	0.00197	0.00085	0.00001	0.00002	0.00044	0.00046	0.00002	0.00012	0.00014	—	1.46730	1.46730	0.00006	0.00022	0.00159	1.53650
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Paving (2028)

3.6.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.52988	4.63641	38.7763	56.8542	0.13819	1.38887	—	1.38887	1.27776	—	1.27776	—	14,600.3	14,600.3	0.59225	0.11845	—	14,650.4
Paving	0.20062	0.20062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.40906	0.34297	2.86839	4.20565	0.01022	0.10274	—	0.10274	0.09452	—	0.09452	—	1,080.02	1,080.02	0.04381	0.00876	—	1,083.73
Paving	0.01484	0.01484	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07465	0.06259	0.52348	0.76753	0.00187	0.01875	—	0.01875	0.01725	—	0.01725	—	178.810	178.810	0.00725	0.00145	—	179.424
Paving	0.00271	0.00271	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16660	0.14757	0.12150	1.54332	0.00000	0.00000	0.45466	0.45466	0.00000	0.10657	0.10657	—	417.956	417.956	0.00970	0.01904	0.03611	423.907
Vendor	0.00340	0.00158	0.06117	0.02642	0.00037	0.00074	0.01409	0.01483	0.00074	0.00389	0.00463	—	50.1583	50.1583	0.00210	0.00739	0.00310	52.4160
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01214	0.01083	0.00881	0.11088	0.00000	0.00000	0.03304	0.03304	0.00000	0.00773	0.00773	—	31.1267	31.1267	0.00063	0.00132	0.04457	31.5799
Vendor	0.00025	0.00012	0.00443	0.00193	0.00003	0.00005	0.00103	0.00108	0.00005	0.00028	0.00034	—	3.70840	3.70840	0.00016	0.00054	0.00382	3.87803
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00222	0.00198	0.00161	0.02024	0.00000	0.00000	0.00603	0.00603	0.00000	0.00141	0.00141	—	5.15339	5.15339	0.00010	0.00022	0.00738	5.22842
Vendor	0.00005	0.00002	0.00081	0.00035	0.00001	0.00001	0.00019	0.00020	0.00001	0.00005	0.00006	—	0.61397	0.61397	0.00003	0.00009	0.00063	0.64205
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Architectural Coating (2028)

3.7.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84281	0.70029	8.08079	7.20324	0.01523	0.17912	—	0.17912	0.16479	—	0.16479	—	1,383.79	1,383.79	0.05613	0.01123	—	1,388.53
Architectural Coatings	58.5008	58.5008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10391	0.08634	0.99626	0.88807	0.00188	0.02208	—	0.02208	0.02032	—	0.02032	—	170.604	170.604	0.00692	0.00138	—	171.189
Architectural Coatings	7.21243	7.21243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.01896	0.01576	0.18182	0.16207	0.00034	0.00403	—	0.00403	0.00371	—	0.00371	—	28.2454	28.2454	0.00115	0.00023	—	28.3423
Architectural Coatings	1.31627	1.31627	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06145	0.05443	0.04481	0.56921	0.00000	0.00000	0.16769	0.16769	0.00000	0.03931	0.03931	—	154.151	154.151	0.00358	0.00702	0.01332	156.346
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00747	0.00665	0.00541	0.06816	0.00000	0.00000	0.02031	0.02031	0.00000	0.00475	0.00475	—	19.1337	19.1337	0.00039	0.00081	0.02740	19.4122
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00136	0.00121	0.00099	0.01244	0.00000	0.00000	0.00371	0.00371	0.00000	0.00087	0.00087	—	3.16780	3.16780	0.00006	0.00013	0.00454	3.21392
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.37720	1.27450	0.99114	10.0898	0.02703	0.01654	2.54334	2.55988	0.01547	0.64481	0.66029	—	2,758.61	2,758.61	0.10629	0.11764	7.94451	2,804.27
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.37720	1.27450	0.99114	10.0898	0.02703	0.01654	2.54334	2.55988	0.01547	0.64481	0.66029	—	2,758.61	2,758.61	0.10629	0.11764	7.94451	2,804.27
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.33407	1.22566	1.15586	9.64572	0.02550	0.01655	2.54334	2.55989	0.01549	0.64481	0.66030	—	2,603.93	2,603.93	0.12063	0.12820	0.20599	2,645.36
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	1.33407	1.22566	1.15586	9.64572	0.02550	0.01655	2.54334	2.55989	0.01549	0.64481	0.66030	—	2,603.93	2,603.93	0.12063	0.12820	0.20599	2,645.36
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.24011	0.22082	0.19918	1.69189	0.00468	0.00302	0.45593	0.45895	0.00282	0.11562	0.11844	—	433.291	433.291	0.01897	0.02054	0.56794	440.455
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Total	0.24011	0.22082	0.19918	1.69189	0.00468	0.00302	0.45593	0.45895	0.00282	0.11562	0.11844	—	433.291	433.291	0.01897	0.02054	0.56794	440.455

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	—	1,351.99	1,351.99	0.21872	0.02651	—	1,365.36
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	47.5998	47.5998	0.00770	0.00093	—	48.0705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,399.59	1,399.59	0.22642	0.02745	—	1,413.43
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,351.99	1,351.99	0.21872	0.02651	—	1,365.36
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	47.5998	47.5998	0.00770	0.00093	—	48.0705
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,399.59	1,399.59	0.22642	0.02745	—	1,413.43
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	223.837	223.837	0.03621	0.00439	—	226.051

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	7.88070	7.88070	0.00127	0.00015	—	7.95862
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	231.718	231.718	0.03749	0.00454	—	234.009

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	406.649	406.649	0.03599	0.00077	—	407.777
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	406.649	406.649	0.03599	0.00077	—	407.777
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-Rail	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	406.649	406.649	0.03599	0.00077	—	407.777
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.03749	0.01874	0.34081	0.28628	0.00204	0.02590	—	0.02590	0.02590	—	0.02590	—	406.649	406.649	0.03599	0.00077	—	407.777
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00684	0.00342	0.06220	0.05225	0.00037	0.00473	—	0.00473	0.00473	—	0.00473	—	67.3254	67.3254	0.00596	0.00013	—	67.5121
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.00684	0.00342	0.06220	0.05225	0.00037	0.00473	—	0.00473	0.00473	—	0.00473	—	67.3254	67.3254	0.00596	0.00013	—	67.5121

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.19994	5.19994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.72124	0.72124	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.86936	1.72521	0.08837	10.5029	0.00063	0.01866	—	0.01866	0.01410	—	0.01410	—	43.1897	43.1897	0.00181	0.00037	—	43.3454
Total	7.79054	7.64639	0.08837	10.5029	0.00063	0.01866	—	0.01866	0.01410	—	0.01410	—	43.1897	43.1897	0.00181	0.00037	—	43.3454
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	5.19994	5.19994	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.72124	0.72124	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	5.92118	5.92118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.94899	0.94899	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.13163	0.13163	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	0.16824	0.15527	0.00795	0.94526	0.00006	0.00168	—	0.00168	0.00127	—	0.00127	—	3.52630	3.52630	0.00015	0.00003	—	3.53901
Total	1.24886	1.23588	0.00795	0.94526	0.00006	0.00168	—	0.00168	0.00127	—	0.00127	—	3.52630	3.52630	0.00015	0.00003	—	3.53901

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	107.011	202.104	309.116	11.0055	0.26467	—	663.125
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	3.36329	3.36329	0.00054	0.00007	—	3.39655
Total	—	—	—	—	—	—	—	—	—	—	—	107.011	205.467	312.479	11.0060	0.26474	—	666.522
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	107.011	202.104	309.116	11.0055	0.26467	—	663.125

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	3.36329	3.36329	0.00054	0.00007	—	3.39655
Total	—	—	—	—	—	—	—	—	—	—	—	107.011	205.467	312.479	11.0060	0.26474	—	666.522
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	17.7169	33.4607	51.1776	1.82208	0.04382	—	109.788
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.55683	0.55683	0.00009	0.00001	—	0.56234
Total	—	—	—	—	—	—	—	—	—	—	—	17.7169	34.0175	51.7344	1.82217	0.04383	—	110.350

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	122.339	0.00000	122.339	12.2274	0.00000	—	428.024
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	20.2547	0.00000	20.2547	2.02438	0.00000	—	70.8643
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	20.2547	0.00000	20.2547	2.02438	0.00000	—	70.8643

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	9/1/2026	11/29/2026	7.00000	90.0000	—
Site Preparation	Site Preparation	12/1/2026	12/30/2026	7.00000	30.0000	—
Grading	Grading	1/1/2027	1/30/2027	7.00000	30.0000	—

Building Construction	Building Construction	2/1/2027	10/28/2027	7.00000	270.000	—
Paving	Paving	10/30/2027	1/27/2028	7.00000	90.0000	—
Architectural Coating	Architectural Coating	1/28/2028	3/12/2028	7.00000	45.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Aerial Lifts	Diesel	Average	2.00000	12.0000	46.0000	0.31000
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Demolition	Bore/Drill Rigs	Diesel	Average	1.000000	12.0000	83.0000	0.50000
Demolition	Concrete/Industrial Saws	Diesel	Average	4.00000	12.0000	33.0000	0.73000
Demolition	Air Compressors	Diesel	Average	4.00000	12.0000	37.0000	0.48000
Demolition	Cranes	Diesel	Average	1.000000	12.0000	367.000	0.29000
Demolition	Crawler Tractors	Diesel	Average	1.000000	12.0000	87.0000	0.43000
Demolition	Crushing/Proc. Equipment	Gasoline	Average	2.00000	12.0000	12.0000	0.85000
Demolition	Rubber Tired Dozers	Diesel	Average	2.00000	12.0000	367.000	0.40000
Demolition	Dumpers/Tenders	Diesel	Average	2.00000	12.0000	16.0000	0.38000
Demolition	Excavators	Diesel	Average	3.00000	12.0000	36.0000	0.38000
Demolition	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	12.0000	84.0000	0.37000
Demolition	Rubber Tired Loaders	Diesel	Average	2.00000	12.0000	150.000	0.36000
Demolition	Off-Highway Tractors	Diesel	Average	1.000000	12.0000	38.0000	0.44000
Demolition	Off-Highway Trucks	Diesel	Average	1.000000	12.0000	376.000	0.38000
Demolition	Rough Terrain Forklifts	Diesel	Average	2.00000	12.0000	96.0000	0.40000
Demolition	Scrapers	Diesel	Average	2.00000	12.0000	423.000	0.48000

Demolition	Skid Steer Loaders	Diesel	Average	1.000000	12.0000	71.0000	0.37000
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Demolition	Trenchers	Diesel	Average	2.00000	12.0000	40.0000	0.50000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Site Preparation	Bore/Drill Rigs	Diesel	Average	1.000000	12.0000	83.0000	0.50000
Site Preparation	Plate Compactors	Diesel	Average	1.000000	12.0000	8.00000	0.43000
Site Preparation	Air Compressors	Diesel	Average	4.00000	12.0000	37.0000	0.48000
Site Preparation	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	12.0000	84.0000	0.37000
Site Preparation	Off-Highway Tractors	Diesel	Average	1.000000	12.0000	38.0000	0.44000
Site Preparation	Off-Highway Trucks	Diesel	Average	1.000000	12.0000	376.000	0.38000
Site Preparation	Skid Steer Loaders	Diesel	Average	1.000000	12.0000	71.0000	0.37000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Site Preparation	Trenchers	Diesel	Average	2.00000	12.0000	40.0000	0.50000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	12.0000	84.0000	0.37000
Grading	Bore/Drill Rigs	Diesel	Average	1.000000	12.0000	83.0000	0.50000
Grading	Plate Compactors	Diesel	Average	2.00000	12.0000	8.00000	0.43000
Grading	Air Compressors	Diesel	Average	4.00000	12.0000	37.0000	0.48000
Grading	Crawler Tractors	Diesel	Average	1.000000	12.0000	87.0000	0.43000
Grading	Rubber Tired Dozers	Diesel	Average	2.00000	12.0000	367.000	0.40000
Grading	Dumpers/Tenders	Diesel	Average	2.00000	12.0000	16.0000	0.38000
Grading	Excavators	Diesel	Average	3.00000	12.0000	36.0000	0.38000
Grading	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Grading	Graders	Diesel	Average	1.000000	12.0000	148.000	0.41000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	12.0000	84.0000	0.37000

Grading	Rubber Tired Loaders	Diesel	Average	2.00000	12.0000	150.000	0.36000
Grading	Off-Highway Tractors	Diesel	Average	1.000000	12.0000	38.0000	0.44000
Grading	Off-Highway Trucks	Diesel	Average	1.000000	12.0000	376.000	0.38000
Grading	Rollers	Diesel	Average	2.00000	12.0000	36.0000	0.38000
Grading	Scrapers	Diesel	Average	2.00000	12.0000	423.000	0.48000
Grading	Skid Steer Loaders	Diesel	Average	1.000000	12.0000	71.0000	0.37000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Grading	Trenchers	Diesel	Average	2.00000	12.0000	40.0000	0.50000
Building Construction	Aerial Lifts	Diesel	Average	4.00000	12.0000	46.0000	0.31000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	12.0000	84.0000	0.37000
Building Construction	Cement and Mortar Mixers	Diesel	Average	4.00000	12.0000	10.00000	0.56000
Building Construction	Air Compressors	Diesel	Average	4.00000	12.0000	37.0000	0.48000
Building Construction	Cranes	Diesel	Average	1.000000	12.0000	367.000	0.29000
Building Construction	Crawler Tractors	Diesel	Average	1.000000	12.0000	87.0000	0.43000
Building Construction	Excavators	Diesel	Average	2.00000	12.0000	36.0000	0.38000
Building Construction	Forklifts	Diesel	Average	2.00000	12.0000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Building Construction	Pressure Washers	Diesel	Average	1.000000	12.0000	14.0000	0.30000
Building Construction	Pumps	Diesel	Average	1.000000	12.0000	11.0000	0.74000
Building Construction	Rollers	Diesel	Average	2.00000	12.0000	36.0000	0.38000
Building Construction	Skid Steer Loaders	Diesel	Average	1.000000	12.0000	71.0000	0.37000
Building Construction	Surfacing Equipment	Diesel	Average	4.00000	12.0000	399.000	0.30000
Building Construction	Sweepers/Scrubbers	Diesel	Average	2.00000	12.0000	36.0000	0.46000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Building Construction	Trenchers	Diesel	Average	2.00000	12.0000	40.0000	0.50000
Building Construction	Welders	Diesel	Average	5.00000	12.0000	46.0000	0.45000

Building Construction	Concrete/Industrial Saws	Diesel	Average	4.00000	12.0000	33.0000	0.73000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	12.0000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	1.000000	12.0000	10.00000	0.56000
Paving	Concrete/Industrial Saws	Diesel	Average	1.000000	12.0000	33.0000	0.73000
Paving	Crawler Tractors	Diesel	Average	1.000000	12.0000	87.0000	0.43000
Paving	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.000000	12.0000	84.0000	0.37000
Paving	Off-Highway Tractors	Diesel	Average	1.000000	12.0000	38.0000	0.44000
Paving	Off-Highway Trucks	Diesel	Average	1.000000	12.0000	376.000	0.38000
Paving	Pavers	Diesel	Average	2.00000	12.0000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	12.0000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	12.0000	36.0000	0.38000
Paving	Skid Steer Loaders	Diesel	Average	1.000000	12.0000	71.0000	0.37000
Paving	Surfacing Equipment	Diesel	Average	4.00000	12.0000	399.000	0.30000
Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00000	12.0000	84.0000	0.37000
Architectural Coating	Aerial Lifts	Diesel	Average	4.00000	12.0000	46.0000	0.31000
Architectural Coating	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Architectural Coating	Pressure Washers	Diesel	Average	1.000000	12.0000	14.0000	0.30000
Architectural Coating	Pumps	Diesel	Average	1.000000	12.0000	11.0000	0.74000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix

Demolition	Worker	100.0000	11.7000	LDA,LDT1,LDT2
Demolition	Vendor	6.00000	8.40000	HHDT,MHDT
Demolition	Hauling	47.5444	3.60000	HHDT
Demolition	Onsite truck	0.00000	20.0000	HHDT
Site Preparation	Worker	45.0000	11.7000	LDA,LDT1,LDT2
Site Preparation	Vendor	6.00000	8.40000	HHDT,MHDT
Site Preparation	Hauling	32.3000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	20.0000	HHDT
Grading	Worker	87.5000	11.7000	LDA,LDT1,LDT2
Grading	Vendor	6.00000	8.40000	HHDT,MHDT
Grading	Hauling	32.3000	20.0000	HHDT
Grading	Onsite truck	0.00000	20.0000	HHDT
Building Construction	Worker	101.426	11.7000	LDA,LDT1,LDT2
Building Construction	Vendor	41.5802	8.40000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	20.0000	HHDT
Paving	Worker	55.0000	11.7000	LDA,LDT1,LDT2
Paving	Vendor	2.00000	8.40000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	20.0000	HHDT
Architectural Coating	Worker	20.2852	11.7000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	362,235	120,745	24,453.0

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	17,114.0	0.00000
Site Preparation	7,750.00	—	0.00000	0.00000	0.00000
Grading	7,750.00	—	180.000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	9.35606

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt

Paving	Unrefrigerated Warehouse-No Rail	0.00000	0%
Paving	Parking Lot	2.23209	100%
Paving	Other Asphalt Surfaces	4.65932	100%
Paving	Other Non-Asphalt Surfaces	2.46465	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	203.983	0.03300	0.00400
2027	0.00000	203.983	0.03300	0.00400
2028	0.00000	203.983	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	420.193	420.193	420.193	153,370	3,602.65	3,602.65	3,602.65	1,314,968
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Unrefrigerated Warehouse-No Rail	Wood Fireplaces	0	0

Unrefrigerated Warehouse-No Rail	Gas Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Propane Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Electric Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	No Fireplaces	0	0
Unrefrigerated Warehouse-No Rail	Conventional Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Non-Catalytic Wood Stoves	0	0
Unrefrigerated Warehouse-No Rail	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Pellet Wood Stoves	0	0
Other Non-Asphalt Surfaces	Wood Fireplaces	0	0
Other Non-Asphalt Surfaces	Gas Fireplaces	0	0

Other Non-Asphalt Surfaces	Propane Fireplaces	0	0
Other Non-Asphalt Surfaces	Electric Fireplaces	0	0
Other Non-Asphalt Surfaces	No Fireplaces	0	0
Other Non-Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Non-Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0
Other Non-Asphalt Surfaces	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	362,235	120,745	24,453.0

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000
Summer Days	day/yr	180.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	2,419,202	203.983	0.0330	0.0040	1,268,854
Parking Lot	85,173.5	203.983	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000
Other Non-Asphalt Surfaces	0.00000	203.983	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	55,844,563	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	1,219,761

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	227.001	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	8.85000	annual days of extreme heat
Extreme Precipitation	5.80000	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	9.75000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	2	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.51711
AQ-PM	28.9857
AQ-DPM	95.0218
Drinking Water	4.20882
Lead Risk Housing	84.6881
Pesticides	0.00000
Toxic Releases	50.1750
Traffic	94.2875
Effect Indicators	—
CleanUp Sites	90.1456

Groundwater	83.3970
Haz Waste Facilities/Generators	81.0589
Impaired Water Bodies	12.4528
Solid Waste	86.5063
Sensitive Population	—
Asthma	89.4816
Cardio-vascular	63.0484
Low Birth Weights	54.8499
Socioeconomic Factor Indicators	—
Education	64.5153
Housing	34.2459
Linguistic	83.8408
Poverty	70.1256
Unemployment	30.8824

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	43.89837033
Employed	79.81521879
Median HI	39.00936738
Education	—
Bachelor's or higher	45.73335044
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	31.27165405

Active commuting	75.78596176
Social	—
2-parent households	38.71423072
Voting	45.0019248
Neighborhood	—
Alcohol availability	38.99653535
Park access	37.3668677
Retail density	83.81881175
Supermarket access	85.02502246
Tree canopy	44.79661234
Housing	—
Homeownership	30.83536507
Housing habitability	35.26241499
Low-inc homeowner severe housing cost burden	91.53086103
Low-inc renter severe housing cost burden	39.47132042
Uncrowded housing	22.16091364
Health Outcomes	—
Insured adults	49.96791993
Arthritis	22.3
Asthma ER Admissions	8.8
High Blood Pressure	34.2
Cancer (excluding skin)	32.7
Asthma	46.1
Coronary Heart Disease	28.5
Chronic Obstructive Pulmonary Disease	37.6
Diagnosed Diabetes	33.2
Life Expectancy at Birth	67.1
Cognitively Disabled	76.7

Physically Disabled	24.6
Heart Attack ER Admissions	29.6
Mental Health Not Good	51.7
Chronic Kidney Disease	35.4
Obesity	64.2
Pedestrian Injuries	60.3
Physical Health Not Good	43.5
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	91.6
Current Smoker	50.3
No Leisure Time for Physical Activity	35.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	65.5
Elderly	45.2
English Speaking	25.6
Foreign-born	74.8
Outdoor Workers	53.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	94.8
Traffic Access	53.6
Other Indices	—
Hardship	53.6
Other Decision Support	—
2016 Voting	32.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	80.0000
Healthy Places Index Score for Project Location (b)	48.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	CalEEMod durations are based on calendar days provided by applicant for each construction activity with an assumed start date of September 2026. Assumes 7 day work week based on data from applicant. Assumes Paving and Architectural Coating will end at the same time as Building Construction
Construction: Off-Road Equipment	based on equipment provided by applicant for a 7am-7pm schedule
Construction: Trips and VMT	Added one way trips for water trucks based on equipment data provided for each construction activity. 3.6 miles/trip for demolition provided by applicant

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	9/29/2026	11/29/2026
Demolition	Demolition	Days/Week	5.00000	7.00000
Demolition	Demolition	Work Days per Phase	20.0000	90.0000
Site Preparation	Site Preparation	Start Date	9/30/2026	12/1/2026
Site Preparation	Site Preparation	End Date	10/14/2026	12/30/2026
Site Preparation	Site Preparation	Days/Week	5.00000	7.00000
Site Preparation	Site Preparation	Work Days per Phase	10.00000	30.0000
Grading	Grading	Start Date	10/15/2026	1/1/2027
Grading	Grading	End Date	11/26/2026	1/30/2027
Grading	Grading	Days/Week	5.00000	7.00000
Building Construction	Building Construction	Start Date	11/27/2026	2/1/2027
Building Construction	Building Construction	End Date	1/21/2028	10/28/2027
Building Construction	Building Construction	Days/Week	5.00000	7.00000
Building Construction	Building Construction	Work Days per Phase	300.000	270.000
Paving	Paving	Start Date	1/22/2028	10/30/2027
Paving	Paving	End Date	2/19/2028	1/27/2028
Paving	Paving	Days/Week	5.00000	7.00000
Paving	Paving	Work Days per Phase	20.0000	90.0000
Architectural Coating	Architectural Coating	Start Date	2/20/2028	1/28/2028
Architectural Coating	Architectural Coating	End Date	3/19/2028	3/12/2028
Architectural Coating	Architectural Coating	Days/Week	5.00000	7.00000
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	45.0000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Grading	Tractors/Loaders/Backhoes	Number per Day	2.00000	3.00000
Grading	Tractors/Loaders/Backhoes	Hours Per Day	8.00000	12.0000

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Demolition	Hauling	Miles per Trip	20.0000	3.60000
Building Construction	Vendor	One-Way Trips per Day	39.5802	41.5802

3199 Alvarado Street Project - Tier 4 Final Mitigation Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	3199 Alvarado Street Project - Tier 4 Final Mitigation
Construction Start Date	9/1/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.30000
Precipitation (days)	27.6000
Location	3199 Alvarado St, San Leandro, CA 94578, USA
County	Alameda
City	San Leandro
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	1424
EDFZ	1
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.39

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	241.490	1000sqft	5.54385	241,490	0.00000	—	—	—
Parking Lot	97.2300	1000sqft	2.23209	0.00000	0.00000	—	—	—

Other Asphalt Surfaces	202.960	1000sqft	4.65932	0.00000	0.00000	—	—	—
Other Non-Asphalt Surfaces	107.360	1000sqft	2.46465	0.00000	107,361	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	105.935	105.125	48.3300	291.719	0.25004	2.36874	3.72428	6.09302	1.92272	0.65724	2.57996	—	26,410.2	26,410.2	1.08192	0.35969	5.53044	26,549.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	105.922	105.111	48.4717	291.293	0.25004	2.36874	10.8995	11.5170	1.92272	4.48725	5.07645	—	26,350.7	26,350.7	1.08529	0.58130	0.18868	26,486.1
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	26.2460	26.0283	41.3023	115.960	0.19563	0.60756	1.79626	2.36126	0.54638	0.58878	1.13516	—	20,435.6	20,435.6	0.81963	0.33308	2.15497	20,557.5
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.78990	4.75017	7.53766	21.1627	0.03570	0.11088	0.32782	0.43093	0.09971	0.10745	0.20717	—	3,383.34	3,383.34	0.13570	0.05515	0.35678	3,403.52

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	105.935	105.125	40.6585	291.719	0.25004	2.36874	3.72428	6.09302	1.92272	0.65724	2.57996	—	26,410.2	26,410.2	1.08192	0.35969	4.79840	26,549.3
2027	3.59361	3.34688	48.3300	122.821	0.20717	0.60506	1.13141	1.73647	0.58525	0.27747	0.86272	—	21,399.0	21,399.0	0.84841	0.35230	5.53044	21,530.7
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	105.922	105.111	40.8090	291.293	0.25004	2.36874	3.72428	6.09302	1.92272	0.65724	2.57996	—	26,350.7	26,350.7	1.08529	0.45024	0.17103	26,486.1
2027	3.58507	3.33610	48.4717	130.994	0.22466	0.61753	10.8995	11.5170	0.58920	4.48725	5.07645	—	24,871.0	24,871.0	1.02961	0.58130	0.18868	25,070.2
2028	59.2695	59.1633	16.3165	85.1033	0.13856	0.38500	0.46875	0.85374	0.37563	0.11046	0.48609	—	15,068.4	15,068.4	0.60405	0.14488	0.03921	15,126.7
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	26.2460	26.0283	11.6344	75.9049	0.06909	0.60756	0.99665	1.60422	0.49569	0.18237	0.67806	—	7,334.56	7,334.56	0.30312	0.12556	0.74477	7,380.30
2027	3.31587	3.09151	41.3023	115.960	0.19563	0.56499	1.79626	2.36126	0.54638	0.58878	1.13516	—	20,435.6	20,435.6	0.81963	0.33308	2.15497	20,557.5
2028	7.47415	7.45383	2.18594	7.43885	0.01213	0.04869	0.05437	0.10306	0.04653	0.01277	0.05930	—	1,304.60	1,304.60	0.05190	0.01282	0.07578	1,309.79
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.78990	4.75017	2.12327	13.8526	0.01261	0.11088	0.18189	0.29277	0.09046	0.03328	0.12375	—	1,214.32	1,214.32	0.05019	0.02079	0.12330	1,221.89
2027	0.60515	0.56420	7.53766	21.1627	0.03570	0.10311	0.32782	0.43093	0.09971	0.10745	0.20717	—	3,383.34	3,383.34	0.13570	0.05515	0.35678	3,403.52
2028	1.36403	1.36032	0.39893	1.35759	0.00221	0.00889	0.00992	0.01881	0.00849	0.00233	0.01082	—	215.991	215.991	0.00859	0.00212	0.01255	216.851

2.2.2. Onsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	105.493	104.781	39.0027	287.318	0.24411	2.35520	2.69669	5.05189	1.91296	0.40836	2.32131	—	24,749.6	24,749.6	1.00430	0.20086	0.00000	24,834.6

2027	3.19061	3.02221	46.8925	118.844	0.19947	0.58966	0.00000	0.58966	0.56985	0.00000	0.56985	—	19,486.1	19,486.1	0.79044	0.15809	0.00000	19,553.0
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	105.493	104.781	39.0027	287.318	0.24411	2.35520	2.69669	5.05189	1.91296	0.40836	2.32131	—	24,749.6	24,749.6	1.00430	0.20086	0.00000	24,834.6
2027	3.19061	3.02221	46.8925	127.245	0.20860	0.58966	9.53503	10.1076	0.56985	4.14207	4.70057	—	21,864.1	21,864.1	0.88690	0.17738	0.00000	21,939.1
2028	59.2081	59.1089	16.1338	83.5336	0.13819	0.38425	0.00000	0.38425	0.37489	0.00000	0.37489	—	14,600.3	14,600.3	0.59225	0.11845	0.00000	14,650.4
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	26.1134	25.9319	10.9555	74.7426	0.06631	0.60053	0.66556	1.26609	0.49076	0.10079	0.59154	—	6,713.72	6,713.72	0.27242	0.05448	0.00000	6,736.76
2027	2.96102	2.81284	39.8964	112.789	0.18855	0.54978	0.78370	1.33348	0.53234	0.34044	0.87278	—	18,731.3	18,731.3	0.75982	0.15196	0.00000	18,795.6
2028	7.45428	7.43623	2.16729	7.25789	0.01210	0.04864	0.00000	0.04864	0.04648	0.00000	0.04648	—	1,250.63	1,250.63	0.05073	0.01015	0.00000	1,254.92
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.76569	4.73258	1.99937	13.6405	0.01210	0.10960	0.12147	0.23106	0.08956	0.01839	0.10796	—	1,111.53	1,111.53	0.04510	0.00902	0.00000	1,115.35
2027	0.54039	0.51334	7.28109	20.5840	0.03441	0.10033	0.14303	0.24336	0.09715	0.06213	0.15928	—	3,101.18	3,101.18	0.12580	0.02516	0.00000	3,111.82
2028	1.36041	1.35711	0.39553	1.32456	0.00221	0.00888	0.00000	0.00888	0.00848	0.00000	0.00848	—	207.056	207.056	0.00840	0.00168	0.00000	207.766

2.2.3. Offsite Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.44222	0.34421	1.65582	4.40081	0.00593	0.01354	1.02759	1.04113	0.00977	0.24889	0.25865	—	1,660.61	1,660.61	0.07762	0.15883	4.79840	1,714.68
2027	0.40300	0.32467	1.43747	3.97726	0.00770	0.01540	1.13141	1.14681	0.01540	0.27747	0.29287	—	1,912.82	1,912.82	0.05797	0.19421	5.53044	1,977.67
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.42881	0.32978	3.12970	3.97546	0.01607	0.04495	1.02759	1.05806	0.03071	0.26283	0.29353	—	2,735.92	2,735.92	0.13428	0.38992	0.17103	2,855.64
2027	0.43859	0.31389	3.12747	3.74929	0.01607	0.04495	1.36444	1.40938	0.03071	0.34518	0.37588	—	3,006.90	3,006.90	0.14271	0.40392	0.18868	3,131.03
2028	0.17000	0.14914	0.18267	1.56974	0.00037	0.00074	0.46875	0.46949	0.00074	0.11046	0.11120	—	468.114	468.114	0.01180	0.02643	0.03921	476.323

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.13263	0.09639	0.67890	1.16232	0.00278	0.00703	0.33109	0.33813	0.00493	0.08158	0.08651	—	620.844	620.844	0.03070	0.07107	0.74477	643.535
2027	0.35486	0.27867	1.40589	3.17106	0.00708	0.01521	1.01256	1.02777	0.01404	0.24833	0.26238	—	1,704.26	1,704.26	0.05980	0.18112	2.15497	1,761.88
2028	0.01986	0.01760	0.01865	0.18096	0.00003	0.00005	0.05437	0.05443	0.00005	0.01277	0.01283	—	53.9688	53.9688	0.00117	0.00267	0.07578	54.8702
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.02420	0.01759	0.12390	0.21212	0.00051	0.00128	0.06042	0.06171	0.00090	0.01489	0.01579	—	102.788	102.788	0.00508	0.01177	0.12330	106.545
2027	0.06476	0.05086	0.25657	0.57872	0.00129	0.00278	0.18479	0.18757	0.00256	0.04532	0.04788	—	282.160	282.160	0.00990	0.02999	0.35678	291.700
2028	0.00363	0.00321	0.00340	0.03303	0.00001	0.00001	0.00992	0.00993	0.00001	0.00233	0.00234	—	8.93515	8.93515	0.00019	0.00044	0.01255	9.08438

3. Construction Emissions Details

3.1. Demolition (2026)

3.1.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	105.493	104.781	39.0027	287.318	0.24411	2.35520	—	2.35520	1.91296	—	1.91296	—	24,749.6	24,749.6	1.00430	0.20086	—	24,834.6
Demolition	—	—	—	—	—	—	2.69669	2.69669	—	0.40836	0.40836	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	105.493	104.781	39.0027	287.318	0.24411	2.35520	—	2.35520	1.91296	—	1.91296	—	24,749.6	24,749.6	1.00430	0.20086	—	24,834.6
Demolition	—	—	—	—	—	—	2.69669	2.69669	—	0.40836	0.40836	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	26.0119	25.8365	9.61711	70.8455	0.06019	0.58073	—	0.58073	0.47169	—	0.47169	—	6,102.64	6,102.64	0.24764	0.04953	—	6,123.59
Demolition	—	—	—	—	—	—	0.66494	0.66494	—	0.10069	0.10069	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.74718	4.71515	1.75512	12.9293	0.01098	0.10598	—	0.10598	0.08608	—	0.08608	—	1,010.36	1,010.36	0.04100	0.00820	—	1,013.83
Demolition	—	—	—	—	—	—	0.12135	0.12135	—	0.01838	0.01838	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.33158	0.29917	0.21429	3.62109	0.00000	0.00000	0.82665	0.82665	0.00000	0.19377	0.19377	—	849.528	849.528	0.01543	0.03241	3.12421	862.695
Vendor	0.01169	0.00500	0.18749	0.08310	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.098	157.098	0.00643	0.02328	0.41153	164.608

Hauling	0.09895	0.04004	1.25404	0.69662	0.00482	0.01132	0.15867	0.16999	0.00755	0.04344	0.05099	—	653.985	653.985	0.05576	0.10314	1.26267	687.378
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32276	0.28814	0.28131	3.17862	0.00000	0.00000	0.82665	0.82665	0.00000	0.19377	0.19377	—	788.154	788.154	0.01984	0.03461	0.08115	799.046
Vendor	0.01130	0.00474	0.19818	0.08450	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.227	157.227	0.00643	0.02328	0.01069	164.337
Hauling	0.09476	0.03690	1.32678	0.71234	0.00482	0.01132	0.15867	0.16999	0.00755	0.04344	0.05099	—	655.738	655.738	0.05471	0.10419	0.03281	688.187
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07904	0.07051	0.06137	0.75953	0.00000	0.00000	0.20022	0.20022	0.00000	0.04687	0.04687	—	195.652	195.652	0.00435	0.00799	0.33288	198.475
Vendor	0.00285	0.00120	0.04793	0.02051	0.00027	0.00055	0.01027	0.01082	0.00055	0.00284	0.00339	—	38.7497	38.7497	0.00159	0.00574	0.04388	40.5439
Hauling	0.02388	0.00961	0.31867	0.17332	0.00119	0.00279	0.03859	0.04139	0.00186	0.01058	0.01244	—	161.438	161.438	0.01375	0.02543	0.13438	169.495
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01442	0.01287	0.01120	0.13861	0.00000	0.00000	0.03654	0.03654	0.00000	0.00855	0.00855	—	32.3924	32.3924	0.00072	0.00132	0.05511	32.8597
Vendor	0.00052	0.00022	0.00875	0.00374	0.00005	0.00010	0.00187	0.00197	0.00010	0.00052	0.00062	—	6.41546	6.41546	0.00026	0.00095	0.00726	6.71250
Hauling	0.00436	0.00175	0.05816	0.03163	0.00022	0.00051	0.00704	0.00755	0.00034	0.00193	0.00227	—	26.7280	26.7280	0.00228	0.00421	0.02225	28.0619

3.2. Site Preparation (2026)

3.2.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.23422	1.16167	16.2835	47.4141	0.07441	0.24082	—	0.24082	0.23200	—	0.23200	—	7,434.73	7,434.73	0.30159	0.06032	—	7,460.24

Dust From Material Movement	—	—	—	—	—	—	0.00762	0.00762	—	0.00115	0.00115	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10144	0.09548	1.33837	3.89705	0.00612	0.01979	—	0.01979	0.01907	—	0.01907	—	611.074	611.074	0.02479	0.00496	—	613.171
Dust From Material Movement	—	—	—	—	—	—	0.00063	0.00063	—	0.00009	0.00009	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01851	0.01743	0.24425	0.71121	0.00112	0.00361	—	0.00361	0.00348	—	0.00348	—	101.170	101.170	0.00410	0.00082	—	101.517
Dust From Material Movement	—	—	—	—	—	—	0.00011	0.00011	—	0.00002	0.00002	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14524	0.12966	0.12659	1.43038	0.00000	0.00000	0.37199	0.37199	0.00000	0.08719	0.08719	—	354.669	354.669	0.00893	0.01558	0.03652	359.571
Vendor	0.01130	0.00474	0.19818	0.08450	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	157.227	157.227	0.00643	0.02328	0.01069	164.337
Hauling	0.16948	0.04842	2.80493	1.07953	0.01495	0.04273	0.59884	0.64157	0.02848	0.16395	0.19244	—	2,224.02	2,224.02	0.11892	0.35106	0.12382	2,331.74
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01186	0.01058	0.00921	0.11393	0.00000	0.00000	0.03003	0.03003	0.00000	0.00703	0.00703	—	29.3477	29.3477	0.00065	0.00120	0.04993	29.7712
Vendor	0.00095	0.00040	0.01598	0.00684	0.00009	0.00018	0.00342	0.00361	0.00018	0.00095	0.00113	—	12.9166	12.9166	0.00053	0.00191	0.01463	13.5146
Hauling	0.01405	0.00410	0.22574	0.08820	0.00123	0.00351	0.04855	0.05207	0.00234	0.01331	0.01565	—	182.740	182.740	0.00983	0.02880	0.16906	191.736
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00216	0.00193	0.00168	0.02079	0.00000	0.00000	0.00548	0.00548	0.00000	0.00128	0.00128	—	4.85885	4.85885	0.00011	0.00020	0.00827	4.92896
Vendor	0.00017	0.00007	0.00292	0.00125	0.00002	0.00003	0.00062	0.00066	0.00003	0.00017	0.00021	—	2.13849	2.13849	0.00009	0.00032	0.00242	2.23750
Hauling	0.00256	0.00075	0.04120	0.01610	0.00022	0.00064	0.00886	0.00950	0.00043	0.00243	0.00286	—	30.2547	30.2547	0.00163	0.00477	0.02799	31.7441

3.3. Grading (2027)

3.3.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.91707	2.79580	29.4732	127.245	0.20860	0.57258	—	0.57258	0.55850	—	0.55850	—	21,864.1	21,864.1	0.88690	0.17738	—	21,939.1

Dust From Material Movement	—	—	—	—	—	—	9.53503	9.53503	—	4.14207	4.14207	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.23976	0.22979	2.42245	10.4585	0.01715	0.04706	—	0.04706	0.04590	—	0.04590	—	1,797.05	1,797.05	0.07290	0.01458	—	1,803.22
Dust From Material Movement	—	—	—	—	—	—	0.78370	0.78370	—	0.34044	0.34044	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04376	0.04194	0.44210	1.90868	0.00313	0.00859	—	0.00859	0.00838	—	0.00838	—	297.522	297.522	0.01207	0.00241	—	298.543
Dust From Material Movement	—	—	—	—	—	—	0.14303	0.14303	—	0.06213	0.06213	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.27277	0.24248	0.21972	2.61636	0.00000	0.00000	0.72332	0.72332	0.00000	0.16954	0.16954	—	676.910	676.910	0.01736	0.03029	0.06423	686.434
Vendor	0.01130	0.00474	0.19111	0.08188	0.00111	0.00222	0.04228	0.04450	0.00222	0.01168	0.01390	—	154.116	154.116	0.00643	0.02328	0.00999	161.224
Hauling	0.15452	0.03347	2.71664	1.05105	0.01495	0.04273	0.59884	0.64157	0.02848	0.16395	0.19244	—	2,175.88	2,175.88	0.11892	0.35035	0.11446	2,283.37
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02210	0.01961	0.01573	0.20861	0.00000	0.00000	0.05840	0.05840	0.00000	0.01367	0.01367	—	56.0131	56.0131	0.00127	0.00233	0.08781	56.8271
Vendor	0.00094	0.00040	0.01538	0.00663	0.00009	0.00018	0.00342	0.00361	0.00018	0.00095	0.00113	—	12.6608	12.6608	0.00053	0.00191	0.01371	13.2579
Hauling	0.01282	0.00293	0.21966	0.08592	0.00123	0.00351	0.04855	0.05207	0.00234	0.01331	0.01565	—	178.782	178.782	0.00977	0.02880	0.15668	187.764
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00403	0.00358	0.00287	0.03807	0.00000	0.00000	0.01066	0.01066	0.00000	0.00250	0.00250	—	9.27360	9.27360	0.00021	0.00039	0.01454	9.40838
Vendor	0.00017	0.00007	0.00281	0.00121	0.00002	0.00003	0.00062	0.00066	0.00003	0.00017	0.00021	—	2.09614	2.09614	0.00009	0.00032	0.00227	2.19500
Hauling	0.00234	0.00053	0.04009	0.01568	0.00022	0.00064	0.00886	0.00950	0.00043	0.00243	0.00286	—	29.5994	29.5994	0.00162	0.00477	0.02594	31.0866

3.4. Building Construction (2027)

3.4.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.19061	3.02221	46.8925	118.844	0.19947	0.58966	—	0.58966	0.56985	—	0.56985	—	19,486.1	19,486.1	0.79044	0.15809	—	19,553.0
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.19061	3.02221	46.8925	118.844	0.19947	0.58966	—	0.58966	0.56985	—	0.56985	—	19,486.1	19,486.1	0.79044	0.15809	—	19,553.0
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.36017	2.23561	34.6876	87.9120	0.14756	0.43618	—	0.43618	0.42153	—	0.42153	—	14,414.4	14,414.4	0.58471	0.11694	—	14,463.9
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.43073	0.40800	6.33049	16.0439	0.02693	0.07960	—	0.07960	0.07693	—	0.07693	—	2,386.47	2,386.47	0.09681	0.01936	—	2,394.66
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32289	0.29002	0.18895	3.42541	0.00000	0.00000	0.83843	0.83843	0.00000	0.19653	0.19653	—	845.706	845.706	0.01342	0.03287	2.86572	858.702
Vendor	0.08012	0.03465	1.24853	0.55185	0.00770	0.01540	0.29298	0.30838	0.01540	0.08094	0.09634	—	1,067.11	1,067.11	0.04455	0.16134	2.66472	1,118.97
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31618	0.28107	0.25469	3.03276	0.00000	0.00000	0.83843	0.83843	0.00000	0.19653	0.19653	—	784.642	784.642	0.02012	0.03511	0.07445	795.681
Vendor	0.07829	0.03282	1.32443	0.56743	0.00770	0.01540	0.29298	0.30838	0.01540	0.08094	0.09634	—	1,068.03	1,068.03	0.04455	0.16134	0.06926	1,117.29
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.23058	0.20461	0.16408	2.17626	0.00000	0.00000	0.60922	0.60922	0.00000	0.14263	0.14263	—	584.349	584.349	0.01323	0.02431	0.91602	592.841
Vendor	0.05859	0.02495	0.95951	0.41364	0.00570	0.01139	0.21349	0.22488	0.01139	0.05907	0.07046	—	789.657	789.657	0.03296	0.11935	0.85526	826.901
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04208	0.03734	0.02995	0.39717	0.00000	0.00000	0.11118	0.11118	0.00000	0.02603	0.02603	—	96.7456	96.7456	0.00219	0.00403	0.15166	98.1517
Vendor	0.01069	0.00455	0.17511	0.07549	0.00104	0.00208	0.03896	0.04104	0.00208	0.01078	0.01286	—	130.737	130.737	0.00546	0.01976	0.14160	136.903
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2027)

3.5.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.89137	1.81232	16.1428	83.5368	0.13817	0.38547	—	0.38547	0.37601	—	0.37601	—	14,599.1	14,599.1	0.59220	0.11844	—	14,649.2
Paving	0.20062	0.20062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32646	0.31281	2.78629	14.4187	0.02385	0.06653	—	0.06653	0.06490	—	0.06490	—	2,519.85	2,519.85	0.10222	0.02044	—	2,528.50
Paving	0.03463	0.03463	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05958	0.05709	0.50850	2.63141	0.00435	0.01214	—	0.01214	0.01184	—	0.01184	—	417.190	417.190	0.01692	0.00338	—	418.622
Paving	0.00632	0.00632	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17145	0.15242	0.13811	1.64457	0.00000	0.00000	0.45466	0.45466	0.00000	0.10657	0.10657	—	425.487	425.487	0.01091	0.01904	0.04037	431.473
Vendor	0.00377	0.00158	0.06370	0.02729	0.00037	0.00074	0.01409	0.01483	0.00074	0.00389	0.00463	—	51.3719	51.3719	0.00214	0.00776	0.00333	53.7414
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.02917	0.02589	0.02076	0.27536	0.00000	0.00000	0.07708	0.07708	0.00000	0.01805	0.01805	—	73.9372	73.9372	0.00167	0.00308	0.11590	75.0118
Vendor	0.00066	0.00028	0.01077	0.00464	0.00006	0.00013	0.00240	0.00252	0.00013	0.00066	0.00079	—	8.86254	8.86254	0.00037	0.00134	0.00960	9.28054
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00532	0.00472	0.00379	0.05025	0.00000	0.00000	0.01407	0.01407	0.00000	0.00329	0.00329	—	12.2412	12.2412	0.00028	0.00051	0.01919	12.4191
Vendor	0.00012	0.00005	0.00197	0.00085	0.00001	0.00002	0.00044	0.00046	0.00002	0.00012	0.00014	—	1.46730	1.46730	0.00006	0.00022	0.00159	1.53650
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Paving (2028)

3.6.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.89015	1.81132	16.1338	83.5336	0.13819	0.38425	—	0.38425	0.37489	—	0.37489	—	14,600.3	14,600.3	0.59225	0.11845	—	14,650.4
Paving	0.20062	0.20062	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13982	0.13399	1.19346	6.17919	0.01022	0.02842	—	0.02842	0.02773	—	0.02773	—	1,080.02	1,080.02	0.04381	0.00876	—	1,083.73
Paving	0.01484	0.01484	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02552	0.02445	0.21781	1.12770	0.00187	0.00519	—	0.00519	0.00506	—	0.00506	—	178.810	178.810	0.00725	0.00145	—	179.424
Paving	0.00271	0.00271	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16660	0.14757	0.12150	1.54332	0.00000	0.00000	0.45466	0.45466	0.00000	0.10657	0.10657	—	417.956	417.956	0.00970	0.01904	0.03611	423.907
Vendor	0.00340	0.00158	0.06117	0.02642	0.00037	0.00074	0.01409	0.01483	0.00074	0.00389	0.00463	—	50.1583	50.1583	0.00210	0.00739	0.00310	52.4160
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01214	0.01083	0.00881	0.11088	0.00000	0.00000	0.03304	0.03304	0.00000	0.00773	0.00773	—	31.1267	31.1267	0.00063	0.00132	0.04457	31.5799
Vendor	0.00025	0.00012	0.00443	0.00193	0.00003	0.00005	0.00103	0.00108	0.00005	0.00028	0.00034	—	3.70840	3.70840	0.00016	0.00054	0.00382	3.87803
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00222	0.00198	0.00161	0.02024	0.00000	0.00000	0.00603	0.00603	0.00000	0.00141	0.00141	—	5.15339	5.15339	0.00010	0.00022	0.00738	5.22842
Vendor	0.00005	0.00002	0.00081	0.00035	0.00001	0.00001	0.00019	0.00020	0.00001	0.00005	0.00006	—	0.61397	0.61397	0.00003	0.00009	0.00063	0.64205
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7. Architectural Coating (2028)

3.7.1. Onsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70728	0.60810	7.89884	8.74938	0.01523	0.16396	—	0.16396	0.15205	—	0.15205	—	1,383.79	1,383.79	0.05613	0.01123	—	1,388.53
Architectural Coatings	58.5008	58.5008	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08720	0.07497	0.97383	1.07869	0.00188	0.02021	—	0.02021	0.01875	—	0.01875	—	170.604	170.604	0.00692	0.00138	—	171.189
Architectural Coatings	7.21243	7.21243	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.01591	0.01368	0.17772	0.19686	0.00034	0.00369	—	0.00369	0.00342	—	0.00342	—	28.2454	28.2454	0.00115	0.00023	—	28.3423
Architectural Coatings	1.31627	1.31627	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.7.2. Offsite - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06145	0.05443	0.04481	0.56921	0.00000	0.00000	0.16769	0.16769	0.00000	0.03931	0.03931	—	154.151	154.151	0.00358	0.00702	0.01332	156.346
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00747	0.00665	0.00541	0.06816	0.00000	0.00000	0.02031	0.02031	0.00000	0.00475	0.00475	—	19.1337	19.1337	0.00039	0.00081	0.02740	19.4122
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00136	0.00121	0.00099	0.01244	0.00000	0.00000	0.00371	0.00371	0.00000	0.00087	0.00087	—	3.16780	3.16780	0.00006	0.00013	0.00454	3.21392
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	9/1/2026	11/29/2026	7.00000	90.0000	—
Site Preparation	Site Preparation	12/1/2026	12/30/2026	7.00000	30.0000	—
Grading	Grading	1/1/2027	1/30/2027	7.00000	30.0000	—
Building Construction	Building Construction	2/1/2027	10/28/2027	7.00000	270.000	—
Paving	Paving	10/30/2027	1/27/2028	7.00000	90.0000	—
Architectural Coating	Architectural Coating	1/28/2028	3/12/2028	7.00000	45.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Aerial Lifts	Diesel	Tier 4 Final	2.00000	12.0000	46.0000	0.31000
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Demolition	Bore/Drill Rigs	Diesel	Tier 4 Final	1.000000	12.0000	83.0000	0.50000

Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	4.00000	12.0000	33.0000	0.73000
Demolition	Air Compressors	Diesel	Tier 4 Final	4.00000	12.0000	37.0000	0.48000
Demolition	Cranes	Diesel	Tier 4 Final	1.000000	12.0000	367.000	0.29000
Demolition	Crawler Tractors	Diesel	Tier 4 Final	1.000000	12.0000	87.0000	0.43000
Demolition	Crushing/Proc. Equipment	Gasoline	Average	2.00000	12.0000	12.0000	0.85000
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00000	12.0000	367.000	0.40000
Demolition	Dumpers/Tenders	Diesel	Average	2.00000	12.0000	16.0000	0.38000
Demolition	Excavators	Diesel	Tier 4 Final	3.00000	12.0000	36.0000	0.38000
Demolition	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	12.0000	84.0000	0.37000
Demolition	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00000	12.0000	150.000	0.36000
Demolition	Off-Highway Tractors	Diesel	Tier 4 Final	1.000000	12.0000	38.0000	0.44000
Demolition	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	12.0000	376.000	0.38000
Demolition	Rough Terrain Forklifts	Diesel	Tier 4 Final	2.00000	12.0000	96.0000	0.40000
Demolition	Scrapers	Diesel	Tier 4 Final	2.00000	12.0000	423.000	0.48000
Demolition	Skid Steer Loaders	Diesel	Tier 4 Final	1.000000	12.0000	71.0000	0.37000
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Demolition	Trenchers	Diesel	Tier 4 Final	2.00000	12.0000	40.0000	0.50000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Site Preparation	Bore/Drill Rigs	Diesel	Tier 4 Final	1.000000	12.0000	83.0000	0.50000
Site Preparation	Plate Compactors	Diesel	Average	1.000000	12.0000	8.00000	0.43000
Site Preparation	Air Compressors	Diesel	Tier 4 Final	4.00000	12.0000	37.0000	0.48000
Site Preparation	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	12.0000	84.0000	0.37000
Site Preparation	Off-Highway Tractors	Diesel	Tier 4 Final	1.000000	12.0000	38.0000	0.44000

Site Preparation	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	12.0000	376.000	0.38000
Site Preparation	Skid Steer Loaders	Diesel	Tier 4 Final	1.000000	12.0000	71.0000	0.37000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Site Preparation	Trenchers	Diesel	Tier 4 Final	2.00000	12.0000	40.0000	0.50000
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00000	12.0000	84.0000	0.37000
Grading	Bore/Drill Rigs	Diesel	Tier 4 Final	1.000000	12.0000	83.0000	0.50000
Grading	Plate Compactors	Diesel	Average	2.00000	12.0000	8.00000	0.43000
Grading	Air Compressors	Diesel	Tier 4 Final	4.00000	12.0000	37.0000	0.48000
Grading	Crawler Tractors	Diesel	Tier 4 Final	1.000000	12.0000	87.0000	0.43000
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00000	12.0000	367.000	0.40000
Grading	Dumpers/Tenders	Diesel	Average	2.00000	12.0000	16.0000	0.38000
Grading	Excavators	Diesel	Tier 4 Final	3.00000	12.0000	36.0000	0.38000
Grading	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Grading	Graders	Diesel	Tier 4 Final	1.000000	12.0000	148.000	0.41000
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	12.0000	84.0000	0.37000
Grading	Rubber Tired Loaders	Diesel	Tier 4 Final	2.00000	12.0000	150.000	0.36000
Grading	Off-Highway Tractors	Diesel	Tier 4 Final	1.000000	12.0000	38.0000	0.44000
Grading	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	12.0000	376.000	0.38000
Grading	Rollers	Diesel	Tier 4 Final	2.00000	12.0000	36.0000	0.38000
Grading	Scrapers	Diesel	Tier 4 Final	2.00000	12.0000	423.000	0.48000
Grading	Skid Steer Loaders	Diesel	Tier 4 Final	1.000000	12.0000	71.0000	0.37000
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Grading	Trenchers	Diesel	Tier 4 Final	2.00000	12.0000	40.0000	0.50000
Building Construction	Aerial Lifts	Diesel	Tier 4 Final	4.00000	12.0000	46.0000	0.31000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00000	12.0000	84.0000	0.37000

Building Construction	Cement and Mortar Mixers	Diesel	Average	4.00000	12.0000	10.00000	0.56000
Building Construction	Air Compressors	Diesel	Tier 4 Final	4.00000	12.0000	37.0000	0.48000
Building Construction	Cranes	Diesel	Tier 4 Final	1.000000	12.0000	367.000	0.29000
Building Construction	Crawler Tractors	Diesel	Tier 4 Final	1.000000	12.0000	87.0000	0.43000
Building Construction	Excavators	Diesel	Tier 4 Final	2.00000	12.0000	36.0000	0.38000
Building Construction	Forklifts	Diesel	Tier 4 Final	2.00000	12.0000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Building Construction	Pressure Washers	Diesel	Average	1.000000	12.0000	14.0000	0.30000
Building Construction	Pumps	Diesel	Average	1.000000	12.0000	11.0000	0.74000
Building Construction	Rollers	Diesel	Tier 4 Final	2.00000	12.0000	36.0000	0.38000
Building Construction	Skid Steer Loaders	Diesel	Tier 4 Final	1.000000	12.0000	71.0000	0.37000
Building Construction	Surfacing Equipment	Diesel	Tier 4 Final	4.00000	12.0000	399.000	0.30000
Building Construction	Sweepers/Scrubbers	Diesel	Tier 4 Final	2.00000	12.0000	36.0000	0.46000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Building Construction	Trenchers	Diesel	Tier 4 Final	2.00000	12.0000	40.0000	0.50000
Building Construction	Welders	Diesel	Tier 4 Final	5.00000	12.0000	46.0000	0.45000
Building Construction	Concrete/Industrial Saws	Diesel	Tier 4 Final	4.00000	12.0000	33.0000	0.73000
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	12.0000	84.0000	0.37000
Paving	Cement and Mortar Mixers	Diesel	Average	1.000000	12.0000	10.00000	0.56000
Paving	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.000000	12.0000	33.0000	0.73000
Paving	Crawler Tractors	Diesel	Tier 4 Final	1.000000	12.0000	87.0000	0.43000
Paving	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.000000	12.0000	84.0000	0.37000
Paving	Off-Highway Tractors	Diesel	Tier 4 Final	1.000000	12.0000	38.0000	0.44000

Paving	Off-Highway Trucks	Diesel	Tier 4 Final	1.000000	12.0000	376.000	0.38000
Paving	Pavers	Diesel	Tier 4 Final	2.00000	12.0000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00000	12.0000	89.0000	0.36000
Paving	Rollers	Diesel	Tier 4 Final	2.00000	12.0000	36.0000	0.38000
Paving	Skid Steer Loaders	Diesel	Tier 4 Final	1.000000	12.0000	71.0000	0.37000
Paving	Surfacing Equipment	Diesel	Tier 4 Final	4.00000	12.0000	399.000	0.30000
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00000	12.0000	84.0000	0.37000
Architectural Coating	Aerial Lifts	Diesel	Tier 4 Final	4.00000	12.0000	46.0000	0.31000
Architectural Coating	Generator Sets	Diesel	Average	2.00000	12.0000	14.0000	0.74000
Architectural Coating	Pressure Washers	Diesel	Average	1.000000	12.0000	14.0000	0.30000
Architectural Coating	Pumps	Diesel	Average	1.000000	12.0000	11.0000	0.74000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	Worker	100.0000	11.7000	LDA,LDT1,LDT2
Demolition	Vendor	6.00000	8.40000	HHDT,MHDT
Demolition	Hauling	47.5444	3.60000	HHDT
Demolition	Onsite truck	0.00000	20.0000	HHDT
Site Preparation	Worker	45.0000	11.7000	LDA,LDT1,LDT2
Site Preparation	Vendor	6.00000	8.40000	HHDT,MHDT
Site Preparation	Hauling	32.3000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	20.0000	HHDT
Grading	Worker	87.5000	11.7000	LDA,LDT1,LDT2
Grading	Vendor	6.00000	8.40000	HHDT,MHDT
Grading	Hauling	32.3000	20.0000	HHDT
Grading	Onsite truck	0.00000	20.0000	HHDT

Building Construction	Worker	101.426	11.7000	LDA,LDT1,LDT2
Building Construction	Vendor	41.5802	8.40000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	20.0000	HHDT
Paving	Worker	55.0000	11.7000	LDA,LDT1,LDT2
Paving	Vendor	2.00000	8.40000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	20.0000	HHDT
Architectural Coating	Worker	20.2852	11.7000	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	8.40000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%
Sweep paved roads once per month	9%	9%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00000	0.00000	362,235	120,745	24,453.0

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00000	0.00000	0.00000	17,114.0	0.00000
Site Preparation	7,750.00	—	0.00000	0.00000	0.00000
Grading	7,750.00	—	180.000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	9.35606

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Unrefrigerated Warehouse-No Rail	0.00000	0%
Paving	Parking Lot	2.23209	100%
Paving	Other Asphalt Surfaces	4.65932	100%
Paving	Other Non-Asphalt Surfaces	2.46465	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00000	203.983	0.03300	0.00400
2027	0.00000	203.983	0.03300	0.00400
2028	0.00000	203.983	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	8.85000	annual days of extreme heat
Extreme Precipitation	5.80000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	9.75000	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	2	1	1	3
Sea Level Rise	1	1	1	2

Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	7.51711
AQ-PM	28.9857
AQ-DPM	95.0218
Drinking Water	4.20882
Lead Risk Housing	84.6881
Pesticides	0.00000
Toxic Releases	50.1750
Traffic	94.2875
Effect Indicators	—
CleanUp Sites	90.1456
Groundwater	83.3970
Haz Waste Facilities/Generators	81.0589

Impaired Water Bodies	12.4528
Solid Waste	86.5063
Sensitive Population	—
Asthma	89.4816
Cardio-vascular	63.0484
Low Birth Weights	54.8499
Socioeconomic Factor Indicators	—
Education	64.5153
Housing	34.2459
Linguistic	83.8408
Poverty	70.1256
Unemployment	30.8824

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	43.89837033
Employed	79.81521879
Median HI	39.00936738
Education	—
Bachelor's or higher	45.73335044
High school enrollment	100
Preschool enrollment	1.873476197
Transportation	—
Auto Access	31.27165405
Active commuting	75.78596176
Social	—

2-parent households	38.71423072
Voting	45.0019248
Neighborhood	—
Alcohol availability	38.99653535
Park access	37.3668677
Retail density	83.81881175
Supermarket access	85.02502246
Tree canopy	44.79661234
Housing	—
Homeownership	30.83536507
Housing habitability	35.26241499
Low-inc homeowner severe housing cost burden	91.53086103
Low-inc renter severe housing cost burden	39.47132042
Uncrowded housing	22.16091364
Health Outcomes	—
Insured adults	49.96791993
Arthritis	22.3
Asthma ER Admissions	8.8
High Blood Pressure	34.2
Cancer (excluding skin)	32.7
Asthma	46.1
Coronary Heart Disease	28.5
Chronic Obstructive Pulmonary Disease	37.6
Diagnosed Diabetes	33.2
Life Expectancy at Birth	67.1
Cognitively Disabled	76.7
Physically Disabled	24.6
Heart Attack ER Admissions	29.6

Mental Health Not Good	51.7
Chronic Kidney Disease	35.4
Obesity	64.2
Pedestrian Injuries	60.3
Physical Health Not Good	43.5
Stroke	22.5
Health Risk Behaviors	—
Binge Drinking	91.6
Current Smoker	50.3
No Leisure Time for Physical Activity	35.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	65.5
Elderly	45.2
English Speaking	25.6
Foreign-born	74.8
Outdoor Workers	53.8
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.2
Traffic Density	94.8
Traffic Access	53.6
Other Indices	—
Hardship	53.6
Other Decision Support	—
2016 Voting	32.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	80.0000
Healthy Places Index Score for Project Location (b)	48.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Construction: Construction Phases	CalEEMod durations are based on calendar days provided by applicant for each construction activity with an assumed start date of September 2026. Assumes 7 day work week based on data from applicant. Assumes Paving and Architectural Coating will end at the same time as Building Construction
Construction: Off-Road Equipment	based on equipment provided by applicant for a 7am-7pm schedule
Construction: Trips and VMT	Added one way trips for water trucks based on equipment data provided for each construction activity. 3.6 miles/trip for demolition provided by applicant

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Demolition	Demolition	End Date	9/29/2026	11/29/2026
Demolition	Demolition	Days/Week	5.00000	7.00000
Demolition	Demolition	Work Days per Phase	20.0000	90.0000
Site Preparation	Site Preparation	Start Date	9/30/2026	12/1/2026
Site Preparation	Site Preparation	End Date	10/14/2026	12/30/2026
Site Preparation	Site Preparation	Days/Week	5.00000	7.00000
Site Preparation	Site Preparation	Work Days per Phase	10.00000	30.0000
Grading	Grading	Start Date	10/15/2026	1/1/2027
Grading	Grading	End Date	11/26/2026	1/30/2027
Grading	Grading	Days/Week	5.00000	7.00000
Building Construction	Building Construction	Start Date	11/27/2026	2/1/2027
Building Construction	Building Construction	End Date	1/21/2028	10/28/2027
Building Construction	Building Construction	Days/Week	5.00000	7.00000
Building Construction	Building Construction	Work Days per Phase	300.000	270.000
Paving	Paving	Start Date	1/22/2028	10/30/2027
Paving	Paving	End Date	2/19/2028	1/27/2028
Paving	Paving	Days/Week	5.00000	7.00000
Paving	Paving	Work Days per Phase	20.0000	90.0000
Architectural Coating	Architectural Coating	Start Date	2/20/2028	1/28/2028
Architectural Coating	Architectural Coating	End Date	3/19/2028	3/12/2028
Architectural Coating	Architectural Coating	Days/Week	5.00000	7.00000
Architectural Coating	Architectural Coating	Work Days per Phase	20.0000	45.0000

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value

Demolition	Aerial Lifts	Engine Tier	Average	Tier 4 Final
Demolition	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Demolition	Bore/Drill Rigs	Engine Tier	Average	Tier 4 Final
Demolition	Concrete/Industrial Saws	Engine Tier	Average	Tier 4 Final
Demolition	Air Compressors	Engine Tier	Average	Tier 4 Final
Demolition	Cranes	Engine Tier	Average	Tier 4 Final
Demolition	Crawler Tractors	Engine Tier	Average	Tier 4 Final
Demolition	Rubber Tired Dozers	Engine Tier	Average	Tier 4 Final
Demolition	Excavators	Engine Tier	Average	Tier 4 Final
Demolition	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Demolition	Rubber Tired Loaders	Engine Tier	Average	Tier 4 Final
Demolition	Off-Highway Tractors	Engine Tier	Average	Tier 4 Final
Demolition	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Demolition	Rough Terrain Forklifts	Engine Tier	Average	Tier 4 Final
Demolition	Scrapers	Engine Tier	Average	Tier 4 Final
Demolition	Skid Steer Loaders	Engine Tier	Average	Tier 4 Final
Demolition	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Demolition	Trenchers	Engine Tier	Average	Tier 4 Final
Site Preparation	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Site Preparation	Bore/Drill Rigs	Engine Tier	Average	Tier 4 Final
Site Preparation	Air Compressors	Engine Tier	Average	Tier 4 Final
Site Preparation	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Site Preparation	Off-Highway Tractors	Engine Tier	Average	Tier 4 Final
Site Preparation	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Site Preparation	Skid Steer Loaders	Engine Tier	Average	Tier 4 Final
Site Preparation	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Site Preparation	Trenchers	Engine Tier	Average	Tier 4 Final
Grading	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final

Grading	Tractors/Loaders/Backhoes	Number per Day	2.00000	3.00000
Grading	Tractors/Loaders/Backhoes	Hours Per Day	8.00000	12.0000
Grading	Bore/Drill Rigs	Engine Tier	Average	Tier 4 Final
Grading	Air Compressors	Engine Tier	Average	Tier 4 Final
Grading	Crawler Tractors	Engine Tier	Average	Tier 4 Final
Grading	Rubber Tired Dozers	Engine Tier	Average	Tier 4 Final
Grading	Excavators	Engine Tier	Average	Tier 4 Final
Grading	Graders	Engine Tier	Average	Tier 4 Final
Grading	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Grading	Rubber Tired Loaders	Engine Tier	Average	Tier 4 Final
Grading	Off-Highway Tractors	Engine Tier	Average	Tier 4 Final
Grading	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Grading	Rollers	Engine Tier	Average	Tier 4 Final
Grading	Scrapers	Engine Tier	Average	Tier 4 Final
Grading	Skid Steer Loaders	Engine Tier	Average	Tier 4 Final
Grading	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Grading	Trenchers	Engine Tier	Average	Tier 4 Final
Building Construction	Aerial Lifts	Engine Tier	Average	Tier 4 Final
Building Construction	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Building Construction	Air Compressors	Engine Tier	Average	Tier 4 Final
Building Construction	Cranes	Engine Tier	Average	Tier 4 Final
Building Construction	Crawler Tractors	Engine Tier	Average	Tier 4 Final
Building Construction	Excavators	Engine Tier	Average	Tier 4 Final
Building Construction	Forklifts	Engine Tier	Average	Tier 4 Final
Building Construction	Rollers	Engine Tier	Average	Tier 4 Final
Building Construction	Skid Steer Loaders	Engine Tier	Average	Tier 4 Final
Building Construction	Surfacing Equipment	Engine Tier	Average	Tier 4 Final
Building Construction	Sweepers/Scrubbers	Engine Tier	Average	Tier 4 Final

Building Construction	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Building Construction	Trenchers	Engine Tier	Average	Tier 4 Final
Building Construction	Welders	Engine Tier	Average	Tier 4 Final
Building Construction	Concrete/Industrial Saws	Engine Tier	Average	Tier 4 Final
Paving	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Paving	Concrete/Industrial Saws	Engine Tier	Average	Tier 4 Final
Paving	Crawler Tractors	Engine Tier	Average	Tier 4 Final
Paving	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Paving	Off-Highway Tractors	Engine Tier	Average	Tier 4 Final
Paving	Off-Highway Trucks	Engine Tier	Average	Tier 4 Final
Paving	Pavers	Engine Tier	Average	Tier 4 Final
Paving	Paving Equipment	Engine Tier	Average	Tier 4 Final
Paving	Rollers	Engine Tier	Average	Tier 4 Final
Paving	Skid Steer Loaders	Engine Tier	Average	Tier 4 Final
Paving	Surfacing Equipment	Engine Tier	Average	Tier 4 Final
Paving	Tractors/Loaders/Backhoes	Engine Tier	Average	Tier 4 Final
Architectural Coating	Aerial Lifts	Engine Tier	Average	Tier 4 Final

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Demolition	Hauling	Miles per Trip	20.0000	3.60000
Building Construction	Vendor	One-Way Trips per Day	39.5802	41.5802

Appendix C

Cultural Resources Technical Report

Rincon Consultants, Inc.
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Oakland, California 94607
510-834-4455

March 19, 2026
Project No: 25-18463

Lourdes Juarez
City of San Leandro, Community Development Department
835 East 14th Street
San Leandro, California 94577
Via email: LJuarez@sanleandro.org

Subject: Cultural Resources Assessment, 3199 Alvarado Street Industrial Project, San Leandro, Alameda County, California 94578

Dear Ms. Juarez:

This letter report presents the findings of a cultural resources assessment completed in support of the 3199 Alvarado Street Industrial Project (project) in San Leandro, Alameda County, California. The City of San Leandro retained Rincon Consultants, Inc. (Rincon) to support the project's compliance with the California Environmental Quality Act (CEQA) and applicable local regulations, including the City of San Leandro Municipal Code.

Principal Planner Abe Leider, AICP CEP, conducted a pedestrian survey of the project site under direction of Senior Architectural Historian Michelle Anderson, MA. Ms. Anderson conducted archival research and was the primary author of this assessment. Architectural Historian Josh Bevan, MSHP, assisted with historic context development. Archaeologist Eleni Ziogas, BA, is also a contributing author of this study. Cultural Resources Principal Margo Nayyar, MA, provided senior oversight and quality assurance. Geographic Information Systems Analyst Kaylee Herbold prepared the figures found in this report. Ms. Anderson, Mr. Bevan, and Ms. Nayyar meet the Secretary of the Interior's Professional Qualifications Standards (PQS) for history and architectural history (36 CFR, Part 61).

Project Site and Description

The project site is approximately 14.9 acres and is comprised of Assessor Parcel Number (APN) 77B-1201-15 and is zoned as Industrial General. The site is currently developed with a 252,220 square-foot, 36-foot (one story) tall warehouse building and surface parking. Interstate (I)-880 is to the west, commercial and light industrial uses are to the north and east, and single-family residences are to the south. The project would involve demolition of the existing building and subsequent construction of a one-story, 241,488 square-foot warehouse building with two office spaces and associated site and parking improvements. The proposed warehouse structure would have a maximum height of 46 feet.

The project encompasses a portion of Township 3S, Range 3W, Sections 1 and 2 on the *San Leandro, California* United States Geological Survey (USGS) 7.5-minute topographic quadrangle.

Regulatory Setting

State

California Environmental Quality Act

California Public Resources Code (PRC) Section 21084.1 requires lead agencies to determine if a project could have a significant impact on historical or unique archaeological resources. As defined in PRC Section 21084.1, a historical resource is a resource listed in, or determined eligible for listing in,

the CRHR, a resource included in a local register of historical resources or identified in a historical resources survey pursuant to PRC Section 5024.1(g), or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant. PRC Section 21084.1 also states resources meeting the above criteria are presumed to be historically or cultural significant unless the preponderance of evidence demonstrates otherwise. Resources listed in the NRHP are automatically listed in the CRHR, as are California Historical Landmarks 770 and above; both are therefore historical resources under CEQA. Historical resources may include eligible built environment resources and archaeological resources of the precontact or historic periods.

CEQA Guidelines Section 15064.5(c) provides further guidance on the consideration of archaeological resources. If an archaeological resource does not qualify as a historical resource, it may meet the definition of a "unique archaeological resource" as identified in PRC Section 21083.2. PRC Section 21083.2(g) defines a *unique archaeological resource* as an 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) it 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, or 3) is directly associated with a scientifically recognized important prehistoric or historic event or person.

If an archaeological resource does not qualify as a historical or unique archaeological resource, the impacts of a project on those resources will be less than significant and need not be considered further (*CEQA Guidelines* Section 15064.5[c][4]). *CEQA Guidelines* Section 15064.5 also provides guidance for addressing the potential presence of human remains, including those discovered during the implementation of a project.

According to CEQA, an impact that results in a substantial adverse change in the significance of a historical resource is considered a significant impact on the environment. A substantial adverse change could result from physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of the historical resource would be materially impaired (*CEQA Guidelines* Section 15064.5 [b][1]). *Material impairment* is defined as demolition or alteration in an adverse manner [of] those characteristics of a historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the CRHR or a local register (*CEQA Guidelines* Section 15064.5[b][2][A]).

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 resources cannot be left undisturbed, mitigation measures are required (PRC Section 21083.2[a][b]).

The requirements for mitigation measures under CEQA are outlined in *CEQA Guidelines* Section 15126.4(a)(1). In addition to being fully enforceable, mitigation measures must be completed within a defined time period and be roughly proportional to the impacts of the project. Generally, a project which is found to comply with the Secretary of the Interior's *Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings* (Standards) is considered to be mitigated below a level of significance (*CEQA Guidelines* Section 15126.4 [b][1]). For historical resources of an archaeological nature, lead agencies should also seek to avoid damaging effects where feasible. Preservation in place is the preferred manner to mitigate impacts to archaeological sites; however, data recovery through excavation may be the only option in certain instances (*CEQA Guidelines* Section 15126.4[b][3]).

As outlined in *CEQA Guidelines* Section 15164, a lead agency shall prepare an addendum to a previously certified EIR or a (mitigated) negative declaration (M)ND adopted for a proposed project, if

some changes or additions are necessary but none of the conditions described in *CEQA Guidelines* Section 15162 calling for preparation of a subsequent EIR or (M)ND have occurred. The conditions described in Section 15162 include the following:

1. Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
2. Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
3. New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the Negative Declaration was adopted, shows any of the following:
    a. The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
    b. Significant effects previously examined will be substantially more severe than shown in the previous EIR [or negative declaration];
    c. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
    d. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

The *CEQA Guidelines* Section 15164 states that the lead agency or responsible agency shall prepare an addendum to an adopted EIR or negative declaration if only minor changes or additions are necessary but none of the conditions described above have occurred. The *CEQA Guidelines* further specify that a brief explanation of the decision not to prepare a subsequent EIR should be included in one of the following: the addendum itself, the lead agency's findings on the project, or elsewhere in the record. Pursuant to the *CEQA Guidelines*, an addendum does not need to be circulated for public review but can be included in or attached to the adopted EIR prior to deciding on the project.

The purpose of the EIR addendum is to analyze the environmental impacts of the proposed project in relation to the environmental impacts identified for the project site in the certified Housing Incentive Program Expansion and 788 San Antonio Road Mixed-Use Project EIR. The analysis presented herein was conducted pursuant to the requirements of *CEQA Guidelines* Section 15162 to support the discussion of cultural resources in the addendum.

National Register of Historic Places

Although the project does not have a federal nexus, properties which are listed in or have been formally determined eligible for listing in the NRHP are automatically listed in the CRHR. The following is therefore presented to provide applicable regulatory context. Authorized by Section 101 of the National Historic Preservation Act (NHPA), the NRHP is the nation's official list of cultural resources worthy of preservation. The NRHP recognizes the quality of significance in American, state, and local history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures,

and objects. Per 36 Code of Federal Regulations Part 60.4, a property is eligible for listing in the NRHP if it meets one or more of the following criteria:

Criterion A: Is associated with events that have made a significant contribution to the broad patterns of our history

Criterion B: Is associated with the lives of persons significant in our past

Criterion C: Embodies the distinctive characteristics of a type, period, or method of installation, or that represents the work of a master, or that possesses high artistic values, or that represents a significant and distinguishable entity whose components may lack individual distinction

Criterion D: Has yielded, or may be likely to yield, information important in prehistory or history

In addition to meeting at least one of the above designation criteria, resources must also retain integrity. The National Park Service (NPS) recognizes seven aspects or qualities that, considered together, define historic integrity. To retain integrity, a property must possess several of these seven qualities, if not all, defined in the following manner:

Location: The place where the historic property was constructed or the place where the historic event occurred

Design: The combination of elements that create the form, plan, space, structure, and style of a property

Setting: The physical environment of a historic property

Materials: The physical elements that were combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property

Workmanship: The physical evidence of the crafts of a particular culture or people during any given period in history or prehistory

Feeling: A property's expression of the aesthetic or historic sense of a particular period of time

Association: The direct link between an important historic event or person and a historic property

Certain properties are generally considered ineligible for listing in the NRHP, including cemeteries, birthplaces, graves of historical figures, properties owned by religious institutions, relocated structures, or commemorative properties. Additionally, a property must be at least 50 years of age to be eligible for listing in the NRHP. The NPS states that 50 years is the general estimate of the time needed to develop the necessary historical perspective to evaluate significance (NPS 1997). Properties which are less than 50 years must be determined to have "exceptional importance" to be considered eligible for NRHP listing.

California Register of Historical Resources

The CRHR was established in 1992 and codified by PRC Section 5024.1 and Title 14 Section 4852. The CRHR is an authoritative listing and guide to be used by State and local agencies, private groups, and citizens in identifying the existing historical resources of the state and to indicate which resources deserve to be protected, to the extent prudent and feasible, from substantial adverse change (PRC 5024.1[a]). The criteria for eligibility for the CRHR are consistent with the NRHP criteria but have been modified for state use in order to include a range of historical resources that better reflect the history of California (PRC 5024.1[b]). Unlike the NRHP however, the CRHR does not have a defined age threshold for eligibility; rather, a resource may be eligible for the CRHR if it can be demonstrated sufficient time has passed to understand its historical or architectural significance (California Office of

Historic Preservation [OHP] 2011). Furthermore, resources may still be eligible for listing in the CRHR even if they do not retain sufficient integrity for NRHP eligibility (OHP 2011). Generally, the OHP recommends resources over 45 years of age be recorded and evaluated for historical resources eligibility (OHP 1995: 2).

A property is eligible for listing in the CRHR if it meets one of more of the following criteria:

Criterion 1: Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage

Criterion 2: Is associated with the lives of persons important to our past

Criterion 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

Criterion 4: Has yielded, or may be likely to yield, information important in prehistory or history

California Health and Safety Code

Section 7050.5 of the California Health and Safety Code states that in the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the Coroner of the county in which the remains are discovered has determined if the remains are subject to the Coroner's authority. If the human remains are of Native American origin, the Coroner must notify the NAHC within 24 hours of this identification.

California Public Resources Code Section 5097.98

Section 5097.98 of the PRC states that the NAHC, upon notification of the discovery of Native American human remains pursuant to Health and Safety Code Section 7050.5, shall immediately notify those persons (i.e., the Most Likely Descendant [MLD]) that it believes to be descended from the deceased. With permission of the landowner or a designated representative, the MLD may inspect the remains and any associated cultural materials and make recommendations for treatment or disposition of the remains and associated grave goods. The MLD shall provide recommendations or preferences for treatment of the remains and associated cultural materials within 48 hours of being granted access to the site.

Local

City of San Leandro Historic Resource Designation

Chapter 4-26-710 of the City of San Leandro Municipal Code outlines two categories for local historical resource designation: City Landmark and Merit Resource. A City landmark can be a building, structure, object, cultural landscape, site or archaeological site. In order to be designated as a City landmark, a resource must retain a high level of historic and architectural integrity and meet at least one of the following criteria for designation:

a. The resource exemplifies and reflects special or exemplary elements of San Leandro's cultural, social, economic, political, aesthetic, engineering, architectural or natural history, or has important archaeological or anthropological associations;

b. The resource is identified with persons or events significant in local, state, regional or national history;

c. The resource embodies distinctive or exemplary characteristics of a style, type, period or method of construction, or is a valuable example of the use of local materials or craftsmanship;

d. Represents the work of a notable builder, designer, engineer or architect recognized at the state, regional or national level; or

e. The resource may yield important archaeological, ethnographic or anthropological information about the region's past.

A merit resource can be a building, structure, object, cultural landscape, site or archaeological site. In order to be designated as a merit resource, a property must retain integrity and meet at least one of the following criteria for designation:

a. The resource reflects important elements of the City's cultural, social, economic, political, aesthetic, engineering, architectural or natural history;

b. The resource is identified with persons or events significant in local history;

c. The resource embodies important characteristics of a style, type, period or method of construction;

d. The resource represents the work of a notable local builder, designer or architect; or

e. The resource may yield important archaeological, ethnographic or anthropological information about the City's past.

Methods

This section describes the methodology of background and archival research, cultural resources records search, field survey, and National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR) evaluations conducted to identify historical resources within the project site.

Background and Archival Research

Rincon completed background and archival research in support of this assessment in February 2026. A variety of primary and secondary source materials were consulted. Sources included, but were not limited to, historical maps, aerial photographs, and written histories of the area. The following sources were utilized to develop an understanding of the project site and its context:

- California Historical Resources Information System (CHRIS) records search through the Northwest Information Center (NWIC)
- ParcelQuest property data (ParcelQuest 2026)
- Historical aerial photographs accessed via Nationwide Environmental Title Research (NETR) Online (2026)
- University of California, Santa Barabara (UCSB) Geospatial Collection (2026)
- Historical United States Geological Survey (USGS) topographic maps accessed online, via USGS topoView (2026)
- Historical newspaper clippings obtained from Newspapers.com (2026)
- Various historical records via Ancestry.com (2026)

California Historical Resources Information System Records Search

Rincon completed a CHRIS records search (File No. 25-1150) through the NWIC in February 2026. The NWIC is the official state repository for cultural resources records and reports for the county in which the project falls. The purpose of the records search was to identify previously recorded cultural resources, as well as previously conducted cultural resources studies within the project site and a 0.25-mile radius. Rincon also reviewed the NRHP, CRHR, California Historical Landmarks list, Built Environment Resources Directory for Alameda County, the Local Register, and the Archaeological Determination of Eligibility list (Attachment 2).

Field Survey

Principal Planner Abe Leider, AICP CEP, conducted a pedestrian survey of the subject property under direction of Senior Architectural Historian Michelle Anderson, MA on February 5, 2025. The built environment resource within the project site was visually inspected. Building characteristics were documented using field records and a digital camera. Copies of the digital photographs are maintained digitally by Rincon. Representative photographs of the project site are provided in Attachment 3.

Due to the paved setting and existing buildings within the project site, an archeological survey of the property was not required.

Evaluation

Pursuant to the OHP Guidelines (OHP 1995), properties over 45 years of age were evaluated for inclusion in the NRHP, CRHR, and local listing and recorded on California Department of Parks and Recreation (DPR) 523 series forms. See Attachment 3.

Findings

This section describes the findings of background and archival research, cultural resources records search, field survey, and NRHP, CRHR, and local evaluations conducted to identify cultural resources within the project site.

California Historical Resources Information System Records Search

Rincon received records search results from the NWIC on February 24, 2026. The records search included the project site and a 0.25-mile radius.

Known Cultural Resources Studies

The CHRIS records search and background research identified three studies within the 0.25-mile search radius (Attachment 2). None of the project site has been previously surveyed or studied.

Known Cultural Resources

The CHRIS records search and background research identified no cultural resources within the project area or within the 0.25-mile search radius (Attachment 2).

Aerial Imagery and Historical Topographic Maps Review

Rincon completed a review of historical topographic maps and aerial imagery to ascertain the development history of the project site. Survey plat maps dated 1870 and 1883 illustrate the project

site as entirely undeveloped, with the San Leandro Creek and burgeoning San Leandro townsite to the north (GLO 1870, 1883). By 1899, topographic maps show the Southern Pacific Railroad alignment directly east of the project site, with sparse residential development in the broader vicinity (USGS 1899).

Based on historical topographical maps and aerial photographs, the project site was under agricultural cultivation during the 1940s and 1950s, with no apparent structures on site (NETR Online 1946; USGS 1942). By 1958, dense residential construction had spread immediately south and west of the project site (NETR Online 1958). Newspaper records, Alameda County Assessor data, and aerial photographs indicate that the existing warehouse on the project site was constructed in 1963 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965). The building was expanded with an addition at an undetermined date between 1968 and 1980. Around this time, a railroad spur was installed on the parcel to connect to a loading dock on the addition (NETR Online 1968, 1980). Current survey results suggest that the tracks are no longer in use. From the 1960s through the present day, the immediate surroundings of the project site have remained predominately industrial and residential.

Geoarchaeological Sensitivity Analysis

The project site lies in the San Francisco Bay Area Region at an approximate elevation of 9 meters (32 feet) above mean sea level. The project site and surrounding area consists of commercial and residential development and does not retain its natural setting. San Lorenzo Creek is located approximately 1.7 miles south while the San Fransico Bay is located 1.8 miles west of the project site. The project site is situated within the traditional territory of the Ohlone (or Costanoan) people. Specifically, the Chochenyo speaking Ohlones, with the nearest village being that of Tatcan and Huchuin.

According to published geologic mapping, the project area is underlain by Holocene-aged basin deposits (Graymer 2000). These deposits are the result of sediment-laden floodwater that rose above the natural banks of streams and rivers to spread across low-lying areas. They consist primarily of silts and clays and may be locally interbedded with stream channel deposits.

One dominant soil series was identified within the project site, the Clear Lake series (90%). The Clear Lake Series is formed in finely textured alluvium derived from mixed rock sources, along floodplains and basins or in drainageway swales. This series is commonly found at elevations of five to 2,000 feet above mean sea level. A typical profile of the Clear Lake Series features dark to very dark gray clay with a granular structure from 0 to 13 inches, and dark gray to grayish brown or light olive brown extremely hard clay from 19 to 60 inches (California Soil Resource Lab 2018). This series does not contain previously documented buried A horizon soils.

Subsurface explorations were conducted in the project area in January 2025 where “highly variable undocumented fills consisting of sandy lean clay and silty, clayey, and well graded sands with gravel to depths ranging from 3½ to 6½ feet” (Ohlsen 2025) were encountered. Where no fill was encountered or underneath the fill layers “medium stiff to hard lean clays with variable amounts of sand with interbedded layers of medium dense to very dense clayey and silty sands with variable amounts of gravel and very dense well-graded sand with silt to the depths explored” (Ohlsen 2025) were observed. As noted in the geotechnical investigation, “the clays were generally stiff to hard at depths shallower than 8 feet, medium stiff to stiff at depths from about 8 to about 17 to 22 feet, and then stiff to very stiff below 17 to 22 feet. The sand layers were encountered at depths of about 6¼ to 6½ feet, 7½ to 12 feet, 16 to 32 feet, and 42 to 45 feet. Beneath maximum boring depth to 100 feet interbedded stiff to hard clays and dense to very dense sands and gravels were encountered.

Although the sediments within the entire project area are of Holocene age and consist of basin deposits of alluvium derived from mixed rock sources. The Holocene epoch encompasses the entirety of documented prehistoric to modern human habitation of the area. Therefore, Holocene era alluvial formations have the potential to support and preserve buried archaeological resources and cultural materials. The soils map indicates the project site is underlain by soil series which do not contain recorded buried A-Horizon soils indicative of subsurface pre-contact archaeological sensitivity. Given this information, the project site has low sensitivity for the presence of archaeological deposits.

While archival research indicates the sediments mapped at surface within the project site are generally conducive to the natural burial and preservation of pre-contact archaeological resources given they consist of colluvial sedimentation deposited during the Holocene, recorded soils in the area do not contain any buried A-Horizon soils. Further, none of the mapped soils contain buried A-Horizon soils that indicate the presence of a paleosurface commonly identified with pre-contact archaeological deposits. Therefore, pre-contact archaeological sensitivity is considered to be low, consistent with previous studies for the area. Regarding post-contact archaeological sensitivity (i.e. historic-period), aerial and map review indicates that the project site appears first developed in 1962 and does not otherwise have longstanding historic period use. The project site has low sensitivity for post-contact subsurface archaeological deposits, which lowers the likelihood of the presence of trash pits or other deposits that may be preserved in the archaeological record. Further, the development of the project site in the early 1960s, including grading for the parking lot and excavation related to installation of building foundations, indicates significant disturbances. Coupled with the lack of historic-period use prior to the construction, the project site also has low sensitivity for the presence of subsurface historic-period archaeological deposits.

Based on the information presented above, the overall archaeological sensitivity of the project site is considered **low** for both surface and subsurface precontact and historic-period archaeological deposits.

Field Survey

The project site is located at 3199 Alvardo Street in San Leandro, Alameda County, California (Figure 3). The property is an approximately 14.9-acre industrial parcel located between Alvardo Street and I-880. It is developed with one historic-age, 252,220 square-foot, single-story warehouse building and associated hardscaping. The facility was originally constructed as a combined warehouse and department store in 1962 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965). The property is accessed via two vehicular entrances fronting Alvarado Street. Abandoned railroad tracks are cited directly adjacent to the entry, suggesting that the warehouse loading docks were formerly accessible via rail (Figure 4). The warehouse is positioned toward the west end of the lot and is separated from Alvarado street by ample surface parking.

The warehouse exhibits a predominantly rectangular plan, composed of the original 1962 building footprint and a subsequent addition of comparable size constructed sometime between 1968 and 1980. Its exterior is characterized by tilt-up concrete panel construction. Fenestration is minimal, limited primarily to loading bays of varying sizes and flush personnel entrances with metal or glass doors (Figure 5 through Figure 9).

Review of digitally accessible building permits indicates that in 2008 the loading bays and public entrance on the building's north elevation were enlarged or otherwise modified. As part of the same renovation campaign, several openings on the east elevation facing Alvarado Street were infilled and a canopy was removed (City of San Leandro 2026).

Evaluation

Property History

The warehouse at 3199 Alvarado Street in San Leandro was opened as Consumers Mart of America's (commonly referred to as CMA) eleventh location in 1962 (*Alameda Times Star* 1962b). The San Leandro location was advertised as the largest one-floor department store in the Bay Area upon its opening and was designed to contain over 70 departments within the 152,000 square-foot building. Twelve of the site's 15 acres were reserved for surface parking (*Alameda Times Star* 1962a).

The department store brand CMA was a nationwide chain that included two Chicago area locations opened around 1959, as well as Anaheim and Torrance locations opened in Southern California in 1960 and 1961 (*Anaheim Bulletin* 1960; *San Pedro News-Pilot* 1961). The brand was led by President J.A. Keilly and gained publicity for its association with Keilly's friend and brand Vice President George Raft, a well-known motion picture actor who invested in the brand as it began to expand in the early 1960s. As of 1960, the brand had offices in Chicago, Anaheim, and San Francisco (*Anaheim Gazette* 1960). Similar to modern-day Costco or Sam's Club, CMA stores were advertised as discount shopping venues and served a membership-only customer base, which included a focus on public and government employees. Interior photographs of the subject San Leandro CMA suggest that it featured an open, warehouse-style layout comparable to that of contemporary wholesale facilities (*Alameda Times Star* 1962a).

During the same year that the San Leandro location was established, CMA was developing a second location in the Miami, Florida region with a similar 15-acre site (*Miami Herald* 1962). Each of the CMA locations typically featured a 15-acre site and a building housing approximately 70 departments within a roughly 150,000 square-foot building, with ample parking advertised as a primary amenity. Although CMA grew steadily in the early 1960s, by 1965, it was in financial difficulty and ultimately went bankrupt (Pleasant Family Shopping 2008a). Several locations across the country were acquired by other brands. The San Leandro location, in particular, was apparently short-lived as a CMA location and became part of the Bay Mart brand in 1965 (*Oakland Tribune* 1965). Several of CMA's Chicago and Florida locations were taken over by Zayre's (Pleasant Family Shopping 2008b).

The property housed Bay Mart from 1965 until approximately 1971, when it was acquired by the regional home furnishings retailer Levitz Furniture (*Oakland Tribune* 1971a, 1971b). Consistent with earlier commercial uses on the site, Levitz operated the building as a combined warehouse and showroom. Advertisements announcing the 1971 grand opening featured images of the stockroom, where forklifts transported customer-selected items "from the rack to warehouse door" (*Richmond Independent* 1971). The property continued to function as a Levitz Furniture branch until 2008 (*Oakland Tribune* 2008a, 2008b). At some point during the company's tenure, prior to 1980, the warehouse was expanded to approximately 250,000 square feet (NETR 1980).

Property Type

The industrial building at 3199 Alvarado Street is an example of a tilt-up concrete warehouse. Tilt-up construction was invented in the late nineteenth century by Colonel Robert H. Aiken, who developed the method to build United States Army barracks in the Philippines during the Spanish American War (Crosse 2014). Aiken's process involved pre-fabricating concrete wall sections while positioned horizontally and tilting them up into position to form vertical walls. He first used this system in the United States to create concrete target walls at the National Guard's Camp Logan rifle range in Illinois in 1907. He patented his method and established a concrete and steel target frame factory shortly thereafter. Aiken subsequently established the Aiken Cement Home Company and planned (but never built) an entire residential subdivision. He did succeed in constructing the Memorial United Methodist

Church in Zion, Illinois in 1910. After a period of partnership with Frederick H. Sears of Chicago, Aiken expanded his business interests to Los Angeles with the Aiken Reinforced Concrete Company in 1910. However, the West Coast branch was insolvent and closed in 1912. Aiken completed his final tilt-up project in Illinois in 1924, a subdivision of bungalows with Spanish-influenced styling (Dretske 2013). An early adopter of Aiken's system was Southern California-based architect Irving Gil, who acquired equipment and regional rights to the Aiken System from the bankrupt Aiken Reinforced Concrete Company. In 1913, Gill designed the La Jolla Woman's Club in La Jolla, which was California's first building constructed using the tilt-up method (Horak et al. 2021).

Tilt-up construction increased in popularity in California and growing Sun Belt states during the postwar period, due to its relatively economical cost, potential for minimal maintenance, and importantly, the development of mobile crane technology during World War II (Crompton 1992). Rather than transporting completed, pre-cast building materials and components, panels were cast on site and typically constructed in larger portions than allowed for transported materials (Crompton 1992). The Portland Cement Association's *Tilt-Up Construction: A Modern Method of Building with Reinforced Concrete* published in 1952 noted "Tilt-up construction is…considered as a new development because most of the buildings erected by this method have been built since about 1946," adding that many tilt-up buildings were at the time one-story structures, sometimes with a second floor that repeated the tilt-up process after the second-story floor was built (Portland Cement Association 1952). Tilt-up construction was commonly utilized for warehouses in industrial areas and also adopted for commercial building and school construction, in addition to continuance as a residential building method. Examples showcased by Portland Cement Association included a 93-acre industrial tract near Los Angeles International Airport, with buildings designed by architect S. Charles Lee. Tilt-up buildings completed around the mid-twentieth century often featured limited architectural detailing, sometimes with moderate Streamline Moderne, Art Deco, or modest International style-influenced elements. Refinements in seismic strengthening for this type of construction were developed following the 1971 San Fernando/Sylmar Earthquake and 1994 Northridge Earthquake (McCormick 2003). Tilt-up remains a popular method of construction in warehouse and commercial-office applications, particularly in suburban office and industrial parks.

Architecture

The industrial building at 3199 Alvarado Street is utilitarian in design, reflecting a functional approach to construction that does not adhere to any singular architectural style. Lacking ornamentation or embellishment, the building's appearance underscores its purpose-driven nature, prioritizing economy and efficiency over aesthetic distinction.

Architect/Builder

Research through targeted searches on the City of San Leandro building permit database, Newspapers.com, Internet Archive, Ancestry, and another online repositories did not confirm the specific architect(s) or builder(s) associated with the historic-age building present at 3199 Alvarado Street (Ancestry 2026; City of San Leandro 2026; Internet Archive 2026; Newspapers.com 2026).

NRHP/CRHP Historic Resource Evaluation

Research did not demonstrate that this property is associated with events significant to the broad patterns of our history at the local, state, or national level. The historic-period warehouse at 3199 Alvarado Street was constructed in 1962 and expanded during the 1970s, at the latter end of the postwar industrial boom in San Leandro. The property, which formerly served as a combined warehouse and store/showroom, is not directly or significantly associated with this period in history

and is not known to have made a significant contribution to other broad patterns of local, regional, state, or national culture and history. The property does not constitute one of the first or pioneering facilities in San Leandro, and its construction did not influence the course of later industrial or commercial development in the area. Therefore, the property is recommended ineligible for listing in the NRHP and CRHR under Criteria A/1.

Research did not demonstrate that the property is associated with any persons significant in national, state, or local history. While the corporate leaders of CMA, Bay Mart, and/or Levitz Furniture may have been important figures within their respective fields, research did not suggest that any of their significant contributions had any direct link to this property. Historical records reviewed revealed little specific information about individual staff who worked at this location, and there is no demonstrable evidence that any employees, singularly or collectively, made notably significant contributions within the broader context of San Leandro's history, or history at the state or national level. Therefore, the property is recommended ineligible under Criteria B/2.

3199 Alvarado Street was erected during the mid-twentieth century and is a simple iteration of the tilt-up method of concrete warehouse construction. However, the building is neither an early nor noteworthy example of the property type, which is well represented throughout the region. Further, the building was substantially altered with the construction of an addition and other modifications. The building does not adhere to an identifiable architectural style or period, and its overall simplicity lacks distinction or high artistic value. Research through targeted searches on City of San Leandro building permit database, Newspapers.com, Internet Archive, and other online repositories did not reveal the original architect or builder. Therefore, the property is recommended ineligible under Criterion C/3.

The property is not likely to yield valuable information that will contribute to our understanding of human history because the property is not and never was the principal source of important information pertaining to subjects such as twentieth century industrial properties in San Leandro. Therefore, the property is recommended ineligible for listing in the NRHP and CRHR under Criteria D/4.

City of San Leandro Historic Resource Designation

The 3199 Alvarado Street is recommended ineligible for local historical designation under all criteria. The building does not meet San Leandro Landmark or Merit Resource Criteria A or B, as it lacks association with significant event, patterns of events, or individuals, as explained under the evaluation of NRHP and CRHR Criteria A/1 and B/2 above. The building also does not meet San Leandro Landmark or Merit Resource Criteria C or D, as it lacks architectural significance, as explained under the evaluation of NRHP and CRHR Criteria C/3. Lastly, the building does not meet San Leandro Landmark or Merit Resource Criterion E, as it lacks important information potential, as explained under the evaluation of NRHP and CRHR Criteria D/4.

In conclusion, 3199 Alvarado Street is recommended ineligible for listing in the NRHP, CRHR, and applicable local register due to lack of historical and architectural significance and is not a historical resource as defined by CEQA Section 15064.5(a) or historic property as defined by 36 CFR 800.16(l)(1).

Conclusions and Recommendations

The impact analysis included here is organized based on the cultural resources thresholds included in CEQA Guidelines Appendix G: Environmental Checklist Form:

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

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

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

Threshold A broadly refers to historical resources. To more clearly differentiate between archaeological and built environment resources, we have chosen to limit analysis under Threshold A to built environment resources. Archaeological resources, including those that may be considered historical resources pursuant to Section 15064.5 and those that may be considered unique archaeological resources pursuant to Section 21083.2, are considered under Threshold B.

Historical Built Environment Resources

One historic-age industrial property, 3199 Alvarado Street, was identified within the project site. The property is recommended ineligible for the NRHP, CRHR, and local register under all criteria. As such, the property does not qualify as a historical resource pursuant to CEQA. There are no known historical resources within the project site. Rincon recommends a finding of ***no impact to historical resources***. No mitigation measures are required.

Historical and Unique Archaeological Resources

This assessment did not identify any archaeological resources or archaeological deposits on the project site. Additionally, the project site has low archaeological sensitivity based on the extended proximity to water, lack of A soil horizon,[1] lack of archaeological remains within the vicinity of the project, and high level of disturbance. However, this does not preclude the potential for subsurface archaeological resources. Rincon presents the following recommended mitigation measure for unanticipated discoveries during construction. With adherence to this measure, Rincon recommends a finding of ***less than significant impact with mitigation incorporated*** under CEQA.

Recommended Mitigation

Unanticipated Discovery of Cultural Resources

In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 50 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of CCR Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and

[1] An A horizon is the uppermost soil layer, parallel to the ground surface, that represents either the current land surface or a former surface that may include archaeological deposits.

Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's significance. The City shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, per CCR Guidelines Section 15126.4(b)(3)(C).

Human Remains

No human remains are known to be present within the project site. However, the discovery of human remains is always a possibility during ground disturbing activities. If human remains are found, the State of California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the County Coroner must be notified immediately. If the human remains are determined to be of Native American origin, the Coroner will notify the Native American Heritage Commission, which will determine and notify a most likely descendant (MLD). The MLD has 48 hours from being granted site access to make recommendations for the disposition of the remains. If the MLD does not make recommendations within 48 hours, the landowner shall reinter the remains in an area of the property secure from subsequent disturbance. With adherence to existing regulations, Rincon recommends a finding of less than significant impact to human remains under CEQA.

City of San Leandro Standard Conditions of Approval

Additionally, the project would be required to comply with the following City Standard Condition of Approval (COA) related to the unanticipated discovery of cultural resources and human remains.

Standard COA – Discovery of Historic/Prehistoric Artifacts or Human Remains

If currently unknown historic/prehistoric artifacts or human remains are discovered during ground disturbing activities, the following measures shall be implemented:

a. *In compliance with State law (Section 7050.5 of the Health and Safety Code and Section 5097.94 of the Public Resources Code), in the event that historical artifacts are found, all work within 50 feet of the find shall stop and a qualified archaeologist shall examine the find. The archaeologist shall then submit a plan for evaluation of the resource to the City of San Leandro Planning Services Division for approval.*

b. *If the evaluation of the resource concludes that the found resource is eligible for the California Register of Historic Resources, a mitigation plan shall be submitted to the City of San Leandro Planning Services Division for approval, which shall consider reasonable efforts for the resources to be preserved in place or left in an undisturbed state.*

c. *If the artifacts and samples recovered during construction are determined to be significant and cannot be preserved in pace, the artifacts shall be cataloged and curated by a qualified archaeologist and placed in an appropriate curation facility. The mitigation plan shall be completed before earthmoving or construction activities can recommence within the designated resource area.*

d. *If the human remains are of Native American origin, the coroner must notify the Native American Heritage Commission (NAHC) within 24 hours of this identification. The NAHC will immediately identify a Native American most likely descendant (MLD) to inspect the site and provide recommendation.*

Should you have any questions concerning this study, please contact the undersigned at 916-382-2997 or mvanderson@rinconconsultants.com.

Sincerely,
Rincon Consultants, Inc.

Michelle Anderson, MA
Senior Architectural Historian

Josh Bevan AICP, MSHP
Architectural Historian

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Archaeologist

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Cultural Resources Principal

Attachments

Attachment 1 Figures
Attachment 2 CHRIS Records Search Results
Attachment 3 DPR 523 Series Forms

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Attachment 1

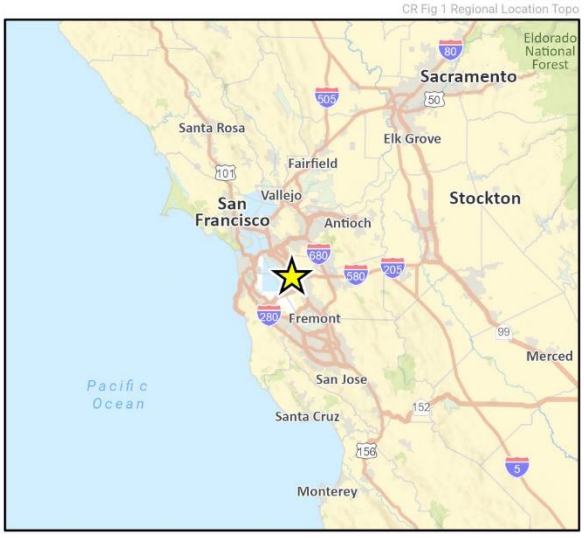
Figures

Figure 1 Regional Project Location



Basemap provided by National Geographic Society, Esri and their licensors © 2026. Map created by Rincon Consultants, Inc. 2026. San Leandro Quadrangle. T03S R03W S01-02. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

25-18463 CR
CR Fig 1 Regional Location Topo

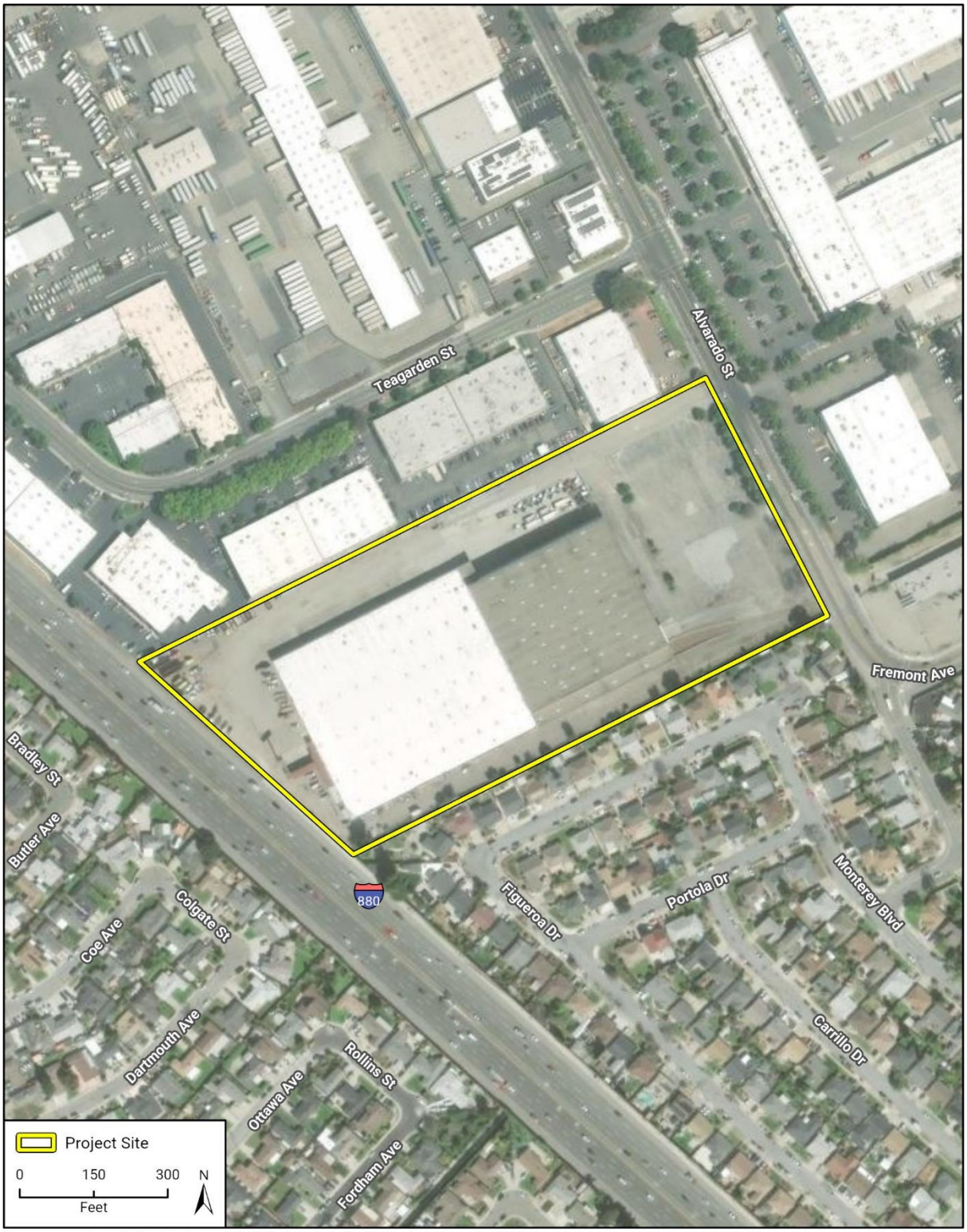


Project Location

0 1,000 2,000 Feet

N

Figure 2 Project Site Overview



Basemap provided by Esri and its licensors © 2026. Map created by Rincon Consultants, Inc. 2026.

25-18463 CR
CR Fig 2 Project Site

Figure 3 3199 Alvarado Street viewed from entrance. Camera facing west.



Figure 4 Abandoned tracks leading to loading bay on the east elevation of the warehouse at 3199 Alvarado Street. Camera facing southwest.



Figure 5 Primary, east elevation of the warehouse at 3199 Alvarado Street. Camera facing northwest.



Figure 6 South elevation of the warehouse at 3199 Alvarado Street. Camera facing west.



Figure 7 East half of the north elevation of the warehouse at 3199 Alvarado Street. Camera facing east.



Figure 8 West half of the north elevation of the warehouse at 3199 Alvarado Street. Camera facing south.



Figure 9 Rear, west elevation of the warehouse at 3199 Alvarado Street. Camera facing east.



Attachment 2

CHRIS Records Search Results

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM

ALAMEDA
COLUSA
CONTRA COSTA
DEL NORTE
HUMBOLDT
LAKE
MARIN
MENDOCINO
MONTEREY
NAPA
SAN BENITO
SAN FRANCISCO
SAN MATEO
SANTA CLARA
SANTA CRUZ
SOLANO
SONOMA
YOLO

Northwest Information Center
Sonoma State University
1400 Valley House Drive, Suite 210
Rohnert Park, California 94928-3609
Tel: 707.588.8455
nwic@sonoma.edu
https://nwic.sonoma.edu

2/24/2026 NWIC File No.: 25-1150

Eleni Ziogas
Rincon Consultants, Inc.
601 University Avenue, Suite 221
Sacramento, CA 95825

Re: 25-18463 3199 Alvarado Warehouse PLN24-0030

The Northwest Information Center received your record search request for the project area referenced above, located on the San Leandro USGS 7.5' quad(s). The following reflects the results of the records search for the project area and a 0.25 mi. radius:

Resources within project area:	None listed
Resources within 0.25 mi. radius:	None listed
Reports within project area:	None listed
Reports within 0.25 mi. radius:	S-46322, 46399, 46599

Resource Database Printout (list):		☐ enclosed	☐ not requested	☒ nothing listed
Resource Database Printout (details):		☐ enclosed	☒ not requested	☐ nothing listed
Resource Digital Database Records:		☐ enclosed	☒ not requested	☐ nothing listed
Report Database Printout (list):		☒ enclosed	☐ not requested	☐ nothing listed
Report Database Printout (details):		☐ enclosed	☒ not requested	☐ nothing listed
Report Digital Database Records:		☐ enclosed	☒ not requested	☐ nothing listed
Resource Record Copies:		☐ enclosed	☐ not requested	☒ nothing listed
Report Copies:	[within]	☐ enclosed	☐ not requested	☒ nothing listed
OHP Built Environment Resources Directory:		☐ enclosed	☐ not requested	☒ nothing listed
Archaeological Determinations of Eligibility:		☐ enclosed	☐ not requested	☒ nothing listed
CA Inventory of Historic Resources (1976):		☐ enclosed	☒ not requested	☐ nothing listed
GLO and/or Rancho Plat Maps:		☐ enclosed	☒ not requested	☐ nothing listed

Historical Maps:	☐ enclosed	☒ not requested	☐ nothing listed
Local Inventories:	☐ enclosed	☒ not requested	☐ nothing listed
Caltrans Bridge Survey:	☐ enclosed	☒ not requested	☐ nothing listed
Ethnographic Information:	☐ enclosed	☒ not requested	☐ nothing listed
Historical Literature:	☐ enclosed	☒ not requested	☐ nothing listed
Shipwreck Inventory:	☐ enclosed	☒ not requested	☐ nothing listed

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, please reference the record search number listed above. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,

Annette Neal

Researcher

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-046322	OHP PRN - EDA_2014_0206_001	2014	Heidi Koenig	San Leandro Fiber Optic for Broadband Project, City of San Leandro, Alameda County, California; Cultural Resources Survey Report	ESA	
S-046322a		2014	Heidi Koenig	Addendum to the San Leandro Fiber Optic For Broadband Project, City of San Leandro, Alameda County, California	ESA	
S-046322b		2015	Heidi Koenig	Cultural Resources Monitoring Report, San Leandro Fiber Optic for Broadband Project, City of San Leandro, Alameda County, California	ESA	
S-046322c		2015	Heidi Koenig	Addendum #2 to the San Leandro Fiber Optic for Broadband Project, City of San Leandro, Alameda County	ESA	
S-046322d		2015	Carol Roland-Nawi	EDA_2014_0206_001; 2nd Area of Potential Effects Revision, San Leandro Fiber Optic Broadband Project, San Leandro, CA	California Office of Historic Preservation	
S-046399	Caltrans - EA 04-3G920; Caltrans - EIF 041000110	2015	Laura Leach-Palm and Chandra Miller	Historic Property Survey Report for the MTC Interstate 880 Express Lane Phase I Project, Alameda and Santa Clara Counties, California: State Route 84 04-ALA-84 PM R3.0-R6.1, State Route 92 04-ALA-92 PM R2.5-R6.5, Interstate 880, 04-SCL-880 PM 7.5-10.5, 04-ALA-880 PM R0.0-26.4, EA 04-3G920	Far Western Anthropological Research Group, Inc.	01-000098, 01-000099, 01-000239, 01-011556, 01-011557, 01-011558, 01-011559, 01-011598, 43-000624
S-046399a		2015	Laura Leach-Palm and Philip Kaijankonski	Archaeological Survey Report for the MTC Interstate 880 Express Lane Phase I Project, Alameda and Santa Clara Counties, California: State Route 84, 04-ALA-84 PM R3.0-R6.1, State Route 92, 04-ALA-92 PM R2.5-R6.5, Interstate 880, 04-SCL-880 PM 7.5-10.5, 04-ALA-880 PM R0.0-26.4, EA 04-3G920	Far Western Anthropological Research Group, Inc.	
S-046399b		2015	Philip Kaijankoski, Jack Meyer, and Laura Leach-Palm	Extended Phase I Report for the MTC Express Lane Project, Alameda and Santa Clara Counties, California: State Route 84, 04-ALA-84 PM R3.0-R6.1, State Route 92, 04-ALA-92 PM R2.5-R6.5, Interstate 880, 04-SCL-880 PM 7.5-10.5, 04-ALA-880 PM R0.0-26.4, EA 04-3G920	Far Western Anthropological Research Group, Inc.	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-046399c		2015	Laura Leach-Palm	Environmentally Sensitive Area Action Plan for the Metropolitan Transportation Commission's Interstate 880 Express, Lane Phase I Project, Alameda and Santa Clara Counties, California: State Route 84, 04-ALA-84 PM R3.0-R6.1, State Route 92, 04-ALA-92 PM R2.5-R6.5, Interstate 880, 04-SCL-880 PM 7.5-10.5, 04-ALA-880 PM R0.0-26.4, EA 04-3G920	Far Western Anthropological Research Group, Inc.	
S-046399d		2015	Chandra Miller	Historic Resource Evaluation Report for the MTC Express Lanes I-880 Project, Alameda and Santa Clara Counties, California: 04-SCL-880 PM 7.38-10.5, 04-ALA-880 PM R0.0-26.66, 04-ALA-92 PM R2.29-6.73, 04-ALA-84 PM R2.7-6.22, Project EA: 04-3G920, EIF 041000110	JRP Historical Consulting, LLC	
S-046399e		2016	Adrian R. Whitaker	Supplemental Archaeological Survey Report for the MTC Interstate 880 Express Lane Phase I Project, Alameda and Santa Clara Counties, California, Interstate 880, 04-SCL-880 PM 7.5-10.5, 04-ALA-880 P< R0.0-26.4, EA 04-3G920	Far Western Anthropological Research Group, Inc.	
S-046599	Caltrans - EA 04-2J070; Submitter - Project ID 040000425	2015	Philip Kaijankoski, Jack Meyer, and Laura Leach-Palm	Extended Phase I Investigation for the Alameda Interstate 880 Median Barrier Replacement Project, Alameda County, California; Interstate 880, 04-ALA-880, PM R2.9-27.6, EA 04-2J070, Project ID 040000425	Far Western Anthropological Research Group, Inc.	01-000098, 01-000099, 01-002280, 01-011556, 01-011557, 01-011558, 01-011559

Attachment 3

DPR 523 Series Forms

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

 ***Resource Name or #:** 3199 Alvarado Street

P1. Other Identifier: N/A
*P2. Location: ■ Unrestricted *a. County: Alameda
*b. USGS 7.5' Quad: *San Leandro, California* Date: 1968 (rev. 1993) T 2S; R 3W; *Rancho San Leandro*; M.D.B.M.
c. Address: 3199 Alvarado Street City: San Leandro Zip: 94578
d. UTM: Zone: 10S 574664 mE / 4173284 mN e. Other Locational Data: APN: 77B-1201-15

*P3a. Description:
3199 Alvardo Street in San Leandro, Alameda County, California (P5a. Photograph 1) is an approximately 14.9-acre industrial parcel located between Alvardo Street and I-880. It is developed with one historic-age, 252,220 square-foot, single-story warehouse building and associated hardscaping. The facility was originally constructed as a combined warehouse and department store in 1962 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965). The property is accessed through two vehicular entrances fronting Alvarado Street. Abandoned railroad tracks are cited directly adjacent to the entry, suggesting that the warehouse loading docks were formerly accessible via rail (Photograph 2). The warehouse is positioned toward the west end of the lot and is separated from Alvarado street by ample surface parking.

3199 Alvarado Street has not previously been evaluated for the National Register of Historic Places (NRHP), California Register of Historical Resource (CRHR), or for local historical designation (see Continuation Sheets).

*P3b. Resource Attributes: HP8. Industrial Building
*P4. Resources Present: ■Building

P5a. Photograph 1



P5b. Description of Photo: 3199 Alvarado Street viewed from entrance. Camera facing west, February 5, 2026.

*P6. Date Constructed/Age and Sources:
■Historic
1962 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965)

*P7. Owner and Address:
H.D. Levin
222 North Lasalle Street, #1000
Chicago, IL 60601

*P8. Recorded by:
Michelle Anderson, MA
Rincon Consultants, Inc.
66 Franklin Street, Suites 314, 357, and 381
Oakland, CA 94607

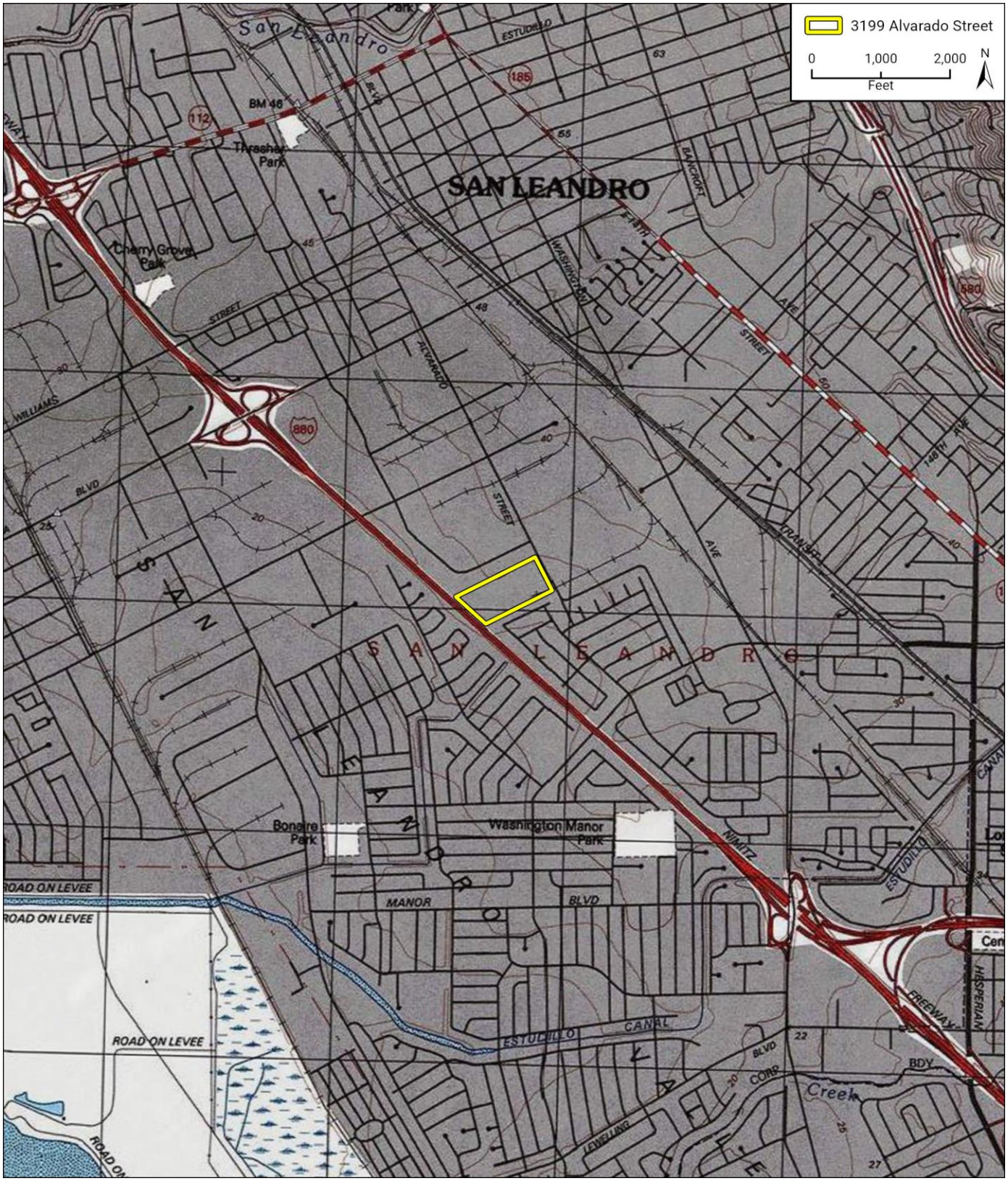
*P9. Date Recorded:
February 5, 2026

*P10. Survey Type:
Intensive

*P11. Report Citation:
Anderson, M., J. Bevan, E. Ziogas, and M. Nayyar. *Cultural Resources Assessment, 3199 Alvarado Street Industrial Project, San Leandro, Alameda County, California 94578*. Rincon Consultants Project No. 25-18463. Report on file at the Northwest Information Center, California State University, Sonoma.

*Attachments: ■Location Map ■Continuation Sheet ■Building, Structure, and Object Record

***Map Name:** *San Leandro, California* ***Scale:** 1:24,000 ***Date of Map:** 1993 (rev. 1997)



B1. Historic Name: Consumers Mart of America; Bay Mart; Levitz Furniture
B2. Common Name: N/A
B3. Original Use: Department Store; Warehouse B4. Present Use: Warehouse
*B5. Architectural Style: Tilt-Up Concrete; Utilitarian
*B6. Construction History:
Based on historical newspaper records, Alameda County Assessor data, and aerial photographs, the extant warehouse on the property was completed in 1962 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965). The building was expanded with an addition at an undetermined date between 1968 and 1980 (NETR Online 1968, 1980). Subsequent exterior alterations include changes to loading docks and entrances, reroofing, and various cosmetic modifications including replacement of signage and lighting at various dates (City of San Leandro 2026).

*B7. Moved? ■No
*B8. Related Features: None
B9a. Architect: Undetermined b. Builder: Undetermined
*B10. Significance: Theme: Commercial; Industrial Area: San Leandro, California
Period of Significance: 1962 Property Type: Commercial; Industrial Applicable Criteria: N/A

Local History
The following local historic context excerpt is derived from the *San Leandro 2035 General Plan* adopted in 2016 (City of San Leandro 2016) (see Continuation Sheets):

> Following some 3,000 years of Native American settlement, the area now known as San Leandro was divided through Spanish land grants between 1820 and 1842. Most of modern-day San Leandro was contained within the vast cattle ranches of Ignacio Peralta (north of San Leandro Creek) and Don Jose Joaquin Estudillo (south of San Leandro Creek). The ranches gave way to farms as settlers, squatters, and "49ers" arrived in the early 1850s. The town of San Leandro was laid out in 1855 and became the seat of Alameda County in 1856. The original town plan established a grid of streets, with sites set aside for prominent buildings such as the County Courthouse and City Hall.
>
> After a catastrophic earthquake destroyed the Courthouse in 1868 and the transcontinental railroad reached Oakland in 1869, the county seat was relocated from San Leandro to Oakland. However, San Leandro continued to prosper as a small agricultural town. The city incorporated in 1872 and had grown to about 2,300 residents by 1900. Farms and orchards surrounding San Leandro produced a variety of fruits and vegetables, including cherries, tomatoes, onions, potatoes, asparagus, sugar beets, rhubarb, and apricots. See Continuation Sheets.

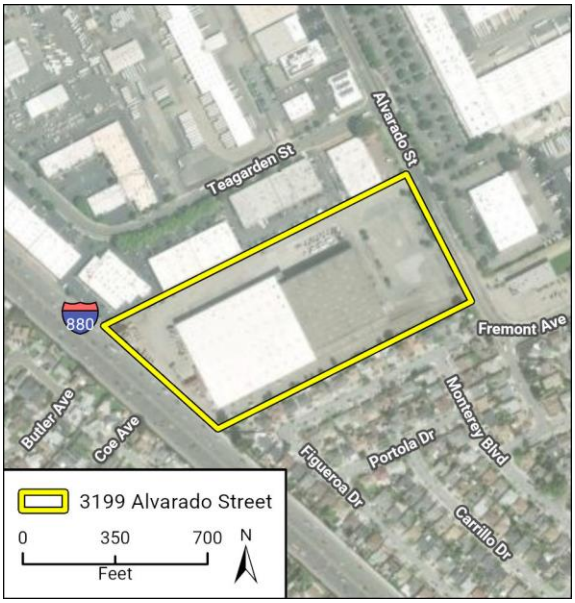
B11. Additional Resource Attributes: None.

*B12. References: See Continuation Sheets.

B13. Remarks: None.

*B14. Evaluator: Michelle Anderson
Rincon Consultants, Inc.
66 Franklin Street, Suites 314, 357 and 381
Oakland, CA 94607

*Date of Evaluation: March 9, 2026



(This space reserved for official comments.)

P4. Description (Continued from Page 1):

The historic-age warehouse exhibits a predominantly rectangular plan, composed of the original 1962 building footprint and a subsequent addition of comparable size constructed sometime between 1968 and 1980. Its exterior is characterized by tilt-up concrete panel construction. Fenestration is minimal, limited primarily to loading bays of varying sizes and flush personnel entrances with metal or glass doors (Photograph 3 through Photograph 7).

Review of digitally accessible building permits indicates that in 2008 the loading bays and public entrance on the building's north elevation were enlarged or otherwise modified. As part of the same renovation campaign, several openings on the east elevation facing Alvarado Street were infilled and a canopy was removed (City of San Leandro 2026).



Photograph 2: Abandoned tracks leading to loading bay on the east elevation of the warehouse at 3199 Alvarado Street. Camera facing southwest, February 5, 2026.



Photograph 3: Primary, east elevation of the warehouse at 3199 Alvarado Street. Camera facing northwest, February 5, 2026.



Photograph 4: South elevation of the warehouse at 3199 Alvarado Street. Camera facing west, February 5, 2026.



Photograph 5: East half of the north elevation of the warehouse at 3199 Alvarado Street. Camera facing east, February 5, 2026.



Photograph 6: West half of the north elevation of the warehouse at 3199 Alvarado Street. Camera facing south, February 5, 2026.



Photograph 7: Rear, west elevation of the warehouse at 3199 Alvarado Street. Camera facing east, February 5, 2026.

B10. Significance (Continued from Page 3):

Local History (Continued)

San Leandro continued to grow at a moderate pace during the first 40 years of the 20th Century. Many of the neighborhoods in the northeast part of the city, such as Broadmoor and Estudillo Estates, were developed during this time period. The railroad corridors running through the city were developed with industry, while Downtown was the center for commerce and civic life. By 1940, San Leandro had 14,000 residents. Still, the town covered just a few square miles and was surrounded by farms and orchards.

The 1940s and 50s were a time of transformation for the city. A development boom, initially created by the need for wartime housing and then sustained by returning veterans and their families, brought about a 350 percent increase in the city's population in just 20 years. Much of San Leandro's current form and character was defined during this era and nearly half of the city's current housing stock was added. Most of the neighborhood shopping centers and the commercial strips along East 14th Street and other arterials date from this period.

Despite the suburban character of the development, San Leandro emerged from the boom period as much more than a "bedroom community." The city was among the fastest growing industrial centers in the Bay Area during the post-war years, adding 6,000 manufacturing jobs between 1947 and 1954 alone. Much of West San Leandro was developed with industry and numerous warehousing and distribution facilities were built south of Marina Boulevard. At the same time, early shopping centers such as Pelton Center and Bayfair Mall made the city a thriving retail destination. The favorable balance between jobs and housing enabled San Leandro to offer a competitive tax rate and a high level of City services.

The pace of growth slowed as the city reached its natural limits during the 1960s. On the east, steep hills created a barrier to large-scale development. On the west, most of the shoreline had been acquired for park uses. Established communities lay to the north and south. The focus of new development shifted to smaller infill sites, including greenhouses and nurseries, and other properties that had been bypassed during the boom years.

By the 1980s, other factors had begun to shape the form of San Leandro. The Bay Area's economic base shifted from manufacturing to services and technology, and many traditional industries left the city. As the thousands of families who moved to San Leandro during the 1940s and 50s matured, school enrollment dropped and several schools were closed and redeveloped with housing. The percentage of senior citizens in the city increased from six percent in 1960 to 20 percent by 1990, giving San Leandro the highest median age in Alameda County. Local retailers were impacted by these changes and further by competition from new suburban malls.

San Leandro's evolution continued through the 1990s and early 2000s. Significant reinvestment in the city's housing stock took place, and the city gained almost 20,000 residents in two decades. Much of the city's growth was fueled by an increase in foreign-born residents and young families, transforming many of the city's shopping areas and cultural institutions, and increasing school enrollment. The city's industrial areas also evolved. In 2011, San Leandro launched a public-private partnership to develop an 11-mile fiber optics loop (Lit San Leandro). This investment has put the city on the leading edge of the Bay Area economy and has repositioned the city's businesses to be more technology and innovation focused. At the same time, San Leandro has promoted higher density development around its two BART stations, creating a development pattern that is oriented toward walking, bicycling, and transit use rather than driving.

Property History

Survey plat maps dated 1870 and 1883 illustrate the subject property as entirely undeveloped, with the San Leandro Creek and burgeoning San Leandro townsite to the north (GLO 1870, 1883). By 1899, topographic maps show the Southern Pacific Railroad alignment directly east of the property, with sparse residential development in the broader vicinity (USGS 1899).

Based on historical topographical maps and aerial photographs, the subject property was under agricultural cultivation during the 1940s and 1950s, with no apparent structures on site (NETR Online 1946; USGS 1942). By 1958, dense residential construction had spread immediately south and west of the property (NETR Online 1958). Newspaper records, Alameda County Assessor data, and aerial photographs indicate that the warehouse on the property was constructed in 1962 (*Alameda Times Star* 1962a, 1962b; ParcelQuest 2026; UCSB 1965). The building was expanded with an addition at an undetermined date between 1968 and 1980. Around this time, a railroad spur was installed on the property to connect to a loading dock on the addition (NETR Online

1968, 1980). Current survey results suggest that the tracks are no longer in use. From the 1960s through the present day, the immediate surroundings of the subject property have remained predominately industrial and residential.

Occupancy History

The subject building in San Leandro was opened as Consumers Mart of America's (commonly referred to as CMA) eleventh location in 1962 (*Alameda Times Star* 1962b). The San Leandro location was advertised as the largest one-floor department store in the Bay Area upon its opening and was designed to contain over 70 departments within the 152,000 square-foot building. Twelve of the site's 15 acres were reserved for surface parking (Figure 1) (*Alameda Times Star* 1962a).

The department store brand CMA was a nationwide chain that included two Chicago area locations opened around 1959, as well as Anaheim and Torrance locations opened in Southern California in 1960 and 1961 (*Anaheim Bulletin* 1960; *San Pedro News-Pilot* 1961). The brand was led by President J.A. Keilly and gained publicity for its association with Keilly's friend and brand Vice President George Raft, a well-known motion picture actor who invested in the brand as it began to expand in the early 1960s. As of 1960, the brand had offices in Chicago, Anaheim, and San Francisco (*Anaheim Gazette* 1960). Similar to modern-day Costco or Sam's Club, CMA stores were advertised as discount shopping venues and served a membership-only customer base, which included a focus on public and government employees. Interior photographs of the subject San Leandro CMA suggest that it featured an open, warehouse-style layout comparable to that of contemporary wholesale facilities (Figure 2) (*Alameda Times Star* 1962a).

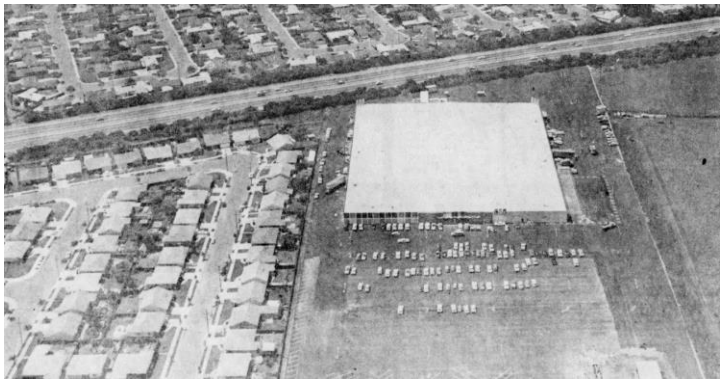


Figure 1: Newly constructed CMA warehouse/department store on the subject property photographed in 1962 (*Alameda Times Star* 1962b).



Figure 2: Interior view of the newly constructed CMA warehouse/department store in 1962 (*Alameda Times Star* 1962a).

During the same year that the San Leandro location was established, CMA was developing a second location in the Miami, Florida region with a similar 15-acre site (*Miami Herald* 1962). Each of the CMA locations typically featured a 15-acre site and a building housing approximately 70 departments within a roughly 150,000 square-foot building, with ample parking advertised as a primary amenity. Although CMA grew steadily in the early 1960s, by 1965, it was in financial difficulty and ultimately went bankrupt (Pleasant Family Shopping 2008a). Several locations across the country were acquired by other brands. The San Leandro location, in particular, was apparently short-lived as a CMA location and became part of the Bay Mart brand in 1965 (*Oakland Tribune* 1965). Several of CMA's Chicago and Florida locations were taken over by Zayre's (Pleasant Family Shopping 2008b).

The subject property housed Bay Mart from 1965 until approximately 1971, when it was acquired by the regional home furnishings retailer Levitz Furniture (*Oakland Tribune* 1971a, 1971b). Consistent with earlier commercial uses on the site, Levitz operated the building as a combined warehouse and showroom. Advertisements announcing the 1971 grand opening featured images of the stockroom, where forklifts transported customer-selected items "from the rack to warehouse door" (Figure 3) (*Richmond Independent* 1971). The property continued to function as a Levitz Furniture branch until 2008 (*Oakland Tribune* 2008a, 2008b). At some point during the company's tenure, prior to 1980, the warehouse was expanded to approximately 250,000 square feet (NETR 1980).



Figure 3: Interior of the warehouse on the subject property when it reopened as a Levitz Furniture branch in 1971 (*Richmond Independent* 1971).

Property Type

The industrial building at 3199 Alvarado Street is an example of a tilt-up concrete warehouse. Tilt-up construction was invented in the late nineteenth century by Colonel Robert H. Aiken, who developed the method to build United States Army barracks in the Philippines during the Spanish American War (Crosse 2014). Aiken's process involved pre-fabricating concrete wall sections while positioned horizontally and tilting them up into position to form vertical walls. He first used this system in the United States to create concrete target walls at the National Guard's Camp Logan rifle range in Illinois in 1907. He patented his method and established a concrete and steel target frame factory shortly thereafter. Aiken subsequently established the Aiken Cement

Home Company and planned (but never built) an entire residential subdivision. He did succeed in constructing the Memorial United Methodist Church in Zion, Illinois in 1910. After a period of partnership with Frederick H. Sears of Chicago, Aiken expanded his business interests to Los Angeles with the Aiken Reinforced Concrete Company in 1910. However, the West Coast branch was insolvent and closed in 1912. Aiken completed his final tilt-up project in Illinois in 1924, a subdivision of bungalows with Spanish-influenced styling (Dretske 2013). An early adopter of Aiken's system was Southern California-based architect Irving Gil, who acquired equipment and regional rights to the Aiken System from the bankrupt Aiken Reinforced Concrete Company. In 1913, Gill designed the La Jolla Woman's Club in La Jolla, which was California's first building constructed using the tilt-up method (Horak et. al 2021).

Tilt-up construction increased in popularity in California and growing Sun Belt states during the postwar period, due to its relatively economical cost, potential for minimal maintenance, and importantly, the development of mobile crane technology during World War II (Crompton 1992). Rather than transporting completed, pre-cast building materials and components, panels were cast on site and typically constructed in larger portions than allowed for transported materials (Crompton 1992). The Portland Cement Association's *Tilt-Up Construction: A Modern Method of Building with Reinforced Concrete* published in 1952 noted "Tilt-up construction is…considered as a new development because most of the buildings erected by this method have been built since about 1946," adding that many tilt-up buildings were at the time one-story structures, sometimes with a second floor that repeated the tilt-up process after the second-story floor was built (Portland Cement Association 1952). Tilt-up construction was commonly utilized for warehouses in industrial areas and also adopted for commercial building and school construction, in addition to continuance as a residential building method. Examples showcased by Portland Cement Association included a 93-acre industrial tract near Los Angeles International Airport, with buildings designed by architect S. Charles Lee. Tilt-up buildings completed around the mid-twentieth century often featured limited architectural detailing, sometimes with moderate Streamline Moderne, Art Deco, or modest International style-influenced elements. Refinements in seismic strengthening for this type of construction were developed following the 1971 San Fernando/Sylmar Earthquake and 1994 Northridge Earthquake (McCormick 2003). Tilt-up remains a popular method of construction in warehouse and commercial-office applications, particularly in suburban office and industrial parks.

Architecture

The industrial building at 3199 Alvarado Street is utilitarian in design, reflecting a functional approach to construction that does not adhere to any singular architectural style. Lacking ornamentation or embellishment, the building's appearance underscores its purpose-driven nature, prioritizing economy and efficiency over aesthetic distinction.

Architect/Builder

Research through targeted searches on the City of San Leandro building permit database, Newspapers.com, Internet Archive, Ancestry, and another online repositories did not confirm the specific architect(s) or builder(s) associated with the historic-age building present at 3199 Alvarado Street (Ancestry 2026; City of San Leandro 2026; Internet Archive 2026; Newspapers.com 2026).

NRHP/CRHP Historic Resource Evaluation

Research did not demonstrate that this property is associated with events significant to the broad patterns of our history at the local, state, or national level. The warehouse at 3199 Alvarado Street was constructed in 1962 and expanded during the 1970s, at the latter end of the postwar industrial boom in San Leandro. The property, which formerly served as a combined warehouse and store/showroom, is not directly or significantly associated with this period in history and is not known to have made a significant contribution to other broad patterns of local, regional, state, or national culture and history. The subject property does not constitute one of the first or pioneering facilities in San Leandro, and its construction did not influence the course of later industrial or commercial development in the area. Therefore, the property is recommended ineligible for listing in the NRHP and CRHR under Criteria A/1.

Research did not demonstrate that the property is associated with any persons significant in national, state, or local history. While the corporate leaders of CMA, Bay Mart, and/or Levitz Furniture may have been important figures within their respective fields, research did not suggest that any of their significant contributions had any direct link to this property. Historical records reviewed revealed little specific information about individual staff who worked at this location, and there is no demonstrable evidence that any employees, singularly or collectively, made notably significant contributions within the broader context of San Leandro's history, or history at the state or national level. Therefore, the property is recommended ineligible under Criteria B/2.

3199 Alvarado Street was erected during the mid-twentieth century and is a simple iteration of the tilt-up method of concrete warehouse construction. However, the building is neither an early nor noteworthy example of the property type, which is well represented throughout the region. Further, the building was substantially altered with the construction of an addition and other modifications. The building does not adhere to an identifiable architectural style or period, and its overall simplicity lacks distinction or high artistic value. Research through targeted searches on City of San Leandro building permit database, Newspapers.com, Internet Archive, and other online repositories did not reveal the original architect or builder. Therefore, the subject property is recommended ineligible under Criterion C/3.

The property is not likely to yield valuable information that will contribute to our understanding of human history because the property is not and never was the principal source of important information pertaining to subjects such as twentieth century commercial and industrial properties in San Leandro. Therefore, the property is recommended ineligible for listing in the NRHP and CRHR under Criteria D/4.

City of San Leandro Historic Resource Designation

The subject property is recommended ineligible for local historical designation under all criteria. The building does not meet San Leandro Landmark or Merit Resource Criteria A or B, as it lacks association with significant event, patterns of events, or individuals, as explained under the evaluation of NRHP and CRHR Criteria A/1 and B/2 above. The building also does not meet San Leandro Landmark or Merit Resource Criteria C or D, as it lacks architectural significance, as explained under the evaluation of NRHP and CRHR Criteria C/3. Lastly, the building does not meet San Leandro Landmark or Merit Resource Criterion E, as it lacks important information potential, as explained under the evaluation of NRHP and CRHR Criteria D/4.

In conclusion, 3199 Alvarado Street is recommended ineligible for listing in the NRHP, CRHR, and local register due to lack of historical and architectural significance and is not a historical resource as defined by CEQA Section 15064.5(a) or historic property as defined by 36 CFR 800.16(l)(1).

B12. References (Continued):

Alameda Times Star. 1962a. "CMA San Leandro, Bay Area's Largest 1-Floor." August 24. Accessed March 2026 https://www.newspapers.com/article/alameda-times-star-alameda-times-star/192593978/.

_____. 1962b. "Discount Department Store, Opens to Thousands." August 24. Accessed March 2026. https://www.newspapers.com/article/the-miami-herald/192595258/.

Anaheim Bulletin. 1960. "Consumer Mart of America in Anaheim." August 23. Accessed March 2026. https://www.newspapers.com/image/967371001/.

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Appendix D

Geotechnical Investigation

CORNERSTONE EARTH GROUP

TYPE OF SERVICES	Geotechnical Investigation
PROJECT NAME	Alvarado Street Warehouse
LOCATION	3199 Alvarado Street San Leandro, California
CLIENT	CC Industries, Inc.
PROJECT NUMBER	1561-1-1
DATE	March 27, 2025



CORNERSTONE EARTH GROUP

Type of Services	**Geotechnical Investigation**
Project Name	**Alvarado Street Warehouse**
Location	**3199 Alvarado Street** **San Leandro, California**
Client	**CC Industries, Inc.**
Client Address	**222 N. LaSalle Street, Suite 1000** **Chicago, Illinois**
Project Number	**1561-1-1**
Date	**March 27, 2025**



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CORNERSTONE EARTH GROUP

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CORNERSTONE EARTH GROUP

Type of Services	**Geotechnical Investigation**
Project Name	**Alvarado Street Warehouse**
Location	**3199 Alvarado Street** **San Leandro, California**

SECTION 1: INTRODUCTION

This geotechnical report was prepared for the sole use of CC Industries, Inc. for the Alvarado Street Warehouse project in San Leandro, California. The location of the site is shown on the Vicinity Map, Figure 1. For our use, we were provided with the following documents:

- A plan set titled, “Alvarado Street Warehouse, 3199 Alvarado St., San Leandro, CA 94577,” prepared by Ware Walcomb, dated September 30, 2024, Planning Submittal.
- A topographic survey titled, “Topographic Survey, 3199 Alvarado Street, San Leandro, CA," prepared by Barber Surveying, Inc., dated 2021.

1.1 PROJECT DESCRIPTION

The project includes redeveloping the approximately 19-acre site for a new warehouse. The new warehouse is about 241,400 square feet. The proposed building will be single-story with column spacing ranging from 46 to 60 feet, and interior clear height of 36 feet. The building will consist of concrete tilt-up construction. Dock doors are located along the north side of the building. Office and mezzanine areas are also planned in the southeast and southwest corners. At-grade auto and trailer parking, and drive aisles will cover the remainder of the site. Appurtenant utilities, landscaping, storm water management areas, and other improvements necessary for overall site development will also be constructed. The existing building and site improvements will be demolished for new construction.

Structural loads are not available at this time. However, structural loads are expected to be typical for similar structures with interior column dead plus live loads on the order of 50 to 100 kips and perimeter wall loads on the order of 7 to 9 kips per lineal foot.

Grading plans have also not been provided. However, based on discussions with Ware Malcomb, the project Civil Engineer, we understand that a preliminary finished floor elevation of 35 feet (datum unknown) is being considered and the finished grade at the loading dock will be generally Elevation 31 feet, roughly matching existing grade. Based on the finished floor

elevation and existing site grades provided, we estimate site grades will be raised about 3½ to 6 feet to achieve finished floor elevation.

1.2 SCOPE OF SERVICES

Our scope of services was presented in our proposal dated December 18, 2024, and consisted of field and laboratory programs to evaluate physical and engineering properties of the subsurface soils, engineering analysis to prepare recommendations for site work and grading, building foundations, flatwork, retaining walls, and pavements, and preparation of this report. Brief descriptions of our exploration and laboratory programs are presented below.

1.3 EXPLORATION PROGRAM

Field exploration consisted of four borings drilled on January 21, 2025 with truck-mounted hollow-stem auger drilling equipment and five Cone Penetration Tests (CPTs) advanced on February 4, 2025. The borings were drilled to depths of 21½ to 45 feet; the CPTs were advanced to depths of about 50 to 100 feet. Seismic shear wave velocity measurements were collected from CPT-5. Borings EB-1 through EB-4 were advanced adjacent to CPT-1 through CPT-4, respectively, for direct evaluation of physical samples to correlated soil behavior.

The borings and CPTs were backfilled with cement grout in accordance with local requirements; exploration permits were obtained as required by local jurisdictions. The approximate locations of our exploratory borings and CPTs are shown on the Site Plan, Figure 2. Details regarding our field program are included in Appendix A.

1.4 LABORATORY TESTING PROGRAM

In addition to visual classification of samples, the laboratory program focused on obtaining data for foundation design and seismic ground deformation estimates. Testing included moisture contents, dry densities, washed sieve analyses, Plasticity Index tests, and a consolidation test. Details regarding our laboratory program are included in Appendix B.

1.5 ENVIRONMENTAL SERVICES

Environmental services were not requested for this project. If environmental concerns are determined to be present during future evaluations, the project environmental consultant should review our geotechnical recommendations for compatibility with the environmental concerns.

SECTION 2: REGIONAL SETTING

2.1 REGIONAL SEISMICITY

While seismologists cannot predict earthquake events, geologists from the U.S. Geological Survey have recently updated (in 2015) earlier estimates from their 2014 Uniform California Earthquake Rupture Forecast (Version 3; UCERF3) publication. The estimated probability of one or more magnitude 6.7 earthquakes (the size of the destructive 1994 Northridge

earthquake) expected to occur somewhere in the San Francisco Bay Area has been revised (increased) to 72 percent for the period 2014 to 2043 (Aagaard et al., 2016). The faults in the region with the highest estimated probability of generating damaging earthquakes between 2014 and 2043 are the Hayward (33%), Calaveras (26%), and San Andreas Faults (22%). In this 30-year period, the probability of an earthquake of magnitude 6.7 or larger occurring is 22 percent along the San Andreas Fault and 33 percent for the Hayward Fault.

The faults considered capable of generating significant earthquakes are generally associated with the well-defined areas of crustal movement, which trend northwesterly. The table below presents the State-considered active faults within 25 kilometers of the site.

Table 1: Approximate Fault Distances

Fault Name	Distance	
	(miles)	(kilometers)
Hayward (Total Length)	2.1	3.4
Calaveras	10.6	17.1
San Andreas (1906)	16.3	26.3

A regional fault map is presented as Figure 3, illustrating the relative distances of the site to significant fault zones.

SECTION 3: SITE CONDITIONS

3.1 SITE BACKGROUND

We reviewed historic aerial imagery and topographic maps provided online by Historic Aerials (historicaerials.com). A summary of pertinent surface changes at and near the site is as follows:

- 1946: The site appears to be used for agricultural purposes.
- 1958: Highway 880 and Alvarado Street appear constructed in their current configuration. The existing residential neighborhood to the south has been constructed.
- 1968: The existing building within the western third of the site has been constructed and is surrounded by at-grade asphalt parking. The eastern half of the site has been paved and is used as an at-grade parking lot.
- 1980: The eastern extension of the existing building has been constructed by this time. The remainder of the site is occupied by asphalt concrete parking lots.
- 1982-2022: No pertinent surface changes observed between this period.

3.2 SURFACE DESCRIPTION

The project site is currently occupied by a one-story industrial building appearing to be concrete tilt-up construction. Asphalt concrete pavements generally surround the building to the west, south, and east, and a concrete loading dock to the north of the structure. Landscaping areas consisting of grass, shrubs, and mature trees are present on the eastern and western edge of the site. The site is relatively level and at or near the elevation of the adjacent properties and roadways. Based on topographic data provided by Barber (2021), site grades range from approximately Elevation 29 to 32 feet (NAVD88 datum).

Surface pavements generally consisted of 2 to 4 inches of asphalt concrete over 4 to 6 inches of aggregate base. Based on visual observations, the existing pavements are in poor condition with significant alligator cracking.

3.3 SUBSURFACE CONDITIONS

Below the surface pavements, our explorations EB-1 and EB-3 encountered highly variable undocumented fills consisting of sandy lean clay and silty, clayey, and well graded sands with gravel to depths ranging from 3½ to 6½ feet. Beneath the fills or where no fills were encountered, our borings EB-1 through EB-4 generally encountered medium stiff to hard lean clays with variable amounts of sand with interbedded layers of medium dense to very dense clayey and silty sands with variable amounts of gravel and very dense well-graded sand with silt to the depths explored. The clays were generally stiff to hard at depths shallower than 8 feet, medium stiff to stiff at depths from about 8 to about 17 to 22 feet, and then stiff to very stiff below 17 to 22 feet. The sand layers were encountered at depths of about 6¼ to 6½ feet, 22 to 30 feet, and 42 to 45 feet in Boring EB-1; 7½ to 12 feet and 22 to 24½ feet in Boring EB-2; 16 to 18 feet in Boring EB-3; and 9 to 10½ feet and 19 to 32 feet in Boring EB-4.

Below the maximum boring depth, our CPTs generally encountered interbedded stiff to hard clays and dense to very dense sands and gravels to the maximum depth explored of 100 feet.

3.3.1 Plasticity/Expansion Potential

We performed two Plasticity Index (PI) tests on representative samples. Test results were used to evaluate expansion potential of surficial soils. The results indicated PIs of 16 and 27, indicating moderate to high expansion potential to wetting and drying cycles.

3.3.2 In-Situ Moisture Contents

Laboratory testing indicated that the in-situ moisture contents within the upper 10 feet range from 5 to 29 percent, indicating approximately 5 to 15 percent over the estimated laboratory optimum moisture.

3.4 GROUNDWATER

Groundwater was encountered in our exploratory borings at depths ranging from 13 to 14 feet below current grades. Groundwater was inferred in CPT-1, CPT-3, CPT-4, and CPT-5 at depths ranging from 8 to 11 feet. All measurements were taken at the time of drilling and may not represent the stabilized levels that can be higher than the initial levels encountered. Historic high groundwater levels are mapped at a depth of approximately 9 feet below existing site grades (CGS, San Leandro 7.5-Minute Quadrangle, 2003).

We also reviewed groundwater data available online from the website GeoTracker, https://geotracker.waterboards.ca.gov/. Nearby monitoring well data indicates that groundwater has been measured at depths of approximately 6½ feet at wells located at 14985 Washington Avenue approximately 1 mile to the southeast, with well measurements performed between April and October 2007. Monitoring well data at 2420 Merced Street approximately ¾ miles to the northwest indicated groundwater depths ranging from about 3½ to 12 feet between June 2006 and March 2020.

Based on the above, we anticipate that high groundwater may range up to 5 feet below the existing ground surface. While we anticipate the sustained groundwater depth may to be closer to the depths encountered in our explorations, we utilized a high groundwater depth of 5 feet for our liquefaction analysis. Fluctuations in groundwater levels occur due to many factors including seasonal fluctuation, underground drainage patterns, regional fluctuations, and other factors.

SECTION 4: GEOLOGIC HAZARDS

4.1 FAULT SURFACE RUPTURE

As discussed above several significant faults are located within 25 kilometers of the site. The site is not located within a State-designated Alquist Priolo Earthquake Fault Zone. As shown in Figure 3, no known surface expression of fault traces is thought to cross the site; therefore, fault surface rupture hazard is not a significant geologic hazard at the site.

4.2 ESTIMATED GROUND SHAKING

Moderate to severe (design-level) earthquakes can cause strong ground shaking, which is the case for most sites within the Bay Area. A peak ground acceleration (PGA_M) was estimated following the ground motion hazard analysis procedure presented in Chapter 16 and 18 and Appendix J of the 2022 California Building Code (CBC) and Chapter 21, Section 21.2 of ASCE 7-16 and Supplement No. 1. For our analysis we used a PGA_M of 0.89g, which was determined in accordance with Section 21.5 of ASCE 7-16.

4.3 LIQUEFACTION POTENTIAL

The site is within a State-designated Liquefaction Hazard Zone (CGS, San Leandro Quadrangle, 2003). Our field and laboratory programs addressed this issue by testing and

sampling potentially liquefiable layers to depths of at least 50 feet, performing visual classification on sampled materials, evaluating CPT data, and performing various tests to further classify soil properties.

4.3.1 Background

During strong seismic shaking, cyclically induced stresses can cause increased pore pressures within the soil matrix that can result in liquefaction triggering, soil softening due to shear stress loss, potentially significant ground deformation due to settlement within sandy liquefiable layers as pore pressures dissipate, and/or flow failures in sloping ground or where open faces are present (lateral spreading) (NCEER 1998). Limited field and laboratory data is available regarding ground deformation due to settlement; however, in clean sand layers settlement on the order of 2 to 4 percent of the liquefied layer thickness can occur. Soils most susceptible to liquefaction are loose, non-cohesive soils that are saturated and are bedded with poor drainage, such as sand and silt layers bedded with a cohesive cap.

4.3.2 Analysis

As discussed in the “Subsurface” section above, several sand layers were encountered below the design groundwater depth of 5 feet. Following the liquefaction analysis framework in the 2008 monograph, *Soil Liquefaction During Earthquakes* (Idriss and Boulanger, 2008), incorporating updates in *CPT and SPT Based Liquefaction Triggering Procedures* (Boulanger and Idriss, 2014), and in accordance with CDMG Special Publication 117A guidelines (CDMG, 2008) for quantitative analysis, these layers were analyzed for liquefaction triggering and potential post-liquefaction settlement. These methods compare the ratio of the estimated cyclic shaking (Cyclic Stress Ratio - CSR) to the soil’s estimated resistance to cyclic shaking (Cyclic Resistance Ratio - CRR), providing a factor of safety against liquefaction triggering. Factors of safety less than or equal to 1.3 are considered to be potentially liquefiable and capable of post-liquefaction re-consolidation (i.e. settlement).

The CSR for each layer quantifies the stresses anticipated to be generated due to a design-level seismic event, is based on the peak horizontal acceleration generated at the ground surface discussed in the “Estimated Ground Shaking” section above, and is corrected for overburden and stress reduction factors as discussed in the procedure developed by Seed and Idriss (1971) and updated in the 2008 Idriss and Boulanger monograph.

The soil’s CRR is estimated from the in-situ measurements from CPTs and laboratory testing on samples retrieved from our borings. SPT “N” values obtained from hollow-stem auger borings were not used in our analyses, as the “N” values obtained are less reliable in sands below groundwater. The tip pressures are corrected for effective overburden stresses, taking into consideration both the groundwater level at the time of exploration and the design groundwater level, and stress reduction versus depth factors. The CPT method utilizes the soil behavior type index (I_C) to estimate the plasticity of the layers.

In estimating post-liquefaction settlement at the site, we have implemented a depth weighting factor proposed by Cetin (2009). Following evaluation of 49 high-quality, cyclically induced,

ground settlement case histories from seven different earthquakes, Cetin proposed the use of a weighting factor based on the depth of layers. The weighting procedure was used to tune the surface observations at liquefaction sites to produce a better model fit with measured data. Aside from the better model fit it produced, the rationale behind the use of a depth weighting factor is based on the following: 1) upward seepage, triggering void ratio redistribution, and resulting in unfavorably higher void ratios for the shallower sublayers of soil layers; 2) reduced induced shear stresses and number of shear stress cycles transmitted to deeper soil layers due to initial liquefaction of surficial layers; and 3) possible arching effects due to nonliquefied soil layers. All these may significantly reduce the contribution of volumetric settlement of deeper soil layers to the overall ground surface settlement (Cetin, 2009).

The results of our CPT analyses (CPT-1 through CPT-5) are presented on Figures 4A through 4E of this report.

4.3.3 Summary

Our analyses indicate that several layers could potentially experience liquefaction triggering that could result in post-liquefaction total settlement at the ground surface ranging from ⅓- to 1¼-inches based on the Yoshimine (2006) method. As discussed in SP 117A, differential movement for level ground sites over deep soil sites will be up to about two-thirds of the total settlement between independent foundation elements. In our opinion, differential settlements are anticipated to range up to ¾-inch between independent foundation elements.

4.3.4 Ground Deformation and Surficial Cracking Potential

The methods used to estimate liquefaction settlements assume that there is a sufficient cap of non-liquefiable material to prevent ground deformation or sand boils. For ground deformation to occur, the pore water pressure within the liquefiable soil layer will need to be great enough to break through the overlying non-liquefiable layer, which could cause significant ground deformation and settlement. The work of Youd and Garris (1995) indicates that the non-liquefiable cap is sufficient to prevent ground deformation and significant surficial cracking; therefore, the above total settlement estimates are reasonable.

4.4 LATERAL SPREADING

Lateral spreading is horizontal/lateral ground movement of relatively flat-lying soil deposits towards a free face such as an excavation, channel, or open body of water; typically, lateral spreading is associated with liquefaction of one or more subsurface layers near the bottom of the exposed slope. As failure tends to propagate as block failures, it is difficult to analyze and estimate where the first tension crack will form.

There are no open faces within a distance considered susceptible to lateral spreading; therefore, in our opinion, the potential for lateral spreading to affect the site is low.

4.5 SEISMIC SETTLEMENT/UNSATURATED SAND SHAKING

Loose unsaturated sandy soils can settle during strong seismic shaking. We evaluated the potential for seismic compaction of the loose to medium dense sands above the design groundwater based on the work by Robertson and Shao (2010). Our analyses indicate there is a potential for less than ¼ inch of seismic settlement following a significant seismic event at CPT-3. The settlement was within the sandy undocumented fills observed within our paired Boring EB-3. Provided the undocumented fills are removed and replaced as engineered fill as discussed in the "Conclusions" and "Earthwork" sections of this report, the potential for significant differential seismic settlement affecting the proposed improvements is low.

4.6 TSUNAMI/SEICHE

The terms tsunami or seiche are described as ocean waves or similar waves usually created by undersea fault movement or by a coastal or submerged landslide. Tsunamis may be generated at great distance from shore (far field events) or nearby (near field events). Waves are formed, as the displaced water moves to regain equilibrium, and radiates across the open water, similar to ripples from a rock being thrown into a pond. When the waveform reaches the coastline, it quickly raises the water level, with water velocities as high as 15 to 20 knots. The water mass, as well as vessels, vehicles, or other objects in its path create tremendous forces as they impact coastal structures.

Tsunamis have affected the coastline along the Pacific Northwest during historic times. The Fort Point tide gauge in San Francisco recorded approximately 21 tsunamis between 1854 and 1964. The 1964 Alaska earthquake generated a recorded wave height of 7.4 feet and drowned eleven people in Crescent City, California. For the case of a far-field event, the Bay area would have hours of warning; for a near field event, there may be only a few minutes of warning, if any.

A tsunami or seiche originating in the Pacific Ocean would lose much of its energy passing through San Francisco Bay. Based on the mapping of tsunami inundation potential for the San Francisco Bay Area by CGS (conservation.ca.gov/cgs/tsunami/maps), areas most likely to be inundated are marshlands, tidal flats, and former bay margin lands that are now artificially filled, but are still at or below sea level, and are generally within 1½ miles of the shoreline. The site is approximately 1¾ miles inland from the San Francisco Bay shoreline and is at approximately Elevation 29 to 32 feet (NAVD88 datum). Therefore, the potential for inundation due to tsunami or seiche is considered low.

4.7 FLOODING

Based on our internet search of the Federal Emergency Management Agency (FEMA) flood map public database, the site is located within Zone X, areas determined to be outside the 0.2% annual chance floodplain. We recommend the project civil engineer be retained to confirm this information.

The Department of Water Resources (DWR), Division of Safety of Dams (DSOD) compiled a database of Dam Failure Inundation Hazard Maps (DSOD, 2015). The generalized hazard maps were prepared by dam owners as required by the State Office of Emergency Services; they are intended for planning purposes only. Based on our review of these maps, the site is located within a dam failure inundation area for the Chabot and New Upper San Leandro Reservoirs.

SECTION 5: CONCLUSIONS

5.1 SUMMARY

From a geotechnical viewpoint, the project is feasible provided the concerns listed below are addressed in the project design. Descriptions of each concern with brief outlines of our recommendations follow the listed concerns.

- Potential for liquefaction-induced settlements
- Shallow groundwater
- Presence of moderately to highly expansive soils
- Undocumented fill
- Redevelopment considerations

5.1.1 Potential for Liquefaction-Induced Settlements

As discussed, our liquefaction analysis indicates that there is a potential for liquefaction of localized sand layers during a significant seismic event. Although the potential for liquefied sands to vent to the ground surface through cracks in the surficial soils is low, our analysis indicates that liquefaction-induced settlement of up to about 1¼ -inch could occur, resulting in differential settlement up to about ¾-inch. Building foundations will need to be designed to tolerate total and differential settlement due to static loads and liquefaction-induced settlement. Detailed foundation recommendations are presented in the “Foundations” section.

5.1.2 Shallow Groundwater

Shallow groundwater was measured at depths ranging from approximately 8 to 14 feet below the existing ground surface in our explorations. We anticipate that high groundwater may fluctuate up to 5 feet below the existing ground surface, but is not anticipated over a sustained time period. Our experience with similar sites in the vicinity indicates that shallow groundwater could significantly impact grading and underground construction. These impacts typically consist of potentially wet and unstable pavement subgrade, difficulty achieving compaction, and difficult underground utility installation. Dewatering and shoring of utility trenches may be required in some isolated areas of the site. Detailed recommendations addressing this concern are presented in the “Earthwork” section of this report.

5.1.3 Presence of Moderately to Highly Expansive Soils

Moderately to highly expansive surficial soils generally blanket the site. Expansive soils can undergo significant volume change with changes in moisture content. They shrink and harden when dried and expand and soften when wetted. To reduce the potential for damage to the planned structure, slabs-on-grade should have sufficient reinforcement and be supported on a layer of non-expansive fill; footings should extend below the zone of seasonal moisture fluctuation. In addition, it is important to limit moisture changes in the surficial soils by using positive drainage away from buildings as well as limiting landscaping watering. We recommend that a plug of low-permeability clay soil, sand-cement slurry, or lean concrete be placed within trenches just outside where the trenches pass into building and pavement areas. Detailed grading and foundation recommendations addressing this concern are presented in the following sections.

5.1.4 Undocumented Fill

As discussed, our exploratory Borings EB-1 and EB-3 encountered 3½ and 6½ feet of undocumented fill, respectively. Undocumented fills are expected to vary in thickness, density, and consistency across the site. We recommend all undocumented fill be removed from within building areas. Additional recommendations are provided in the "Earthwork" sections of this report.

5.1.5 Redevelopment Considerations

As discussed, the site is currently occupied by an existing building and appurtenant pavements, site fixtures, and landscaping. We understand that all of the existing improvements will be demolished for the construction of the new warehouse building. Potential issues that are often associated with redeveloping sites include demolition of existing improvements, abandonment of existing utilities, and undocumented fills. Please refer to the "Earthwork" section below for further recommendations.

5.2 PLANS AND SPECIFICATIONS REVIEW

We recommend that we be retained to review the geotechnical aspects of the project structural, civil, and landscape plans and specifications, allowing sufficient time to provide the design team with any comments prior to issuing the plans for construction.

5.3 CONSTRUCTION OBSERVATION AND TESTING

As site conditions may vary significantly between the small-diameter borings performed during this investigation, we also recommend that a Cornerstone representative be present to provide geotechnical observation and testing during earthwork and foundation construction. This will allow us to form an opinion and prepare a letter at the end of construction regarding contractor compliance with project plans and specifications, and with the recommendations in our report. We will also be allowed to evaluate any conditions differing from those encountered during our investigation and provide supplemental recommendations as necessary. For these reasons, the

recommendations in this report are contingent of Cornerstone providing observation and testing during construction. Contractors should provide at least a 48-hour notice when scheduling our field personnel.

SECTION 6: EARTHWORK

6.1 SITE DEMOLITION

All existing improvements not to be reused for the current development, including all foundations, flatwork, pavements, utilities, and other improvements should be demolished and removed from the site. Recommendations in this section apply to the removal of these improvements, which are and may currently be present on the site, prior to the start of mass grading or the construction of new improvements for the project.

Cornerstone should be notified prior to the start of demolition and should be present on at least a part-time basis during all backfill and mass grading as a result of demolition. Occasionally, other types of buried structures (wells, cisterns, debris pits, etc.) can be found on sites with prior development. If encountered, Cornerstone should be contacted to address these types of structures on a case-by-case basis.

6.1.1 Demolition of Existing Slabs, Foundations and Pavements

All slabs, foundations, and pavements should be completely removed from within planned building areas.

Special care should be taken during the demolition and removal of existing floor slabs, foundations, utilities and pavements to minimize disturbance of the subgrade. Excessive disturbance of the subgrade, which includes either native or previously placed engineered fill, resulting from demolition activities can have serious detrimental effects on planned foundation and paving elements.

Existing foundations are typically mat-slabs, shallow footings, or piers/piles. If slab or shallow footings are encountered, they should be completely removed. If drilled piers are encountered, they should be cut off at an elevation at least 60-inches below proposed footings or the final subgrade elevation, whichever is deeper. The remainder of the drilled pier could remain in place. Foundation elements to remain in place should be surveyed and superimposed on the proposed development plans to determine the potential for conflicts or detrimental impacts to the planned construction. Following review, additional mitigation or planned foundation elements may need to be modified.

6.1.2 Abandonment of Existing Utilities

All utilities should be completely removed from within planned building areas. For any utility line to be considered acceptable to remain within building areas, the utility line must be completely backfilled with grout or sand-cement slurry (sand slurry is not acceptable), the ends outside the building area capped with concrete, and the trench fills either removed and replaced as

engineered fill with the trench side slopes flattened to at least 1:1, or the trench fills are determined not to be a risk to the structure. The assessment of the level of risk posed by the particular utility line will determine whether the utility may be abandoned in place or needs to be completely removed. The contractor should assume that all utilities will be removed from within building areas unless provided written confirmation from both the owner and the geotechnical engineer.

Utilities extending beyond the building area may be abandoned in place provided the ends are plugged with concrete, they do not conflict with planned improvements, and that the trench fills do not pose significant risk to the planned surface improvements.

The risk for owners associated with abandoning utilities in place include the potential for future differential settlement of existing trench fills, and/or partial collapse and potential ground loss into utility lines that are not completely filled with grout.

6.2 SITE CLEARING AND PREPARATION

6.2.1 Site Stripping

The site should be stripped of all surface vegetation, and surface and subsurface improvements to be removed within the proposed development area. Demolition of existing improvements is discussed in the prior paragraphs. A detailed discussion of existing fills is provided later in this report. Surface vegetation and topsoil should be stripped to a sufficient depth to remove all material greater than 3 percent organic content by weight.

6.2.2 Tree and Shrub Removal

Trees and shrubs designated for removal should have the root balls and any roots greater than ½-inch diameter removed completely. Mature trees are estimated to have root balls extending to depths of 2 to 4 feet, depending on the tree size. Significant root zones are anticipated to extend to the diameter of the tree canopy. Grade depressions resulting from root ball removal should be cleaned of loose material and backfilled in accordance with the recommendations in the “Compaction” section of this report.

6.3 MITIGATION OF UNDOCUMENTED FILLS

As discussed in the “Conclusions” section, Borings EB-1 and EB-3 encountered 3½ and 6½ feet of undocumented fills and additional undocumented fills are anticipated to be encountered as part of the prior development grading and improvements. Undocumented fills are expected to vary across the site. All undocumented fills should be completely removed from within building areas and to a lateral distance of at least 5 feet beyond the building footprint or to a lateral distance equal to fill depth below the perimeter footing, whichever is greater. Side slopes of the demolition and/or fill removal excavations should be over-excavated or benched to inclinations no steeper than 3:1 (horizontal:vertical) until the footings are supported entirely on native material or engineered fill to reduce abrupt fill thickness transitions.

Provided the fills meet the “Material for Fill” requirements below, the fills may be reused when backfilling the excavations. Based on review of the samples collected from our borings, it appears that the fill may be reused. If materials are encountered that do not meet the requirements, such as debris, wood, trash, those materials should be screened out of the remaining material and be removed from the site. Backfill of excavations should be placed in lifts and compacted in accordance with the “Compaction” section below.

Fill extending into planned pavement and flatwork areas may be left in place provided they are determined to be a low risk for future settlement and that the upper 12 inches of fill below pavement subgrade is re-worked and compacted as discussed in the “Compaction” section below.

6.3.1 Supplemental Exploratory Test Pits

At your option, a supplemental field exploration program including test pits can be performed once site demolition has been completed to better evaluate the competency and quality of the existing undocumented fill and further define its limits and depths. We recommend this supplemental program be performed after the existing buildings are demolished and prior to site mass grading, if appropriate.

6.4 TEMPORARY CUT AND FILL SLOPES

The contractor is responsible for maintaining all temporary slopes and providing temporary shoring where required. Temporary shoring, bracing, and cuts/fills should be performed in accordance with the strictest government safety standards. On a preliminary basis, the upper 5 feet at the site may be classified as OSHA Soil Type C materials.

Excavations performed during site demolition and fill removal should be sloped at 3:1 (horizontal:vertical) within the upper 5 feet below building subgrade. Actual excavation inclinations should be reviewed in the field during construction, as needed. Excavations below building subgrade and excavations in pavement and flatwork areas should be sloped in accordance with OSHA soil classification requirements.

In general, the contractor should be responsible for all temporary trenches and excavations at the site and design of any required temporary shoring. Support of adjacent existing improvements without distress should also be the contractor’s responsibility.

6.5 SHALLOW GROUNDWATER

As previously stated, high groundwater levels are anticipated to be on the order of 5 feet at the site. We recommend that contractors anticipate dewatering to control water seeping into deeper excavations close to or below the groundwater. Groundwater conditions can be difficult to handle, and if the groundwater is in a relatively widespread, continuous layer, it may be hard to dewater, requiring continuous dewatering during excavations. Contractors should also anticipate wet and unstable subgrade conditions and difficulty achieving compaction within wetter soils.

6.6 SUBGRADE PREPARATION

After site clearing and demolition is complete, and prior to backfilling any excavations resulting from fill removal or demolition, the excavation subgrade and subgrade within areas to receive additional site fills, slabs-on-grade and/or pavements should be scarified to a depth of 6 inches, moisture conditioned, and compacted in accordance with the "Compaction" section below.

Some near surface sandy soils were encountered in our borings. If sandy soils are present at subgrade elevation, we recommend that subgrade compaction and proof rolling be performed within 24 hours of capillary break layer or slab-on-grade construction.

6.7 WET SOIL STABILIZATION GUIDELINES

Native soil and fill materials, especially soils with high fines contents such as clays and silty soils, can become unstable due to high moisture content, whether from high in-situ moisture contents or from winter rains. As the moisture content increases over the laboratory optimum, it becomes more likely the materials will be subject to softening and yielding (pumping) from construction loading or become unworkable during placement and compaction.

As discussed in the "Subsurface" section in this report, the in-situ moisture contents range up to about 15 percent over the estimated laboratory optimum in the upper 10 feet of the soil profile. The contractor should anticipate needing to dry some soils prior to reusing them as fill. In addition, repetitive rubber-tire loading may de-stabilize the soils.

There are several methods to address potential unstable soil conditions and facilitate fill placement and trench backfill. Some of the methods are briefly discussed below. Implementation of the appropriate stabilization measures should be evaluated on a case-by-case basis according to the project construction goals and the site conditions.

6.7.1 Scarification and Drying

The soils may be scarified to a depth of 6 to 12 inches and allowed to dry to near optimum conditions, if sufficient dry weather is anticipated to allow sufficient drying. More than one round of scarification may be needed to break up the soil clods.

6.7.2 Removal and Replacement

As an alternative to scarification, the contractor may choose to over-excavate the unstable soils and replace them with dry on-site or import materials. A Cornerstone representative should be present to provide recommendations regarding the appropriate depth of over-excavation, whether a geosynthetic (stabilization fabric or geogrid) is recommended, and what materials are recommended for backfill.

6.7.3 Chemical Treatment

Where the unstable area exceeds about 5,000 to 10,000 square feet and/or site winterization is desired, chemical treatment with quicklime (CaO), kiln-dust, or cement may be more cost-effective than removal and replacement. Recommended chemical treatment depths will typically range from 12 to 18 inches depending on the magnitude of the instability. The feasibility and chemical treatment method should be further evaluated by the specialty contractor. Additional laboratory testing should be performed, as required.

6.8 MATERIAL FOR FILL

6.8.1 Re-Use of On-site Soils

On-site soils with an organic content less than 3 percent by weight may be reused as general fill. General fill should not have lumps, clods or cobble pieces larger than 6 inches in diameter; 85 percent of the fill should be smaller than 2½ inches in diameter. Minor amounts of oversized material (smaller than 12 inches in diameter) may be allowed provided the oversized pieces are not allowed to nest together and the compaction method will allow for loosely placed lifts not exceeding 12 inches.

As discussed, the in-situ moisture contents range up to about 15 percent over the estimated laboratory optimum in the upper 10 feet of the soil profile. Additionally, the soils may become significantly wetter during wet winter weather and where excavations extend near groundwater. The contractor should anticipate drying and processing wetter soils prior to reusing them as fill. The contractors should anticipate working with and mitigating unstable soil conditions.

6.8.2 Re-Use of On-Site Site Improvements

Asphalt concrete (AC) grindings and aggregate base (AB) and Portland Cement Concrete (PCC) may be generated during site demolition. If the AC grindings are mixed with the underlying AB to meet Class 2 AB specifications, they may be reused within the new pavement and flatwork structural sections. AC grindings may not be reused within the building areas unless otherwise approved by ownership. Laboratory testing will be required to confirm the grindings meet project specifications.

If the site area allows for on-site pulverization of PCC and provided the PCC is pulverized to meet the “Material for Fill” requirements of this report, it may be used as select fill within the building areas, excluding the capillary break layer; as typically pulverized PCC comes close to or meets Class 2 AB specifications, the recycled PCC may likely be used within the pavement structural sections. Laboratory testing will be required to confirm the pulverized PCC meets project specifications. PCC grindings also make good winter construction access roads, similar to a cement-treated base (CTB) section.

6.8.3 Potential Import Sources

Non-expansive material should be inorganic with a Plasticity Index (PI) of 15 or less, and not contain recycled asphalt concrete where it will be used within the building areas unless otherwise approved by ownership. Imported soil for use as general fill material should be inorganic with a Plasticity Index (PI) of 25 or less, and not contain recycled asphalt concrete where it will be used within the building areas unless otherwise approved by ownership. To prevent significant caving during trenching or foundation construction, imported material should have sufficient fines. Samples of potential import sources should be delivered to our office at least 10 days prior to the desired import start date. Information regarding the import source should be provided, such as any site geotechnical reports. If the material will be derived from an excavation rather than a stockpile, potholes will likely be required to collect samples from throughout the depth of the planned cut that will be imported. At a minimum, laboratory testing will include PI tests. Material data sheets for select fill materials (Class 2 aggregate base, ¾-inch crushed rock, quarry fines, etc.) listing current laboratory testing data (not older than 6 months from the import date) may be provided for our review without providing a sample. If current data is not available, specification testing will need to be completed prior to approval.

Environmental and soil corrosion characterization should also be considered by the project team prior to acceptance. Suitable environmental laboratory data to the planned import quantity should be provided to the project environmental consultant; additional laboratory testing may be required based on the project environmental consultant's review. The potential import source should also not be more corrosive than the on-site soils, based on pH, saturated resistivity, and soluble sulfate and chloride testing.

6.8.4 Non-Expansive Fill Using Lime Treatment

As discussed above, non-expansive fill should have a Plasticity Index (PI) of 15 or less. As an alternative to importing non-expansive fill, chemical treatment can be considered to create non-expansive fill. It has been our experience that for high PI clayey soil materials will likely need to be mixed with at least 3 to 4 percent quicklime (CaO) or approved equivalent to adequately reduce the PI of the on-site soils to 15 or less. If this option is considered, additional laboratory tests should be performed during initial site grading to further evaluate the optimum percentage of quicklime required.

6.9 COMPACTION REQUIREMENTS

All fills, and subgrade areas where fill, slabs-on-grade, and pavements are planned, should be placed in loose lifts 8 inches thick or less and compacted in accordance with ASTM D1557 (latest version) requirements as shown in the table below. In general, clayey soils should be compacted with sheepsfoot equipment and sandy/gravelly soils with vibratory equipment; open-graded materials such as crushed rock should be placed in lifts no thicker than 18 inches and consolidated in place with vibratory equipment. Each lift of fill and all subgrade should be firm and unyielding under construction equipment loading in addition to meeting the compaction requirements to be approved. The contractor (with input from a Cornerstone representative) should evaluate the in-situ moisture conditions, as the use of vibratory equipment on soils with

high moistures can cause unstable conditions. General recommendations for soil stabilization are provided in the "Wet Soil Stabilization Guidelines" section of this report. Where the soil's PI is 20 or greater, the expansive soil criteria should be used.

Table 2: Compaction Requirements

Description	Material Description	Minimum Relative[1] Compaction (percent)	Moisture[2] Content (percent)
General Fill (within upper 5 feet)	On-Site Expansive Soils	87 – 92	>3
	Low Expansion Soils	90	>1
General Fill (below a depth of 5 feet)	On-Site Expansive Soils	92	>3
	Low Expansion Soils	95	>1
Retaining Wall Backfill	Without Surface Improvements	90[5]	>1
	With Surface Improvements	95[4,5]	>1
Trench Backfill	On-Site Expansive Soils	87 – 92	>3
	Low Expansion Soils	90	>1
Trench Backfill (upper 6 inches of subgrade)	On-Site Low Expansion Soils	95	>1
Crushed Rock Fill	¾-inch Clean Crushed Rock	Consolidate In-Place	NA
Non-Expansive Fill	Imported Non-Expansive Fill	90	Optimum
Warehouse Slab-On-Grade (upper 12 inches beneath slab)	Aggregate Base/Non-Expansive Fill	95[6]	Optimum
Flatwork Subgrade	On-Site Expansive Soils	87 - 92	>3
	Low Expansion Soils	90	>1
Flatwork Aggregate Base	Class 2 Aggregate Base[3]	90	Optimum
Pavement Subgrade	On-Site Expansive Soils	87 - 92	>3
	Low Expansion Soils	95	>1
Pavement Aggregate Base	Class 2 Aggregate Base[3]	95	Optimum
Asphalt Concrete	Asphalt Concrete	95 (Marshall)	NA

1 – Relative compaction based on maximum density determined by ASTM D1557 (latest version)
2 – Moisture content based on optimum moisture content determined by ASTM D1557 (latest version)
3 – Class 2 aggregate base shall conform to Caltrans Standard Specifications, latest edition, except that the relative compaction should be determined by ASTM D1557 (latest version)
4 – Using light-weight compaction or walls should be braced
5 – Refer to the retaining wall section of this report for additional recommendations for expansive soil compaction
6 – If the non-expansive fill (NEF) directly beneath the aggregate section consists of undisturbed lime-treated material, the lime-treated material only needs to be compacted to 90 percent relative compaction.

6.9.1 Construction Moisture Conditioning

Expansive soils can undergo significant volume change when dried then wetted. The contractor should keep all exposed expansive soil subgrade (and also trench excavation side walls) moist

until protected by overlying improvements (or trenches are backfilled). If expansive soils are allowed to dry out significantly, re-moisture conditioning may require several days of re-wetting (flooding is not recommended), or deep scarification, moisture conditioning, and re-compaction.

6.10 TRENCH BACKFILL

Utility lines constructed within public right-of-way should be trenched, bedded and shaded, and backfilled in accordance with the local or governing jurisdictional requirements. Utility lines in private improvement areas should be constructed in accordance with the following requirements unless superseded by other governing requirements.

All utility lines should be bedded and shaded to at least 6 inches over the top of the lines with crushed rock (⅜-inch-diameter or greater) or well-graded sand and gravel materials conforming to the pipe manufacturer's requirements. Open-graded shading materials should be consolidated in place with vibratory equipment and well-graded materials should be compacted to at least 90 percent relative compaction with vibratory equipment prior to placing subsequent backfill materials. Open-graded materials (i.e. crushed rock, pea gravel, etc.) should also be completely enclosed within filter fabric, Mirafi 140N, or approved equivalent when extending near and below the design groundwater.

General backfill over shading materials may consist of on-site native materials provided they meet the requirements in the "Material for Fill" section, and are moisture conditioned and compacted in accordance with the requirements in the "Compaction" section.

Where utility lines will cross perpendicular to strip footings, the footing should be deepened to encase the utility line, providing sleeves or flexible cushions to protect the pipes from anticipated foundation settlement, or the utility lines should be backfilled to the bottom of footing with sand-cement slurry or lean concrete. Where utility lines will parallel footings and will extend below the "foundation plane of influence," an imaginary 1:1 plane projected down from the bottom edge of the footing, either the footing will need to be deepened so that the pipe is above the foundation plane of influence or the utility trench will need to be backfilled with sand-cement slurry or lean concrete within the influence zone. Sand-cement slurry used within foundation influence zones should have a minimum compressive strength of 75 psi.

On expansive soils sites it is desirable to reduce the potential for water migration into building and pavement areas through the granular shading materials. We recommend that a plug of low-permeability clay soil, sand-cement slurry, or lean concrete be placed within trenches just outside where the trenches pass into building and pavement areas.

6.11 SITE DRAINAGE

Ponding should not be allowed adjacent to building foundations, slabs-on-grade, or pavements. Hardscape surfaces should slope at least 2 percent towards suitable discharge facilities; landscape areas should slope at least 3 percent towards suitable discharge facilities. Roof runoff should be directed away from building areas in closed conduits, to approved infiltration facilities, or on to hardscaped surfaces that drain to suitable facilities. Retention, detention or

infiltration facilities should be spaced at least 10 feet from buildings, and preferably at least 5 feet from slabs-on-grade or pavements. However, if retention, detention or infiltration facilities are located within these zones, we recommend that these treatment facilities meet the requirements in the Storm Water Treatment Design Considerations section of this report.

6.12 LOW-IMPACT DEVELOPMENT (LID) IMPROVEMENTS

The Municipal Regional Permit (MRP) requires regulated projects to treat 100 percent of the amount of runoff identified in Provision C.3.d from a regulated project's drainage area with low impact development (LID) treatment measures onsite or at a joint stormwater treatment facility. LID treatment measures are defined as rainwater harvesting and use, infiltration, evapotranspiration, or biotreatment. A biotreatment system may only be used if it is infeasible to implement harvesting and use, infiltration, or evapotranspiration at a project site.

Technical infeasibility of infiltration may result from site conditions that restrict the operability of infiltration measures and devices. Various factors affecting the feasibility of infiltration treatment may create an environmental risk, structural stability risk, or physically restrict infiltration. The presence of any of these limiting factors may render infiltration technically infeasible for a proposed project. To aid in determining if infiltration may be feasible at the site, we provide the following site information regarding factors that may aid in determining the feasibility of infiltration facilities at the site.

- The near-surface soils at the site are generally clayey and categorized as Hydrologic Soil Group D, and is expected to have infiltration rates of less than 0.2 inches per hour. In our opinion, these clayey soils will significantly limit the infiltration of stormwater.

- Locally, seasonal high groundwater is anticipated at a depth of 5 feet, and therefore is expected to be within 10 feet below the base of the infiltration measure.

- In our opinion, infiltration locations within 10 feet of the buildings would create a geotechnical hazard.

6.12.1 Storm Water Treatment Design Considerations

If storm water treatment improvements, such as shallow bio-retention swales, basins or pervious pavements, are required as part of the site improvements to satisfy Storm Water Quality (C.3) requirements, we recommend the following items be considered for design and construction.

6.12.1.1 General Bioswale Design Guidelines

- If possible, avoid placing bioswales or basins within 10 feet of the building perimeter or within 5 feet of exterior flatwork or pavements. If bioswales must be constructed within these setbacks, the side(s) and bottom of the trench excavation should be lined with 10-mil visqueen to reduce water infiltration into the surrounding expansive clay.

- Bioswales constructed within 3 feet of proposed buildings may be within the foundation zone of influence for perimeter wall loads. Therefore, where bioswales will parallel foundations and will extend below the "foundation plane of influence," an imaginary 1:1 plane projected down from the bottom edge of the foundation, the foundation will need to be deepened so that the bottom edge of the bioswale filter material is above the foundation plane of influence.

- The bottom of bioswale or detention areas should include a perforated drain placed at a low point, such as a shallow trench or sloped bottom, to reduce water infiltration into the surrounding soils near structural improvements, and to address the low infiltration capacity of the on-site clay soils.

6.12.1.2 Bioswale Infiltration Material

- Gradation specifications for bioswale filter material, if required, should be specified on the grading and improvement plans.

- Compaction requirements for bioswale filter material in non-landscaped areas or in pervious pavement areas, if any, should be indicated on the plans and specifications to satisfy the anticipated use of the infiltration area.

- If bioswales are to be vegetated, the landscape architect should select planting materials that do not reduce or inhibit the water infiltration rate, such as covering the bioswale with grass sod containing a clayey soil base.

- Due to the relatively loose consistency and/or high organic content of many bioswale filter materials, long-term settlement of the bioswale medium should be anticipated. To reduce initial volume loss, bioswale filter material should be wetted in 12-inch lifts during placement to pre-consolidate the material. Mechanical compaction should not be allowed, unless specified on the grading and improvement plans, since this could significantly decrease the infiltration rate of the bioswale materials.

- It should be noted that the volume of bioswale filter material may decrease over time depending on the organic content of the material. Additional filter material may need to be added to bioswales after the initial exposure to winter rains and periodically over the life of the bioswale areas, as needed.

6.12.1.3 Bioswale Construction Adjacent to Pavements

If bio-infiltration swales or basins are considered adjacent to proposed parking lots or exterior flatwork, we recommend that mitigative measures be considered in the design and construction of these facilities to reduce potential impacts to flatwork or pavements. Exterior flatwork, concrete curbs, and pavements located directly adjacent to bio-swales may be susceptible to settlement or lateral movement, depending on the configuration of the bioswale and the setback between the improvements and edge of the swale. To reduce the potential for distress to these

improvements due to vertical or lateral movement, the following options should be considered by the project civil engineer:

- Improvements should be setback from the edge of a bioswale (assuming a sloping bioswale) such that there is at least 1 foot of horizontal distance between the edge of improvements and the top edge of the bioswale excavation for every 1 foot of vertical bioswale depth, or

- Concrete curbs for pavements, or lateral restraint for exterior flatwork, located directly adjacent to a bioswale, or not meeting the above setback, should be designed to resist lateral earth pressures in accordance with the recommendations in the "Retaining Walls" section of this report, or concrete curbs or edge restraint should be adequately keyed into the native soil or engineered to reduce the potential for rotation or lateral movement of the curbs.

6.13 LANDSCAPE CONSIDERATIONS

Since the near-surface soils are moderately to highly expansive, we recommend greatly reducing the amount of surface water infiltrating these soils near foundations and exterior slabs-on-grade. This can typically be achieved by:

- Using drip irrigation

- Avoiding open planting within 3 feet of the building perimeter or near the top of slopes

- Regulating the amount of water distributed to lawns or planter areas by using irrigation timers

- Selecting landscaping that requires little or no watering, especially near foundations.

We recommend that the landscape architect consider these items when developing landscaping plans.

SECTION 7: 2022 CBC SEISMIC DESIGN CRITERIA

7.1 SEISMIC DESIGN CRITERIA

We developed site-specific seismic design parameters in accordance with Chapter 16, Chapter 18 and Appendix J of the 2022 California Building Code (CBC) and Chapters 11, 12, 20, and 21 and Supplement No. 1 of ASCE 7-16.

7.1.1 Site Location and Provided Data For 2022 CBC Seismic Design

The project is located at latitude 37.703569° and longitude -122.153242°, which is based on Google Earth (WGS84) coordinates at the approximate center of 3199 Alvarado Street in San Leandro, California. We have assumed that a Seismic Importance Factor (I_e) of 1.00 has been

assigned to the structure in accordance with Table 1.5-2 of ASCE 7-16 for structures classified as Risk Category II. The building period has not been provided by the project structural engineer.

7.2 2022 CBC SEISMIC DESIGN CRITERIA

As discussed in the "Subsurface" of our report, our CPT and exploratory borings encountered medium dense to very dense sands and medium stiff to hard clay deposits to a depth of 100 feet, the maximum depth explored. Shear wave velocity (V_S) measurements were performed while advancing CPT-5, resulting in a time-averaged shear wave velocity for the top 30 meters (V_{S30}) of 234 meters per second (767 feet per second), for the upper 100 feet. As our borings encountered deep alluvial soils with shear wave velocity for the upper 30 meters between 600 and 1200 feet per second, per section 20.3.2 of ASCE 7-16, we have classified the site as Soil Classification D, which is described as a "stiff soil" profile. Because we used site specific data from our explorations and laboratory testing, the site class should be considered as "determined" for the purposes of estimating the seismic design parameters from the code.

In accordance with Section 11.4.8 of ASCE 7-16, we performed a ground motion hazard analysis following Chapter 21, Section 21.2 of ASCE 7-16. We evaluated both Probabilistic MCE_R Ground Motions in accordance with Method 1 and Deterministic MCE_R Ground Motions to generate our recommended design response spectrum for the project. The recommended design spectral accelerations and associated periods are provided graphically on Figure 5.

SECTION 8: FOUNDATIONS

8.1 SUMMARY OF RECOMMENDATIONS

In our opinion, provided estimated settlements are structurally tolerable, the proposed structure may be supported on shallow foundations provided the recommendations in the "Earthwork" section and the sections below are followed.

8.2 SHALLOW FOUNDATIONS

Provided the structure can tolerate the estimated static and seismic total and differential settlements, conventional shallow footings can be considered for building support.

8.2.1 Conventional Shallow Footings

Conventional shallow footings should bear on natural, undisturbed soil or engineered fill, be at least 15 inches wide, and extend at least 18 inches below the lowest adjacent grade. Lowest adjacent grade is defined as the deeper of the following: 1) bottom of the adjacent interior slab-on-grade, or 2) finished exterior grade, excluding landscaping topsoil.

Based on the preliminary finished floor provided and estimated depth of footings, we anticipate bottom of footings will range from about 3 feet above existing grades down to about 4 feet below existing grades. Based on these depths, footings constructed to the above dimensions and in

accordance with the “Earthwork” recommendations of this report are capable of supporting maximum allowable bearing pressures of 2,000 psf for dead loads, 3,000 psf for combined dead plus live loads, and 4,000 psf for all loads including wind and seismic. These pressures are based on factors of safety of 3.0, 2.0, and 1.5 applied to the ultimate bearing pressure for dead, dead plus live, and all loads, respectively. These pressures are net values; the weight of the footing may be neglected for the portion of the footing extending below grade (typically, the full footing depth). Top and bottom mats of reinforcing steel should be included in continuous footings to help span irregularities and differential settlement. Once additional grading and foundation loading and dimensions are available, we recommend we be retained to review and provide additional bearing capacity recommendations.

8.2.2 Footing Settlement

Structural loads were not provided to us at the time this report was prepared; therefore, we assumed the typical loading in the following table.

Table 3: Anticipated Structural Loading

Foundation Area	Range of Assumed Loads
Interior Isolated Column Footing	75 to 100 kips
Perimeter Strip Footing	7 to 9 kips per lineal foot

Based on the preliminary finished floor Elevation 35 feet, site grades will be generally raised about 3½ to 6 feet to establish finished floor. Settlement within slab areas due to fill placement is estimated to be on the order of less than ½- to ⅔-inch. Based on the estimated foundation loading above, allowable bearing pressures presented above, and assumed bottom of footings (interior column footings at about 3 feet below finished floor and perimeter wall footings at loading docks at about 6 to 7 feet below finished floor), we estimate that the total static footing settlement will be on the order of ½- to ¾-inch, with less than ½-inch of post-construction differential settlement between adjacent foundation elements, or over an estimated horizontal distance of 50 to 60 feet. In addition, we estimate that differential seismic movement between independent foundation elements will be on the order of ¾-inch, resulting in a total estimated combined static and seismic differential footing movement of about 1- to 1¼-inch between independent foundation elements, or over a horizontal distance of about 50 to 60 feet. As our footing loads were assumed and grading information is preliminary, we recommend we be retained to review the final footing layout and loading and verify the above settlement estimates.

8.2.3 Lateral Loading

Lateral loads may be resisted by friction between the bottom of footing and the supporting subgrade, and also by passive pressures generated against footing sidewalls. An ultimate frictional resistance of 0.40 applied to the footing dead load, and an ultimate passive pressure based on an equivalent fluid pressure of 400 pcf may be used in design. The structural engineer should apply an appropriate factor of safety (such as 1.5) to the ultimate values above.

Where footings are adjacent to landscape areas without hardscape, the upper 18 inches of soil should be neglected when determining passive pressure capacity.

8.2.4 Conventional Shallow Footing Construction Considerations

Where utility lines will cross perpendicular to strip footings, the footing should be deepened to encase the utility line, providing sleeves or flexible cushions to protect the pipes from anticipated foundation settlement, or the utility lines should be backfilled to the bottom of footing with sand-cement slurry or lean concrete. Where utility lines will parallel footings and will extend below the "foundation plane of influence," an imaginary 1:1 plane projected down from the bottom edge of the footing, either the footing will need to be deepened so that the pipe is above the foundation plane of influence or the utility trench will need to be backfilled with sand-cement slurry or lean concrete within the influence zone. Sand-cement slurry used within foundation influence zones should have a minimum compressive strength of 75 psi.

Footing excavations should be filled as soon as possible or be kept moist until concrete placement by regular sprinkling to prevent desiccation. A Cornerstone representative should observe all footing excavations prior to placing reinforcing steel and concrete. If there is a significant schedule delay between our initial observation and concrete placement, we may need to re-observe the excavations.

Some near surface sandy soils were encountered at the site. Where encountered, footing excavation walls may not stand vertical and may need to be sloped to a minimum 1:1 inclination or Stay-Form or similar may need to be placed within the footing excavations as they are excavated during construction of the foundation elements. If granular material is encountered in footing bottoms they will likely be disturbed to a depth of 6 to 8 inches following excavation and will need to be compacted to 90 percent relative compaction prior to steel placement. Care should be taken to not disturb the compacted granular material during steel placement. We should re-observe the footing excavations in granular materials after reinforcing steel has been placed and just prior to concrete placement. Footing excavations should also be kept moist by regular sprinkling with water to prevent desiccation and potential raveling of the granular materials. As an alternative, a rat slab can be placed over the granular material after we have observed the footing excavation to protect the granular material prior to steel placement.

SECTION 9: CONCRETE SLABS AND PEDESTRIAN PAVEMENTS

9.1 OFFICE SLABS-ON-GRADE

Due to the moderate to high expansion potential of the surficial soils, the proposed office slabs-on-grade should be at least 6 inches thick and be supported on at least 12 inches of non-expansive fill (NEF) to reduce the potential for slab damage due to soil heave. The NEF layer should be constructed over subgrade prepared in accordance with the recommendations in the "Earthwork" section of this report. If moisture-sensitive floor coverings are planned, the recommendations in the "Interior Slabs Moisture Protection Considerations" section below may be incorporated in the project design if desired. If significant time elapses between initial subgrade preparation and slab-on-grade NEF construction, the subgrade should be proof-rolled

to confirm subgrade stability, and if the soil has been allowed to dry out, the subgrade should be re-moisture conditioned in accordance with the “Compaction” section of this report.

The structural engineer should determine the appropriate slab reinforcement for the loading requirements and considering the expansion potential of the underlying soils. For unreinforced concrete slabs, ACI 302.1R recommends limiting control joint spacing to 24 to 36 times the slab thickness in each direction, or a maximum of 18 feet.

9.2 WAREHOUSE SLABS-ON-GRADE

Warehouse slabs-on-grade should be at least 6 inches thick, should have a minimum compressive strength of 3,500 psi, and should be designed for the specific warehouse loading (i.e. forklifts, rack loads, etc.). At this time, rack loading information, etc. was not available. The slab should also be designed to accommodate potential slab settlement beneath heavily loaded slab areas.

Warehouse slabs-on-grade should also be supported on at least 6 inches of non-expansive fill (NEF) consisting of crushed granular base having an R-value of at least 50 and no more than 10 percent passing the No. 200 sieve, such as Class 2 aggregate base. Due to the moderate to high plasticity of the existing soils, an additional 6 inches of non-expansive fill (NEF) should underlie the upper granular base NEF, for a total slab NEF section thickness of 12 inches.

To summarize, the warehouse slab-on-grade should be underlain by the materials and alternatives outlined below. Figure 6 outlines the recommended NEF section beneath warehouse slabs-on-grade. Additional details follow these points.

- Zone A Fill Material – Upper 6 inches of pad subgrade should consist of crushed granular base having an R-value of at least 50 and no more than 10 percent passing the No. 200 sieve, such as Class 2 aggregate base

- Zone B Fill Material – from 6 to 12 inches below pad subgrade (or below the Zone A noted above), the soil/material should also consist of a non-expansive fill (NEF) with a Plasticity Index (PI) of 15, or less

- Zone B Fill Material Alternative 1 – from 6 to 12 inches below pad subgrade (or below the Zone A noted above), the non-expansive fill material also can consist of the same material used for Zone A

- Zone B Fill Material Alternative 2 – from 6 to 12 inches below pad subgrade (or below the Zone A noted above), the onsite material also can be chemical-treated to meet non-expansive requirement with a PI of 15, or less

All base and subbase materials should be placed and compacted in accordance with the “Compaction” section of this report. If there will be areas within the warehouse that are moisture sensitive, such as equipment and elevator rooms, a vapor barrier may be placed over the upper granular base prior to slab construction. Please refer to the recommendations in the “Interior

Slabs Moisture Protection Considerations" section for vapor barrier construction. Consideration should be given to limiting the control joint spacing to a maximum of about 2 feet in each direction for each inch of concrete thickness.

9.3 INTERIOR SLABS MOISTURE PROTECTION CONSIDERATIONS

The following general guidelines for concrete slab-on-grade construction where floor coverings are planned are presented for the consideration by the developer, design team, and contractor. These guidelines are based on information obtained from a variety of sources, including the American Concrete Institute (ACI) and are intended to reduce the potential for moisture-related problems causing floor covering failures, and may be supplemented as necessary based on project-specific requirements. The application of these guidelines or not will not affect the geotechnical aspects of the slab-on-grade performance.

- Place a minimum 15-mil vapor retarder conforming to ASTM E 1745, Class C requirements or better directly below the concrete slab; the vapor retarder should extend to the slab edges and be sealed at all seams and penetrations in accordance with manufacturer's recommendations and ASTM E 1643 requirements. A 4-inch-thick capillary break, consisting of crushed rock should be placed below the vapor retarder and consolidated in place with vibratory equipment. The capillary break rock may be considered as the upper 4 inches of the non-expansive fill previously recommended. The mineral aggregate shall be of such size that the percentage composition by dry weight as determined by laboratory sieves will conform to the following gradation:

Sieve Size	Percentage Passing Sieve
1"	100
¾"	90 – 100
No. 4	0 – 10
No. 200	0 – 5

- The concrete water:cement ratio should be 0.45 or less. Mid-range plasticizers may be used to increase concrete workability and facilitate pumping and placement.

- Water should not be added after initial batching unless the slump is less than specified and/or the resulting water:cement ratio will not exceed 0.45.

- Polishing the concrete surface with metal trowels is not recommended.

- Where floor coverings are planned, all concrete surfaces should be properly cured.

- Water vapor emission levels and concrete pH should be determined in accordance with ASTM F1869-98 and F710-98 requirements and evaluated against the floor covering manufacturer's requirements prior to installation.

9.4 EXTERIOR FLATWORK

Exterior concrete flatwork subject to pedestrian and/or occasional light pick up loading should be at least 4 inches thick and supported on at least 6 inches of Class 2 aggregate base overlying subgrade prepared in accordance with the "Earthwork" recommendations of this report. Flatwork that will be subject to heavier or frequent vehicular loading should be designed in accordance with the recommendations in the "Vehicular Pavements" section below. To help reduce the potential for uncontrolled shrinkage cracking, adequate expansion and control joints should be included. Consideration should be given to limiting the control joint spacing to a maximum of about 2 feet in each direction for each inch of concrete thickness. Flatwork should be isolated from adjacent foundations or retaining walls.

SECTION 10: VEHICULAR PAVEMENTS

10.1 ASPHALT CONCRETE

The following asphalt concrete pavement recommendations tabulated below are based on the Procedure 608 of the Caltrans Highway Design Manual, estimated traffic indices for various pavement-loading conditions, and on a design R-value of 5. The design R-value was chosen based on engineering judgement considering the variable and expansive soil conditions. Additionally, due to the presence of moderate to highly expansive soils, we have also included an option for chemical-treated (lime/cement) subgrade soils using an estimated design R-value of 50. If it is desired to chemical-treat, we recommend the upper 12 inches of subgrade soil be treated. Additional testing will need to be performed to determine the appropriate lime/cement percentage to be mixed with the subgrade soil.

Table 4: Asphalt Concrete Pavement Recommendations, Untreated Subgrade

Design Traffic Index (TI)	Asphalt Concrete (inches)	Class 2 Aggregate Base[1] (inches)	Total Pavement Section Thickness (inches)
4.5	2.5	9.5	12.0
5.0	3.0	10.0	13.0
5.5	3.0	12.0	15.0
6.0	3.5	13.0	16.5
6.5	4.0	13.5	17.5
7.0	4.0	15.5	19.5
7.5	4.5	16.5	21.0
8.0	5.0	17.5	22.5
8.5	5.0	19.5	24.5
9.0	5.5	20.5	26.0
9.5	6.0	21.5	27.5
10.0	6.5	23.0	29.5

1 – Caltrans Class 2 aggregate base; minimum R-value of 78; subgrade R-value of 5

Table 5: Asphalt Concrete Pavement Recommendations, Chemical-Treated Subgrade

Design Traffic Index (TI)	Asphalt Concrete (inches)	Class 2 Aggregate Base[1] (inches)	Total Pavement Section Thickness (inches)
4.0 / 4.5	2.5	4.0	6.5
5.0 / 5.5	3.0	4.0	7.0
6.0	3.5	4.0	7.5
6.5	4.0	4.0	8.0
7.0	4.0	4.5	8.5
7.5	4.5	5.0	9.5
8.0	5.0	5.0	10.0
8.5	5.0	6.0	11.0
9.0	5.5	6.5	12.0
9.5	6.0	7.0	13.0
10.0	6.5	7.0	13.5

1 – Caltrans Class 2 aggregate base; minimum R-value = 78; design subgrade R-value = 50, assuming 12-inch-thick subgrade chemical treatment

Frequently, the full asphalt concrete section is not constructed prior to construction traffic loading. This can result in significant loss of asphalt concrete layer life, rutting, or other pavement failures. To improve the pavement life and reduce the potential for pavement distress through construction, we recommend the full design asphalt concrete section be constructed prior to construction traffic loading. Alternatively, a higher traffic index may be chosen for the areas where construction traffic will use the pavements.

Asphalt concrete pavements constructed on expansive subgrade where the adjacent areas will not be irrigated for several months after the pavements are constructed may experience longitudinal cracking parallel to the pavement edge. These cracks typically form within a few feet of the pavement edge and are due to seasonal wetting and drying of the adjacent soil. The cracking may also occur during construction where the adjacent grade is allowed to significantly dry during the summer, pulling moisture out of the pavement subgrade. Any cracks that form should be sealed with bituminous sealant prior to the start of winter rains. One alternative to reduce the potential for this type of cracking is to install a moisture barrier at least 24 inches deep behind the pavement curb.

10.2 PORTLAND CEMENT CONCRETE

The exterior Portland Cement Concrete (PCC) pavement recommendations tabulated below are based on methods presented in “Concrete Pavement for Trucking Facilities” by the American Concrete Pavement Association (ACPA, 1995), and the Portland Cement Association (PCA) design manual (PCA, 1984). In our opinion, the truck loading areas where trucks turn, brake, or stop should be constructed of reinforced Portland Cement Concrete (PCC) pavement. We have provided a few pavement alternatives below as the anticipated number of trucks and number of load repetitions per day on a given location of the pavement has not been provided at this time.

An alternative should be chosen that is greater than what is expected for the development. At this time, we have assumed trucks will consist of tractor trailers. When more specific truck loading information is available, additional information can be provided.

Table 6: PCC Pavement Recommendations, Untreated Subgrade

Traffic Category	Minimum PCC Thickness[1] (inches)
Trucks per day per lane = 20	7.0
Trucks per day per lane = 80	7.5
Trucks per day per lane = 400	8.0

1 – Subgrade design R-Value = 5

The PCC thicknesses recommended above are based on a concrete flexural strength of at least 550 psi, minimum 28-day compressive strength of 4,000 psi, and supporting the PCC on at least 6 inches of Class 2 aggregate base compacted to a minimum relative compaction of 95 percent (ASTM D1557) as recommended in the "Earthwork" section of our report. The aggregate base should be constructed over compacted subgrade prepared in accordance with "Compaction" section of this report. The PCC should have a low water-cement ratio (industry standards), and in no case exceed a water-cement plus pozzolan ratio of 0.53.

Adequate expansion and control joints should be included. Joint spacing should not exceed about 24 times the pavement thickness, in approximately square panels for unreinforced concrete. Joint spacing can be increased somewhat for reinforced concrete where light reinforcing steel is provided to help hold together intermediate cracks that may form in panels. Construction and expansion joints, and dowels, should be designed in accordance with industry standards; joint sealing should be included due to the expansive soils at the site.

If the subgrade soils are to be chemically treated (lime/cement), we have provided some pavement alternatives below. For chemically treated subgrade, we recommend the upper 12 inches of subgrade soil be treated and the treated subgrade should obtain a minimum R-value of 50. Additional testing will need to be performed to determine the appropriate lime/cement percentage to be mixed with the subgrade soil to achieve an estimated R-value of 50. The remaining design and construction details should be consistent with the above recommendations for PCC pavements over untreated subgrade.

Table 7: PCC Pavement Recommendations, Chemical-Treated Subgrade

Traffic Category	Minimum PCC Thickness[1] (inches)
Trucks per day per lane = 20	6.5
Trucks per day per lane = 80	7.0
Trucks per day per lane = 400	7.5

1 – Subgrade design R-Value = 50, assuming 12-inch-thick subgrade chemical treatment

If chemical treatment of the subgrade is performed, the underlying Class 2 aggregate base section may be reduced from 6 inches to 4 inches, provided it is compacted to a minimum relative compaction of 95 percent (ASTM D1557) as recommended in the "Earthwork" section of our report.

10.3 STRESS PADS FOR TRASH ENCLOSURES

Pads where trash containers will be stored, and where garbage trucks will park while emptying trash containers, should be constructed on Portland Cement Concrete. We recommend that the trash enclosure pads and stress (landing) pads where garbage trucks will store, pick up, and empty trash be increased to a minimum PCC thickness of 8 inches for untreated subgrade and 7.5 inches for chemically treated subgrade. The compressive strength, underlayment, and construction details should be consistent with the above recommendations for PCC pavements.

10.4 PAVEMENT CUTOFF

Surface water penetration into the pavement section can significantly reduce the pavement life, due to the native expansive clays. While quantifying the life reduction is difficult, a normal 20-year pavement design could be reduced to less than 10 years; therefore, increased long-term maintenance may be required.

It would be beneficial to include a pavement cut-off, such as deepened curbs, redwood-headers, or "Deep-Root Moisture Barriers" that are keyed at least 4 inches into the pavement subgrade. This will help limit the additional long-term maintenance.

SECTION 11: RETAINING WALLS

11.1 STATIC LATERAL EARTH PRESSURES

The structural design of any site retaining wall should include resistance to lateral earth pressures that develop from the soil behind the wall, any undrained water pressure, and surcharge loads acting behind the wall. Provided a drainage system is constructed behind the wall to prevent the build-up of hydrostatic pressures as discussed in the section below, we recommend that the walls with level backfill be designed for the pressures in the table below. As mentioned, moderately to highly expansive soils are present at the site. Backfill within 3 feet

of the back side of retaining walls should consist of onsite or imported soils with a PI of 25 or less. Onsite soils with a PI greater than 25 should not be used as backfill within 3 feet of the back side of the wall.

Table 8: Recommended Lateral Earth Pressures

Wall Condition	Lateral Earth Pressure[1]	Additional Surcharge Loads
Unrestrained – Cantilever Wall	45 pcf	⅓ of vertical loads at top of wall
Restrained – Braced Wall	45 pcf + 8H psf [2]	½ of vertical loads at top of wall

1 – Lateral earth pressures are based on an equivalent fluid pressure for level backfill conditions
2 – H is the distance in feet between the bottom of footing and top of retained soil

If adequate drainage cannot be provided behind the wall, an additional equivalent fluid pressure of 40 pcf should be added to the values above for both restrained and unrestrained walls for the portion of the wall that will not have drainage. Damp proofing or waterproofing of the walls may be considered where moisture penetration and/or efflorescence are not desired.

11.2 SEISMIC LATERAL EARTH PRESSURES

The 2022 CBC states that lateral pressures from earthquakes should be considered in the design of basements and retaining walls. At this time, we are not aware of any retaining walls 6 feet or greater in height and have not provided seismic earth pressures for the project. If retaining walls greater than 6 feet in height are proposed, we should be retained to provide seismic earth pressures, if warranted. In our opinion, seismic earth pressures are not warranted for design of minor retaining walls (i.e. walls 6 feet or less in height).

11.3 WALL DRAINAGE

Adequate drainage should be provided by a subdrain system behind all walls. This system should consist of a 4-inch minimum diameter perforated pipe placed near the base of the wall (perforations placed downward). The pipe should be bedded and backfilled with Class 2 Permeable Material per Caltrans Standard Specifications, latest edition. The permeable backfill should extend at least 12 inches out from the wall and to within 2 feet of outside finished grade. Alternatively, ½-inch to ¾-inch crushed rock may be used in place of the Class 2 Permeable Material provided the crushed rock and pipe are enclosed in filter fabric, such as Mirafi 140N or approved equivalent. The upper 2 feet of wall backfill should consist of compacted on-site soil. The subdrain outlet should be connected to a free-draining outlet or sump.

Miradrain, Geotech Drainage Panels, or equivalent drainage matting can be used for wall drainage as an alternative to the Class 2 Permeable Material or drain rock backfill. Horizontal strip drains connecting to the vertical drainage matting may be used in lieu of the perforated pipe and crushed rock section. The vertical drainage panel should be connected to the perforated pipe or horizontal drainage strip at the base of the wall, or to some other closed or through-wall system such as the TotalDrain system from AmerDrain. Sections of horizontal drainage strips should be connected with either the manufacturer's connector pieces or by pulling back the filter fabric, overlapping the panel dimples, and replacing the filter fabric over

the connection. At corners, a corner guard, corner connection insert, or a section of crushed rock covered with filter fabric must be used to maintain the drainage path.

Drainage panels should terminate 18 to 24 inches from final exterior grade. The Miradrain panel filter fabric should be extended over the top of and behind the panel to protect it from intrusion of the adjacent soil.

11.4 BACKFILL

Where surface improvements will be located over the retaining wall backfill, backfill placed behind the walls with a PI less than 20 should be compacted to at least 95 percent relative compaction using light compaction equipment. If the soil's PI is 20 or greater, expansive soil criteria should be used as discussed in the "Compaction" section of this report. Where no surface improvements are planned, backfill should be compacted to at least 90 percent for soils with a PI less than 20. Expansive soil criteria should be followed for soils with a PI of 20 or greater. If heavy compaction equipment is used, the walls should be temporarily braced.

11.5 FOUNDATIONS

Retaining walls may be supported on a continuous and or spread footing designed in accordance with the recommendations presented in the "Foundations" section of this report.

SECTION 12: LIMITATIONS

This report, an instrument of professional service, has been prepared for the sole use of CC Industries, Inc. specifically to support the design of the Alvarado Street Warehouse project in San Leandro, California. The opinions, conclusions, and recommendations presented in this report have been formulated in accordance with accepted geotechnical engineering practices that exist in Northern California at the time this report was prepared. No warranty, expressed or implied, is made or should be inferred.

Recommendations in this report are based upon the soil and groundwater conditions encountered during our subsurface exploration. If variations or unsuitable conditions are encountered during construction, Cornerstone must be contacted to provide supplemental recommendations, as needed.

CC Industries, Inc. may have provided Cornerstone with plans, reports and other documents prepared by others. CC Industries, Inc. understands that Cornerstone reviewed and relied on the information presented in these documents and cannot be responsible for their accuracy.

Cornerstone prepared this report with the understanding that it is the responsibility of the owner or their representatives to see that the recommendations contained in this report are presented to other members of the design team and incorporated into the project plans and specifications, and that appropriate actions are taken to implement the geotechnical recommendations during construction.

Conclusions and recommendations presented in this report are valid as of the present time for the development as currently planned. Changes in the condition of the property or adjacent properties may occur with the passage of time, whether by natural processes or the acts of other persons. In addition, changes in applicable or appropriate standards may occur through legislation or the broadening of knowledge. Therefore, the conclusions and recommendations presented in this report may be invalidated, wholly or in part, by changes beyond Cornerstone's control. This report should be reviewed by Cornerstone after a period of three (3) years has elapsed from the date of this report. In addition, if the current project design is changed, then Cornerstone must review the proposed changes and provide supplemental recommendations, as needed.

An electronic transmission of this report may also have been issued. While Cornerstone has taken precautions to produce a complete and secure electronic transmission, please check the electronic transmission against the hard copy version for conformity.

Recommendations provided in this report are based on the assumption that Cornerstone will be retained to provide observation and testing services during construction to confirm that conditions are similar to that assumed for design, and to form an opinion as to whether the work has been performed in accordance with the project plans and specifications. If we are not retained for these services, Cornerstone cannot assume any responsibility for any potential claims that may arise during or after construction as a result of misuse or misinterpretation of Cornerstone's report by others. Furthermore, Cornerstone will cease to be the Geotechnical-Engineer-of-Record if we are not retained for these services.

SECTION 13: REFERENCES

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Vicinity Map

Alvarado Street Warehouse
San Leandro, CA

Project Number	1561-1-1
Figure Number	Figure 1
Date	March 2025
Drawn By	RRN

CPT-1
EB-1
CPT-2
EB-2
CPT-3
EB-3
CPT-4
EB-4
CPT-5
INDUSTRIAL BLDG
FOOTPRINT: ±241,400 SF
CLR.HGT: 36'
OFFICE
DETENTION
FIRE PUMP ROOM
UTILITY ROOM
Alvarado Street
Highway 880
Approximate Site Boundary
N

Legend

Approximate location of exploratory boring (EB)

Approximate location of cone penetration test (CPT)

0 100 200

APPROXIMATE SCALE (FEET)

Base by Google Earth, dated 07/08/2022
Overlay by Ware Malcomb, Proposed Site Plan - A101, dated 09/30/2024

Project Number	1561-1-1
Figure Number	Figure 2
Date	March 2025
Drawn By	RRN

Site Plan

Alvarado Street Warehouse
San Leandro, CA

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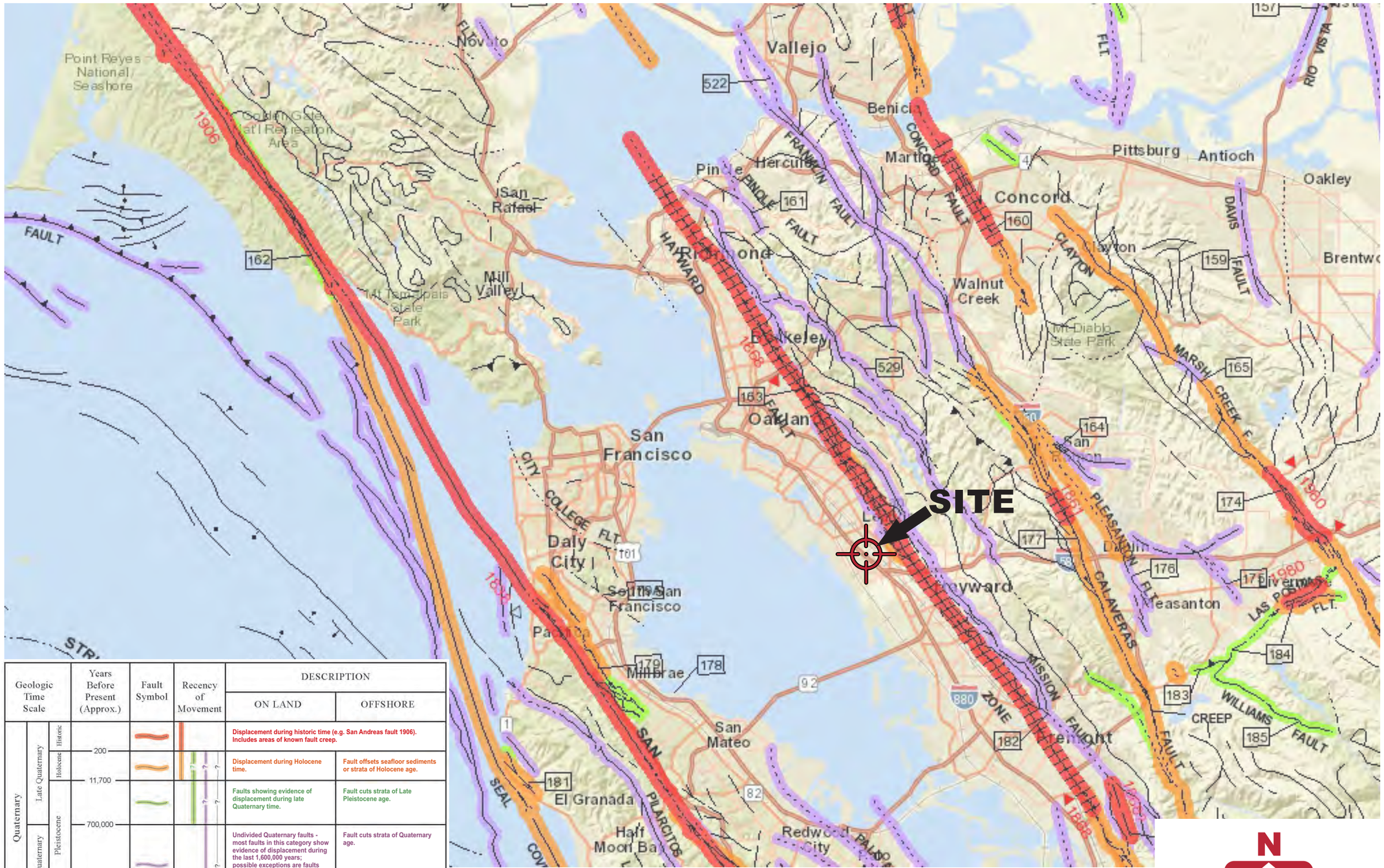

Geologic Time Scale			Years Before Present (Approx.)	Fault Symbol	Recency of Movement	DESCRIPTION: ON LAND	DESCRIPTION: OFFSHORE
Quaternary	Late Quaternary	Historic	200			Displacement during historic time (e.g. San Andreas fault 1906). Includes areas of known fault creep.	
		Holocene	11,700		? ?	Displacement during Holocene time.	Fault offsets seafloor sediments or strata of Holocene age.
	Early Quaternary	Pleistocene	700,000		? ?	Faults showing evidence of displacement during late Quaternary time.	Fault cuts strata of Late Pleistocene age.
			1,600,000		?	Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,000 years; possible exceptions are faults which displace rocks of undifferentiated Pilo-Pleistocene age.	Fault cuts strata of Quaternary age.
Pre-Quaternary			4.5 billion (Age of Earth)			Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Fault cuts strata of Pliocene or older age.

Base by California Geological Survey - 2010 Fault Activity Map of California (Jennings and Bryant, 2010)

Project Number: 1561-1-1

Figure Number: Figure 3

Drawn By: RRN

Date: March 2025

Regional Fault Map

Alvarado Street Warehouse
San Leandro, CA

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FIGURE 4A

CPT NO. 1

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PROJECT/CPT DATA

Project Title	Alvarado Street Warehouse
Project No.	1561-1-1
Project Manager	SCO

SEISMIC PARAMETERS

Controlling Fault	Hayward	
Earthquake Magnitude (Mw)	7.1	
PGA (Amax)	0.89	(g)

SITE SPECIFIC PARAMETERS

Ground Water Depth at Time of Drilling (feet)	14
Design Water Depth (feet)	5
Ave. Unit Weight Above GW (pcf)	120
Ave. Unit Weight Below GW (pcf)	120

CPT ANALYSIS RESULTS

DRY SAND SETTLEMENT FROM	5	FEET
	0.02	(Inches)
LIQUEFACTION SETTLEMENT FROM	50	FEET
	0.87	(Inches)
TOTAL SEISMIC SETTLEMENT	**0.9**	**INCHES**

POTENTIAL LATERAL DISPLACEMENT

LDI[2]	0.13	L/H	210.0
LDI[1] Corrected for Distance	0.01	(4 < L/H < 40)	

EXPECTED RANGE OF DISPLACEMENT

0.0 to 0.0 feet

[1]Not Valid for L/H Values < 4 and > 40.

[2]LDI Values Only Summed to 2H Below Grade.

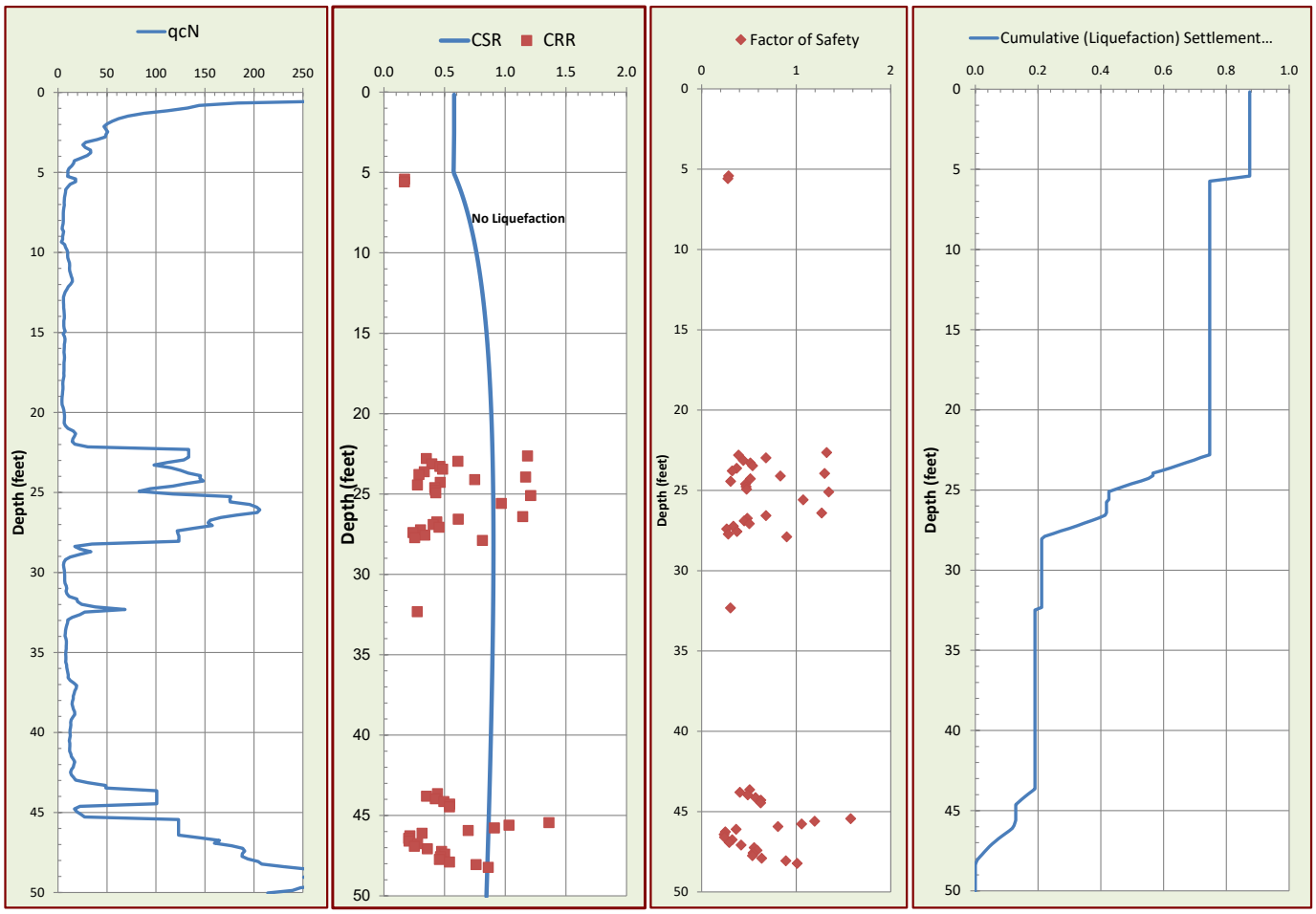

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FIGURE 4B

CPT NO. 2

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PROJECT/CPT DATA

Project Title	Alvarado Street Warehouse
Project No.	1561-1-1
Project Manager	SCO

SEISMIC PARAMETERS

Controlling Fault	Hayward	
Earthquake Magnitude (Mw)	7.1	
PGA (Amax)	0.89	(g)

SITE SPECIFIC PARAMETERS

Ground Water Depth at Time of Drilling (feet)	13
Design Water Depth (feet)	5
Ave. Unit Weight Above GW (pcf)	120
Ave. Unit Weight Below GW (pcf)	120

CPT ANALYSIS RESULTS

DRY SAND SETTLEMENT FROM	5	FEET
	0.01	(Inches)
LIQUEFACTION SETTLEMENT FROM	50	FEET
	1.15	(Inches)
TOTAL SEISMIC SETTLEMENT	**1.2**	**INCHES**

POTENTIAL LATERAL DISPLACEMENT

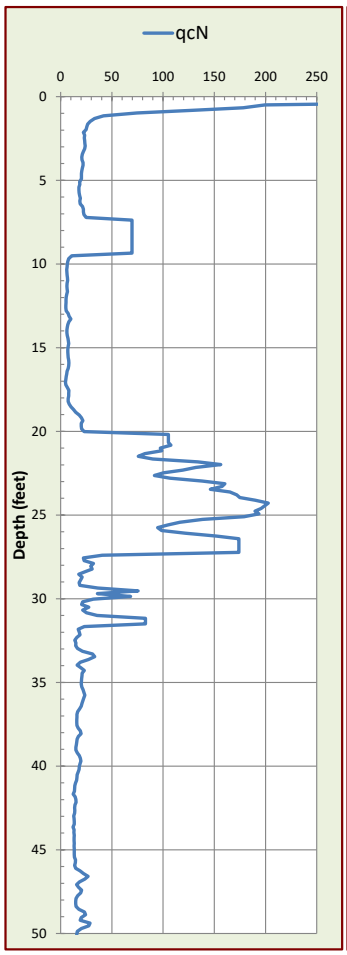
LDI[2]	0.16	L/H	275.0
LDI[1] Corrected for Distance	0.01	(4 < L/H < 40)	

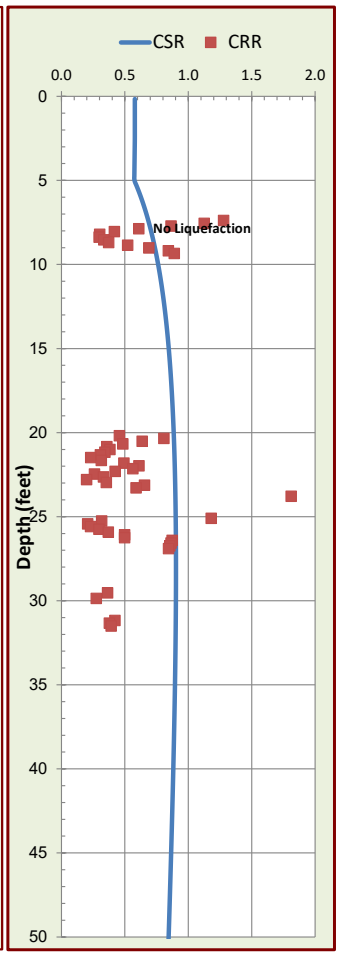
EXPECTED RANGE OF DISPLACEMENT

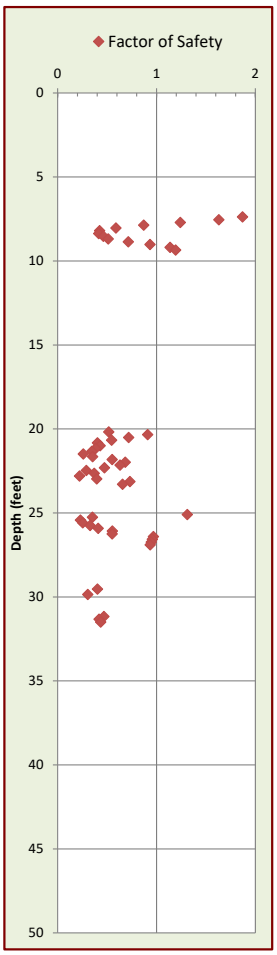
0.0 to 0.0 feet

[1]Not Valid for L/H Values < 4 and > 40.

[2]LDI Values Only Summed to 2H Below Grade.







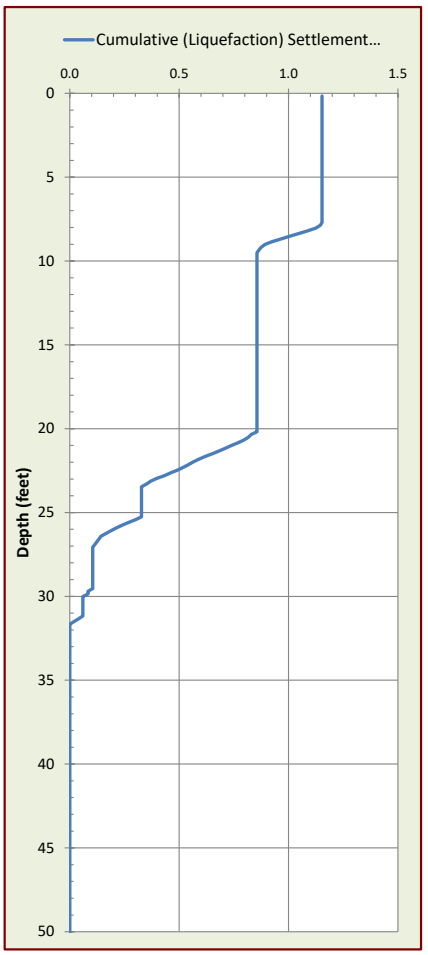


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FIGURE 4C

CPT NO. 3

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PROJECT/CPT DATA

Project Title	Alvarado Street Warehouse
Project No.	1561-1-1
Project Manager	SCO

SEISMIC PARAMETERS

Controlling Fault	Hayward	
Earthquake Magnitude (Mw)	7.1	
PGA (Amax)	0.89	(g)

SITE SPECIFIC PARAMETERS

Ground Water Depth at Time of Drilling (feet)	13.5
Design Water Depth (feet)	5
Ave. Unit Weight Above GW (pcf)	120
Ave. Unit Weight Below GW (pcf)	120

CPT ANALYSIS RESULTS

DRY SAND SETTLEMENT FROM	5	FEET
	0.14	(Inches)
LIQUEFACTION SETTLEMENT FROM	50	FEET
	1.13	(Inches)
TOTAL SEISMIC SETTLEMENT	**1.3**	**INCHES**

POTENTIAL LATERAL DISPLACEMENT

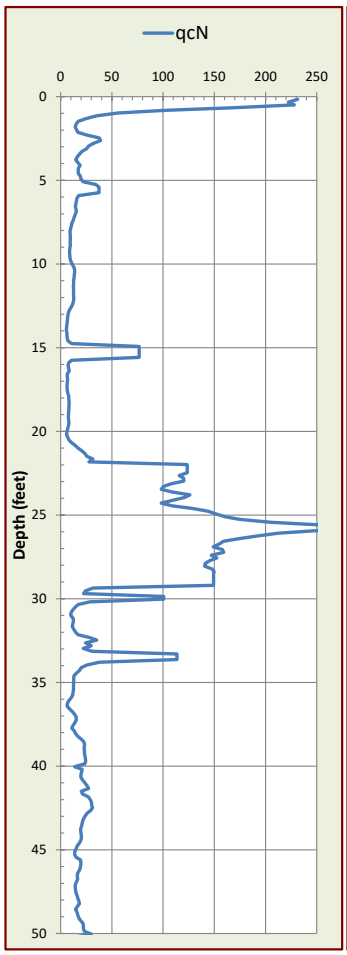
LDI[2]	0.17	L/H	130.0
LDI[1] Corrected for Distance	0.02	(4 < L/H < 40)	

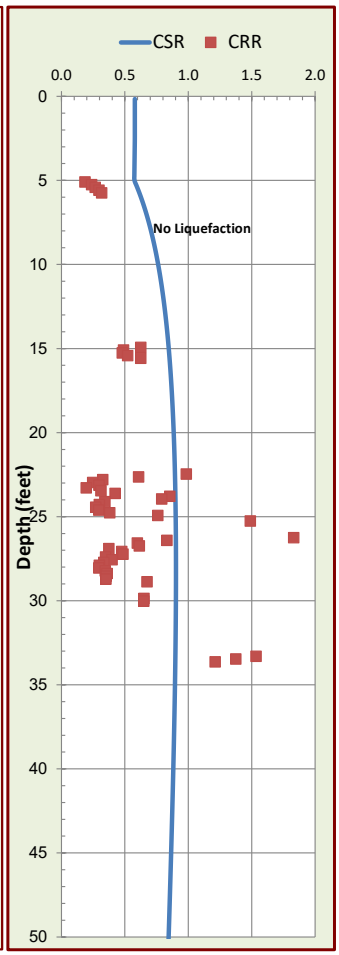
EXPECTED RANGE OF DISPLACEMENT

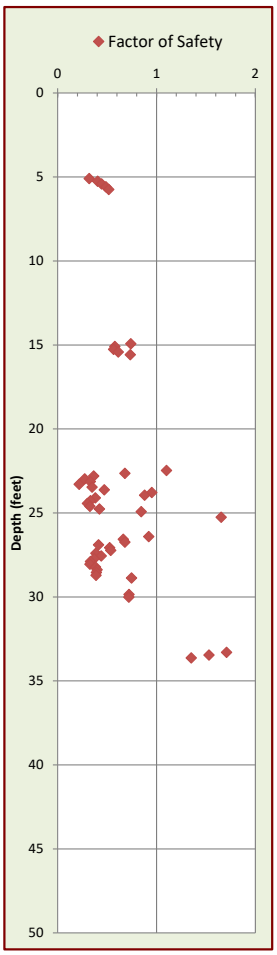
0.0 to 0.0 feet

[1]Not Valid for L/H Values < 4 and > 40.

[2]LDI Values Only Summed to 2H Below Grade.







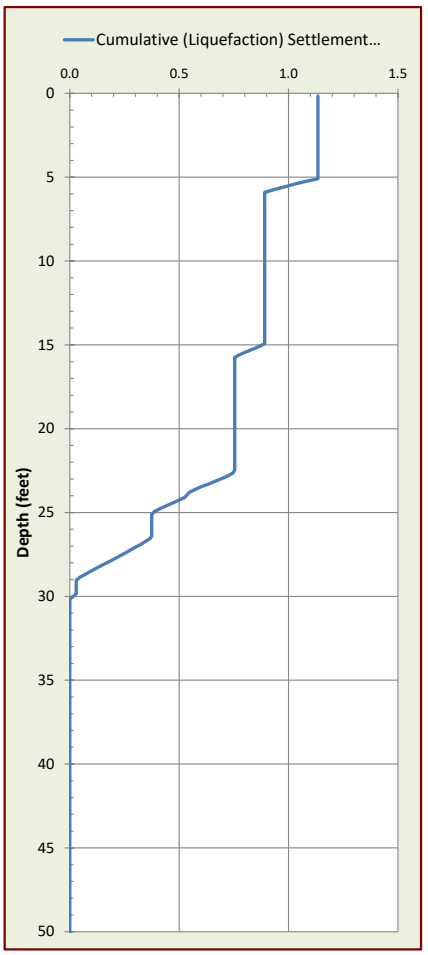


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FIGURE 4D

CPT NO. 4

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PROJECT/CPT DATA

Project Title	Alvarado Street Warehouse
Project No.	1561-1-1
Project Manager	SCO

SEISMIC PARAMETERS

Controlling Fault	Hayward	
Earthquake Magnitude (Mw)	7.1	
PGA (Amax)	0.89	(g)

SITE SPECIFIC PARAMETERS

Ground Water Depth at Time of Drilling (feet)	14
Design Water Depth (feet)	5
Ave. Unit Weight Above GW (pcf)	120
Ave. Unit Weight Below GW (pcf)	120

CPT ANALYSIS RESULTS

DRY SAND SETTLEMENT FROM	5	FEET
	0.01	(Inches)
LIQUEFACTION SETTLEMENT FROM	50	FEET
	0.64	(Inches)
TOTAL SEISMIC SETTLEMENT	**0.7**	**INCHES**

POTENTIAL LATERAL DISPLACEMENT

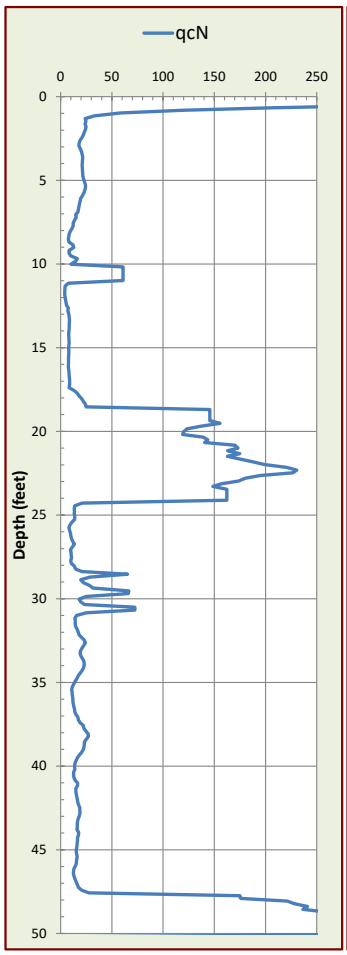
LDI[2]	0.00	L/H	234.0
LDI[1] Corrected for Distance	0.00	(4 < L/H < 40)	

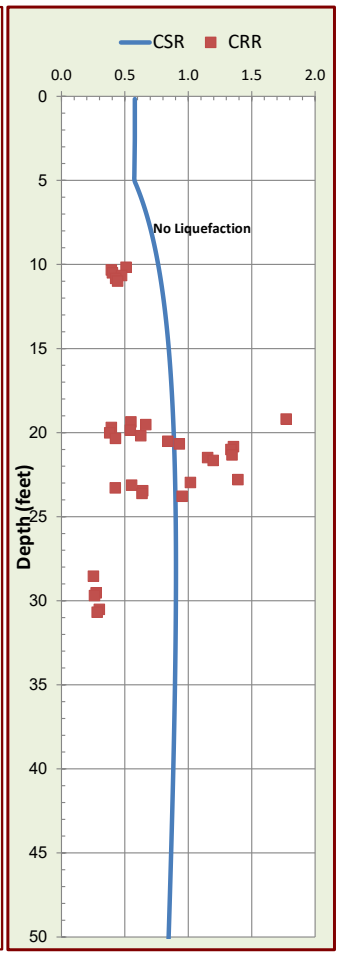
EXPECTED RANGE OF DISPLACEMENT

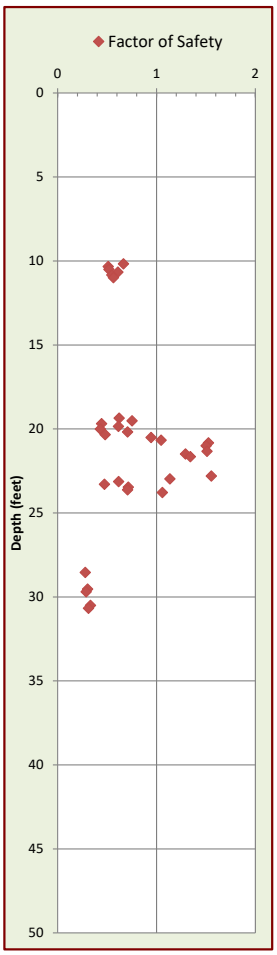
0.0 to 0.0 feet

[1]Not Valid for L/H Values < 4 and > 40.

[2]LDI Values Only Summed to 2H Below Grade.







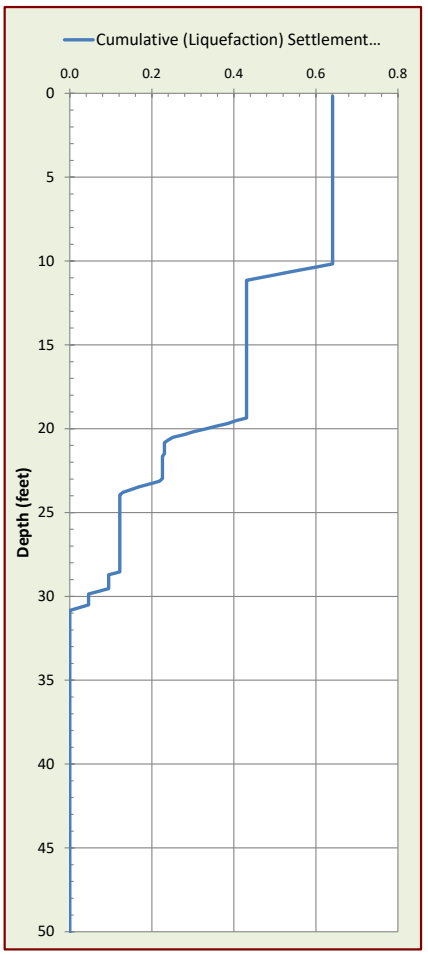


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FIGURE 4E

CPT NO. 5

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PROJECT/CPT DATA

Project Title	**Alvarado Street Warehouse**
Project No.	**1561-1-1**
Project Manager	**SCO**

SEISMIC PARAMETERS

Controlling Fault	**Hayward**	
Earthquake Magnitude (Mw)	**7.1**	
PGA (Amax)	**0.89**	(g)

SITE SPECIFIC PARAMETERS

Ground Water Depth at Time of Drilling (feet)	**13.5**
Design Water Depth (feet)	**5**
Ave. Unit Weight Above GW (pcf)	**120**
Ave. Unit Weight Below GW (pcf)	**120**

CPT ANALYSIS RESULTS

DRY SAND SETTLEMENT FROM	5	FEET
	0.00	(Inches)
LIQUEFACTION SETTLEMENT FROM	50	FEET
	0.31	(Inches)
TOTAL SEISMIC SETTLEMENT	**0.3**	**INCHES**

POTENTIAL LATERAL DISPLACEMENT

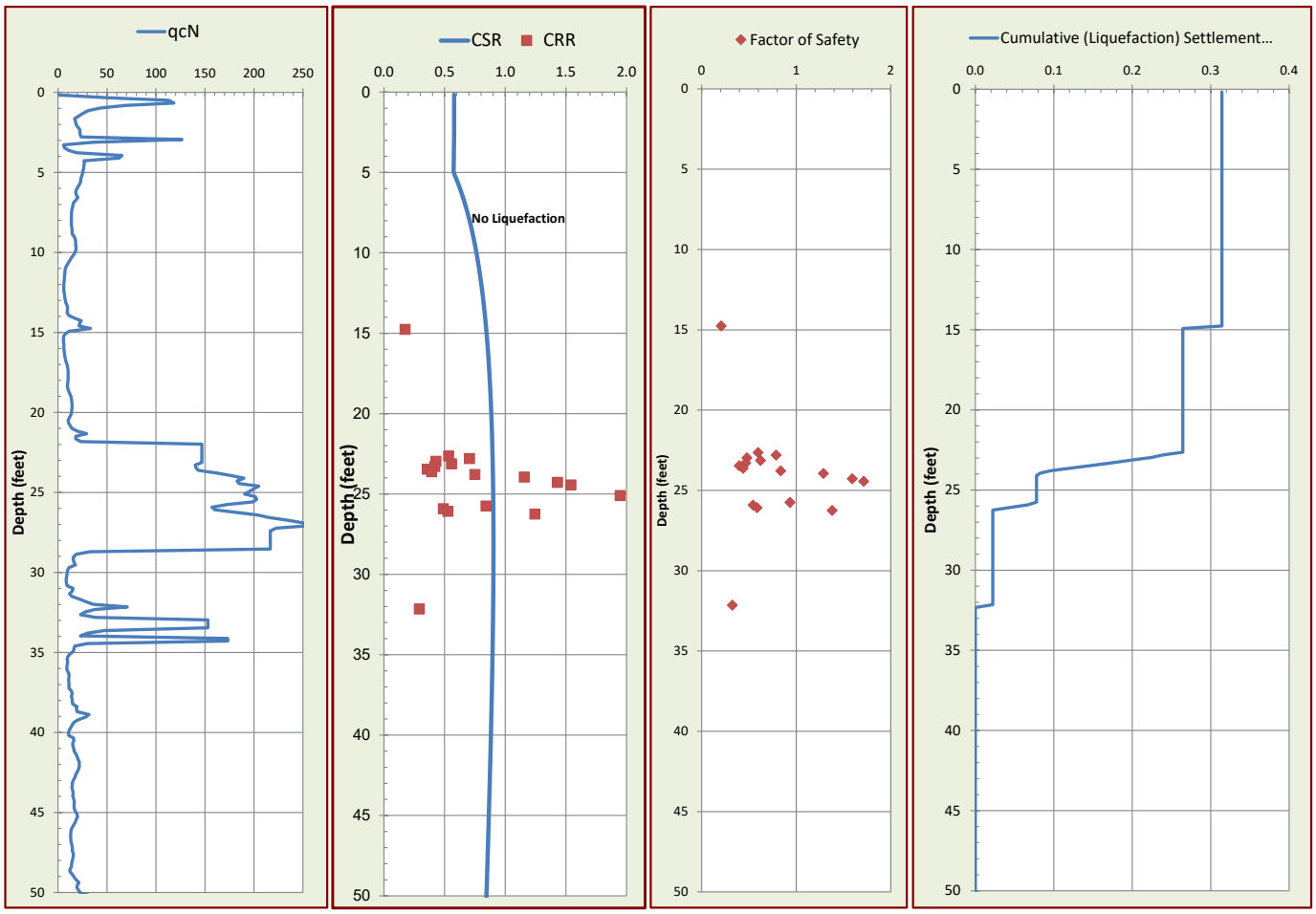
LDI[2]	0.00	L/H	180.0
LDI[1] Corrected for Distance	0.00	(4 < L/H < 40)	

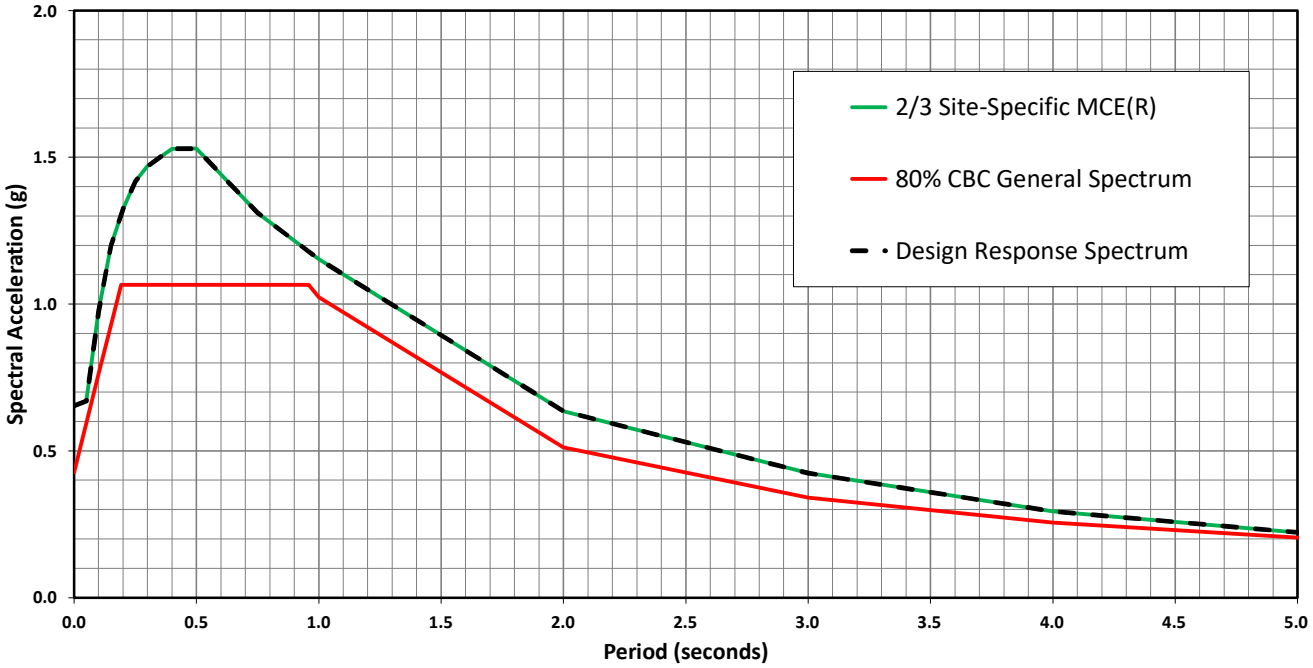
EXPECTED RANGE OF DISPLACEMENT

0.0 to **0.0** feet

[1]Not Valid for L/H Values < 4 and > 40.

[2]LDI Values Only Summed to 2H Below Grade.





The Site-Specific Design Response Spectrum per Section 21.2, 21.3 and 21.4 of ASCE 7-16 is defined as the greater of the following at all periods:

- 2/3 of the Site-Specific MCE_R, or
- 80% of the CBC General Spectrum.

Design Response Spectra	
Period (Seconds)	Spectral Acceleration (g)
0.00	0.653
0.05	0.670
0.10	0.974
0.15	1.198
0.19	1.304
0.20	1.324
0.25	1.418
0.30	1.469
0.40	1.529
0.50	1.529
0.75	1.311
0.96	1.179
1.00	1.153
2.00	0.635
3.00	0.424
4.00	0.294
5.00	0.222

Site Design	Design Values
Site Class (Per Chapter 20 ASCE 7-16)	D
Shear Wave Velocity, V_{S30} (m/sec)	234
Site Latitude (degrees)	37.703569
Site Longitude (degrees)	-122.153242
Risk Category	II
Building Period (sec)	Unknown
Importance Factor, I_e	1
[1]Site Specific PGA_M (g)	0.89

[1] Lower of Deterministic and Probabilistic, but not less than 80% of mapped value of FM x PGA, determined in accordance with Section 21.5 of ASCE 7-16.

Design Acceleration Parameters[1]	
S_{DS}	1.376
S_{D1}	1.273
S_{MS}	2.065
S_{M1}	1.910

References:

ASCE/SEI 7-16: Minimum Design Loads and Associated Criteria for Buildings and Other Strutures with Supplement No. 1.
2022 California Building Code, Title 24, Part 2, Volume 2

CORNERSTONE EARTH GROUP

DESIGN RESPONSE SPECTRA

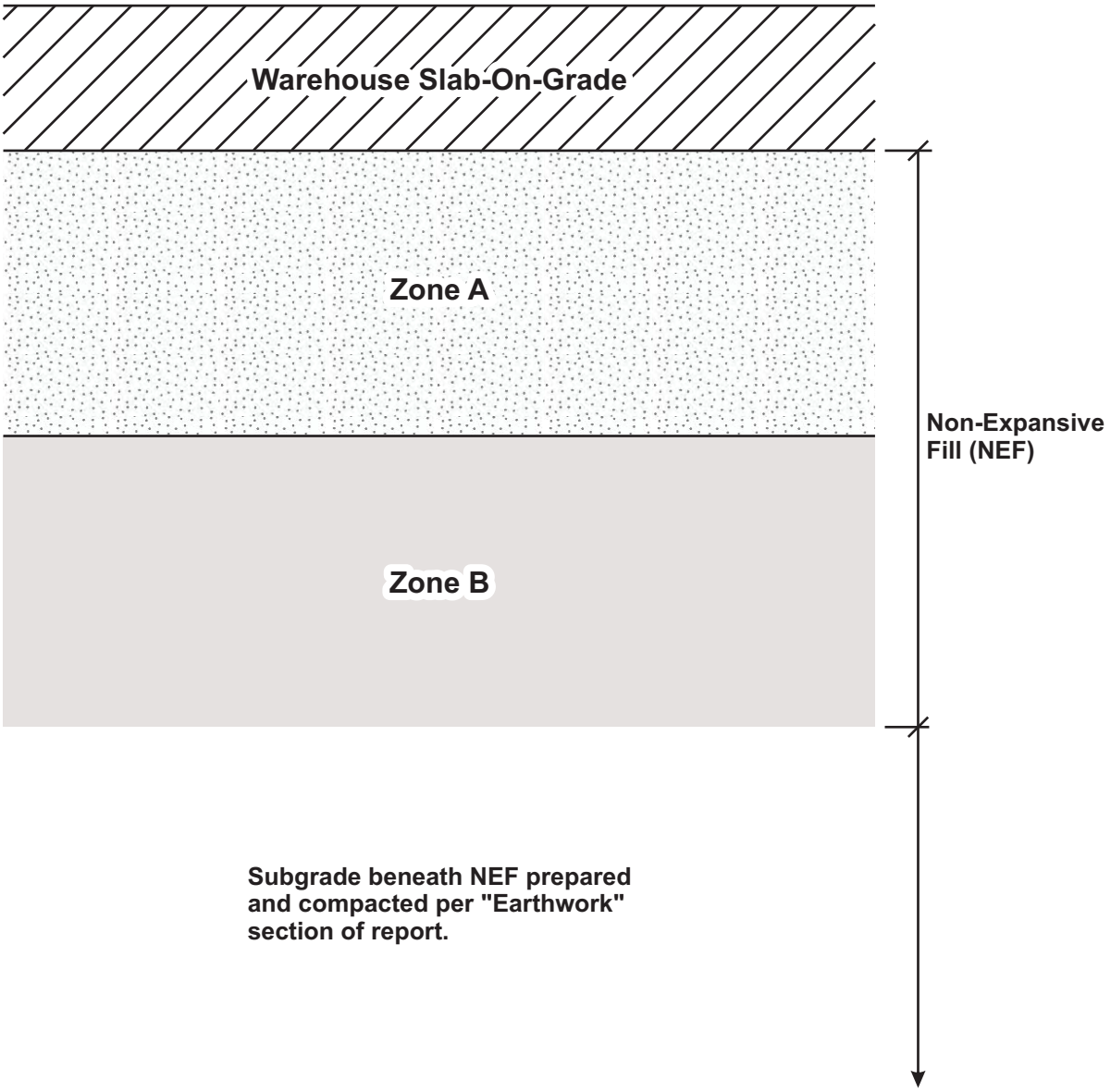
FIGURE 5

Alvarado Street Warehouse
3199 Alvarado Street
San Leandro, CA

PROJECT NO. 1561-1-1

March 2025 | SCO

NTS



Warehouse Slab-On-Grade NEF Detail

Legend

Zone A - 6 inches of NEF consisting of crushed granular base having an R-value of at least 50 and no more than 10 percent passing the No. 200 sieve, such as Class 2 aggregate base compacted to a minimum 95 percent relative compaction or open-graded 3/4-inch crushed rock consolidated in-place.

Zone B - 6 inches of non-expansive fill (NEF) with a Plasticity Index (PI) of 15, or less. Examples include Class 2 aggregate base, lime-treated onsite soils, or other imported soils with a PI of 15, or less. Compacted to minimum 95 percent unless material is undisturbed lime-treated soil then minimum 90 percent compaction.

CORNERSTONE EARTH GROUP	Warehouse Slab-On-Grade NEF Detail Alvarado Street Warehouse San Leandro, CA	Project Number: 1561-1-1 Figure Number: Figure 6 Date: March 2025 Drawn By: RRN

APPENDIX A: FIELD INVESTIGATION

The field investigation consisted of a surface reconnaissance and a subsurface exploration program using truck-mounted hollow-stem auger drilling equipment and 25-ton truck-mounted Cone Penetration Test equipment. Four 8-inch-diameter exploratory borings were drilled on January 21, 2025 to depths of 21½ to 45 feet. Five CPT soundings were also performed in accordance with ASTM D 5778-95 (revised, 2002) on February 4, 2025, to depths ranging from about 50 to 100 feet. The approximate locations of exploratory borings and CPTs are shown on the Site Plan, Figure 2. The soils encountered were continuously logged in the field by our representative and described in accordance with the Unified Soil Classification System (ASTM D2488). Boring logs, as well as a key to the classification of the soil, are included as part of this appendix.

Boring and CPT locations were approximated using existing site boundaries, a hand-held GPS unit, and other site features as references. Boring elevations were approximated based on the topographic plan provided. The locations and elevations of the borings and CPTs should be considered accurate only to the degree implied by the method used.

Representative soil samples were obtained from the borings at selected depths. All samples were returned to our laboratory for evaluation and appropriate testing. The standard penetration resistance blow counts were obtained by dropping a 140-pound hammer through a 30-inch free fall. The 2-inch O.D. split-spoon sampler was driven 18 inches and the number of blows was recorded for each 6 inches of penetration (ASTM D1586). 2.5-inch I.D. samples were obtained using a Modified California Sampler driven into the soil with the 140-pound hammer previously described. Relatively undisturbed samples were also obtained with 2.875-inch I.D. Shelby Tube sampler which were hydraulically pushed. Unless otherwise indicated, the blows per foot recorded on the boring log represent the accumulated number of blows required to drive the last 12 inches. The various samplers are denoted at the appropriate depth on the boring logs.

The CPT involved advancing an instrumented cone-tipped probe into the ground while simultaneously recording the resistance at the cone tip (q_c) and along the friction sleeve (f_s) at approximately 5-centimeter intervals. Based on the tip resistance and tip to sleeve ratio (R_f), the CPT classified the soil behavior type and estimated engineering properties of the soil, such as equivalent Standard Penetration Test (SPT) blow count, internal friction angle within sand layers, and undrained shear strength in silts and clays. A pressure transducer behind the tip of the CPT cone measured pore water pressure (u_2). Graphical logs of the CPT data is included as part of this appendix.

Field tests included an evaluation of the unconfined compressive strength of the soil samples using a pocket penetrometer device. The results of these tests are presented on the individual boring logs at the appropriate sample depths.

Attached boring and CPT logs and related information depict subsurface conditions at the locations indicated and on the date designated on the logs. Subsurface conditions at other locations may differ from conditions occurring at these boring and CPT locations. The passage of time may result in altered subsurface conditions due to environmental changes. In addition,

any stratification lines on the logs represent the approximate boundary between soil types and the transition may be gradual.

UNIFIED SOIL CLASSIFICATION (ASTM D-2487-10)

MATERIAL TYPES	CRITERIA FOR ASSIGNING SOIL GROUP NAMES			GROUP SYMBOL	SOIL GROUP NAMES & LEGEND
COARSE-GRAINED SOILS >50% RETAINED ON NO. 200 SIEVE	GRAVELS >50% OF COARSE FRACTION RETAINED ON NO 4. SIEVE	CLEAN GRAVELS <5% FINES	Cu>4 AND 1<Cc<3	GW	WELL-GRADED GRAVEL
			Cu>4 AND 1>Cc>3	GP	POORLY-GRADED GRAVEL
		GRAVELS WITH FINES >12% FINES	FINES CLASSIFY AS ML OR CL	GM	SILTY GRAVEL
			FINES CLASSIFY AS CL OR CH	GC	CLAYEY GRAVEL
	SANDS >50% OF COARSE FRACTION PASSES ON NO 4. SIEVE	CLEAN SANDS <5% FINES	Cu>6 AND 1<Cc<3	SW	WELL-GRADED SAND
			Cu>6 AND 1>Cc>3	SP	POORLY-GRADED SAND
		SANDS AND FINES >12% FINES	FINES CLASSIFY AS ML OR CL	SM	SILTY SAND
			FINES CLASSIFY AS CL OR CH	SC	CLAYEY SAND
FINE-GRAINED SOILS >50% PASSES NO. 200 SIEVE	SILTS AND CLAYS LIQUID LIMIT<50	INORGANIC	PI>7 AND PLOTS>"A" LINE	CL	LEAN CLAY
			PI>4 AND PLOTS<"A" LINE	ML	SILT
		ORGANIC	LL (oven dried)/LL (not dried)<0.75	OL	ORGANIC CLAY OR SILT
	SILTS AND CLAYS LIQUID LIMIT>50	INORGANIC	PI PLOTS >"A" LINE	CH	FAT CLAY
			PI PLOTS <"A" LINE	MH	ELASTIC SILT
		ORGANIC	LL (oven dried)/LL (not dried)<0.75	OH	ORGANIC CLAY OR SILT
HIGHLY ORGANIC SOILS		PRIMARILY ORGANIC MATTER, DARK IN COLOR, AND ORGANIC ODOR		PT	PEAT

OTHER MATERIAL SYMBOLS

- Poorly-Graded Sand with Clay
- Clayey Sand
- Sandy Silt
- Artificial/Undocumented Fill
- Poorly-Graded Gravelly Sand
- Topsoil
- Well-Graded Gravel with Clay
- Well-Graded Gravel with Silt
- Sand
- Silt
- Well Graded Gravelly Sand
- Gravelly Silt
- Asphalt
- Boulders and Cobble

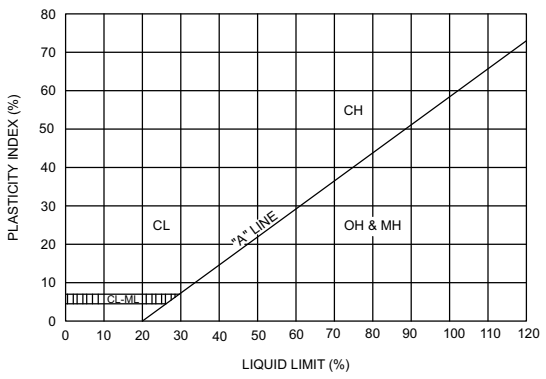
SAMPLER TYPES

- SPT
- Modified California (2.5" I.D.)
- Rock Core
- Shelby Tube
- No Recovery
- Grab Sample

ADDITIONAL TESTS

CA	-	CHEMICAL ANALYSIS (CORROSIVITY)	PI	-	PLASTICITY INDEX
CD	-	CONSOLIDATED DRAINED TRIAXIAL	SW	-	SWELL TEST
CN	-	CONSOLIDATION	TC	-	CYCLIC TRIAXIAL
CU	-	CONSOLIDATED UNDRAINED TRIAXIAL	TV	-	TORVANE SHEAR
DS	-	DIRECT SHEAR	UC	-	UNCONFINED COMPRESSION
PP	-	POCKET PENETROMETER (TSF)	(1.5)	-	(WITH SHEAR STRENGTH IN KSF)
(3.0)	-	(WITH SHEAR STRENGTH IN KSF)			
RV	-	R-VALUE	UU	-	UNCONSOLIDATED UNDRAINED TRIAXIAL
SA	-	SIEVE ANALYSIS: % PASSING #200 SIEVE			
▼	-	WATER LEVEL			

PLASTICITY CHART



PENETRATION RESISTANCE
(RECORDED AS BLOWS / FOOT)

SAND & GRAVEL		SILT & CLAY		
RELATIVE DENSITY	BLOWS/FOOT*	CONSISTENCY	BLOWS/FOOT*	STRENGTH** (KSF)
VERY LOOSE	0 - 4	VERY SOFT	0 - 2	0 - 0.25
LOOSE	4 - 10	SOFT	2 - 4	0.25 - 0.5
MEDIUM DENSE	10 - 30	MEDIUM STIFF	4 - 8	0.5-1.0
DENSE	30 - 50	STIFF	8 - 15	1.0 - 2.0
VERY DENSE	OVER 50	VERY STIFF	15 - 30	2.0 - 4.0
		HARD	OVER 30	OVER 4.0

* NUMBER OF BLOWS OF 140 LB HAMMER FALLING 30 INCHES TO DRIVE A 2 INCH O.D. (1-3/8 INCH I.D.) SPLIT-BARREL SAMPLER THE LAST 12 INCHES OF AN 18-INCH DRIVE (ASTM-1586 STANDARD PENETRATION TEST).

** UNDRAINED SHEAR STRENGTH IN KIPS/SQ. FT. AS DETERMINED BY LABORATORY TESTING OR APPROXIMATED BY THE STANDARD PENETRATION TEST, POCKET PENETROMETER, TORVANE, OR VISUAL OBSERVATION.

CORNERSTONE EARTH GROUP

LEGEND TO SOIL DESCRIPTIONS

Figure Number A-1

BORING NUMBER EB-1

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse
PROJECT NUMBER 1561-1-1
PROJECT LOCATION San Leandro, CA

DATE STARTED 1/21/25 **DATE COMPLETED** 1/21/25
GROUND ELEVATION 31 FT +/- **BORING DEPTH** 45 ft.
DRILLING CONTRACTOR Exploration Geoservices, Inc. **LATITUDE** 37.703595° **LONGITUDE** -122.154861°
DRILLING METHOD Mobile B-53, 8 inch Hollow-Stem Auger **GROUND WATER LEVELS:**
LOGGED BY PT ▽ **AT TIME OF DRILLING** 14 ft.
NOTES ▼ **AT END OF DRILLING** 14 ft.

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ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
31.0	0	4 inches asphalt concrete over 6 inches aggregate base						
30.7								
30.2		**Clayey Sand with Gravel (SC) [Fill]** medium dense, moist, dark brown and brown mottled, fine to coarse sand, fine to coarse subangular to subrounded gravel	20	MC-1B	113	9		
27.5		**Lean Clay with Sand (CL)** very stiff, moist, brown with gray mottles, fine sand, moderate plasticity	14	MC-2B	95	26		
	5		18	MC-3B	89	24		
24.8								
24.5		**Silty Sand (SM)** medium dense, moist, gray and brown, fine to coarse sand						
		Lean Clay with Sand (CL) medium stiff, moist, brown with gray mottles, fine sand, moderate plasticity	9	MC-4B	92	29		
	10							
19.0		**Sandy Lean Clay (CL)** medium stiff, moist, gray with brown mottles, fine sand, low plasticity	8	MC-5B	101	23		
	15			ST				
			8	MC-7B	101	24		
	20							
9.0		**Silty Sand with Gravel (SM)** medium dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	37	MC-8B	115	16		
	25							
5.0								

UNDRAINED SHEAR STRENGTH, ksf
○ HAND PENETROMETER
△ TORVANE
● UNCONFINED COMPRESSION
▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL
1.0 2.0 3.0 4.0

Continued Next Page

CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

BORING NUMBER EB-1

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse

PROJECT NUMBER 1561-1-1

PROJECT LOCATION San Leandro, CA

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ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
5.0		**Silty Sand with Gravel (SM)** medium dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel						
		becomes dense	58	MC-9B	99	23		
1.3	30	**Lean Clay (CL)** stiff, moist, gray with brown mottles, some fine sand, moderate plasticity						
			16	MC-10B	100	29		
	35							
		becomes very stiff	24	MC				
	40							
-11.0		**Well Graded Sand with Silt and Gravel (SW-SM)** dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel						
			46	MC-12B	104	18		
-14.0	45	Bottom of Boring at 45.0 feet.						
	50							
	55							

UNDRAINED SHEAR STRENGTH, ksf

- ○ HAND PENETROMETER
- △ TORVANE
- ● UNCONFINED COMPRESSION
- ▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL

1.0 2.0 3.0 4.0

CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

BORING NUMBER EB-2

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse
PROJECT NUMBER 1561-1-1
PROJECT LOCATION San Leandro, CA

DATE STARTED 1/21/25 **DATE COMPLETED** 1/21/25
GROUND ELEVATION 30.5 FT +/- **BORING DEPTH** 24.4 ft.
DRILLING CONTRACTOR Exploration Geoservices, Inc. **LATITUDE** 37.704550° **LONGITUDE** -122.152161°
DRILLING METHOD Mobile B-53, 8 inch Hollow-Stem Auger **GROUND WATER LEVELS:**
LOGGED BY PT ▽ **AT TIME OF DRILLING** 13 ft.
NOTES ▼ **AT END OF DRILLING** 13 ft.

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ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
30.5	0	2 inches asphalt concrete over 4 inches aggregate base						
30.0		**Lean Clay (CL)** very stiff, moist, dark brown to brown, fine sand, moderate plasticity	32	MC-1B	102	22	27	
27.5		Liquid Limit = 48, Plastic Limit = 21 **Lean Clay with Sand (CL)** very stiff, moist, brown with gray mottles, fine sand, moderate plasticity	26	MC-2B	103	18		
	5		24	MC-3B	110	18		
23.0		**Silty Sand (SM)** medium dense, moist, gray and brown, fine sand						
21.3		**Clayey Sand (SC)** medium dense, moist, gray and brown, fine sand	9	MC-4B	98	23		48
	10							
18.5		**Lean Clay with Sand (CL)** medium stiff, moist, brown with gray mottles, fine sand, moderate plasticity						
			8	MC-5B	86	36		
	15							
12.5		**Sandy Lean Clay (CL)** very stiff, moist, brown with gray mottles, fine sand, low plasticity	34	MC				
	20							
8.5		**Well Graded Sand with Silt and Gravel (SW-SM)** very dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	50 5"	MC-7	102	23		
6.1		Bottom of Boring at 24.4 feet.						
	25							

UNDRAINED SHEAR STRENGTH, ksf
○ HAND PENETROMETER
△ TORVANE
● UNCONFINED COMPRESSION
▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL
1.0 2.0 3.0 4.0

CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

BORING NUMBER EB-3

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse
PROJECT NUMBER 1561-1-1
PROJECT LOCATION San Leandro, CA

DATE STARTED 1/21/25 **DATE COMPLETED** 1/21/25
GROUND ELEVATION 31 FT +/- **BORING DEPTH** 21.5 ft.
DRILLING CONTRACTOR Exploration Geoservices, Inc. **LATITUDE** 37.702613° **LONGITUDE** -122.154225°
DRILLING METHOD Mobile B-53, 8 inch Hollow-Stem Auger **GROUND WATER LEVELS:**
LOGGED BY PT ▽ **AT TIME OF DRILLING** 13.5 ft.
NOTES ▼ **AT END OF DRILLING** 13.5 ft.

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ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
31.0	0	2 inches asphalt concrete over 6 inches aggregate base						
30.3		**Sandy Lean Clay (CL) [Fill]** very stiff, moist, dark brown, fine to coarse sand, some fine subangular to subrounded gravel, low plasticity Liquid Limit = 34, Plastic Limit = 18	18	MC-1B	105	15	16	
28.5		**Silty Sand with Gravel (SM) [Fill]** loose, moist, brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	13	MC-2B	106	7		
26.5	5	**Well Graded Sand with Silt and Gravel (SW-SM) [Fill]** loose, moist, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	15	MC-3B	102	5		7
24.5			15	SPT				
		Lean Clay with Sand (CL) stiff, moist, brown with gray mottles, fine sand, moderate plasticity	11	MC-5B	91	29		
	10							
18.0		**Sandy Lean Clay (CL)** medium stiff, moist, brown with gray mottles, fine sand, low plasticity	4	MC-6B	107	23		
	15		12	SPT				
15.0		**Well Graded Sand with Silt and Gravel (SW-SM)** medium dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel						
13.0		**Lean Clay with Sand (CL)** medium stiff to stiff, moist, brown with gray mottles, fine sand, moderate plasticity	12	MC-8B	96	27		
	20		17	SPT				
9.5		Bottom of Boring at 21.5 feet.						
	25							

UNDRAINED SHEAR STRENGTH, ksf
○ HAND PENETROMETER
△ TORVANE
● UNCONFINED COMPRESSION
▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL
1.0 2.0 3.0 4.0

CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

BORING NUMBER EB-4

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse
PROJECT NUMBER 1561-1-1
PROJECT LOCATION San Leandro, CA

DATE STARTED 1/21/25 **DATE COMPLETED** 1/21/25
GROUND ELEVATION 29 FT +/- **BORING DEPTH** 35 ft.
DRILLING CONTRACTOR Exploration Geoservices, Inc. **LATITUDE** 37.703918° **LONGITUDE** -122.151815°
DRILLING METHOD Mobile B-53, 8 inch Hollow-Stem Auger **GROUND WATER LEVELS:**
LOGGED BY PT ▽ **AT TIME OF DRILLING** 14 ft.
NOTES ▼ **AT END OF DRILLING** 14 ft.

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ELEVATION (ft)	DEPTH (ft)	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
29.0	0							
28.8		3 inches asphalt concrete over 4 inches aggregate base						
28.4		**Lean Clay (CL)** very stiff, moist, dark brown to brown, fine sand, moderate plasticity	26	MC-1B	102	20		
			26	MC-2B	104	21		
24.5	5	**Lean Clay with Sand (CL)** hard, moist, brown with gray mottles, fine sand, moderate plasticity	30	MC-3B	107	20		
21.0		**Sandy Lean Clay (CL)** medium stiff, moist, brown, fine sand, low plasticity	15	MC-4B	103	20		
19.8	10	**Clayey Sand (SC)** medium dense, moist, gray, fine to medium sand		ST-5	88	33		
18.5		**Lean Clay with Sand (CL)** medium stiff, moist, brown with gray mottles, fine sand, moderate plasticity	10	MC-6B	88	33		
	15			ST				
12.0		**Sandy Lean Clay (CL)** stiff, moist, brown, fine to coarse sand, low plasticity						
10.0		**Clayey Sand with Gravel (SC)** medium dense, moist, brown, fine to medium sand, fine to coarse subangular to subrounded gravel	64	MC-8B	120	16		
7.5	20	**Well Graded Sand with Silt and Gravel (SW-SM)** very dense, wet, gray and brown, fine to coarse sand, fine to coarse subangular to subrounded gravel	50/6"	MC				
3.0	25							

UNDRAINED SHEAR STRENGTH, ksf
○ HAND PENETROMETER
△ TORVANE
● UNCONFINED COMPRESSION
▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL
1.0 2.0 3.0 4.0

Continued Next Page

CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

BORING NUMBER EB-4

CORNERSTONE EARTH GROUP

PROJECT NAME Alvarado Street Warehouse

PROJECT NUMBER 1561-1-1

PROJECT LOCATION San Leandro, CA

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ELEVATION (ft)	DEPTH (ft)	SYMBOL	DESCRIPTION	N-Value (uncorrected) blows per foot	SAMPLES TYPE AND NUMBER	DRY UNIT WEIGHT PCF	NATURAL MOISTURE CONTENT	PLASTICITY INDEX, %	PERCENT PASSING No. 200 SIEVE
3.0									
1.5			**Clayey Sand (SC)** medium dense, moist, brown, fine to medium sand	41	MC				
	30								
-3.0			**Lean Clay with Sand (CL)** very stiff, moist, gray, fine sand, moderate plasticity	22	MC-11B	103	23		
-6.0	35		Bottom of Boring at 35.0 feet.						
	40								
	45								
	50								
	55								

UNDRAINED SHEAR STRENGTH, ksf

- ○ HAND PENETROMETER
- △ TORVANE
- ● UNCONFINED COMPRESSION
- ▲ UNCONSOLIDATED-UNDRAINED TRIAXIAL

1.0 2.0 3.0 4.0

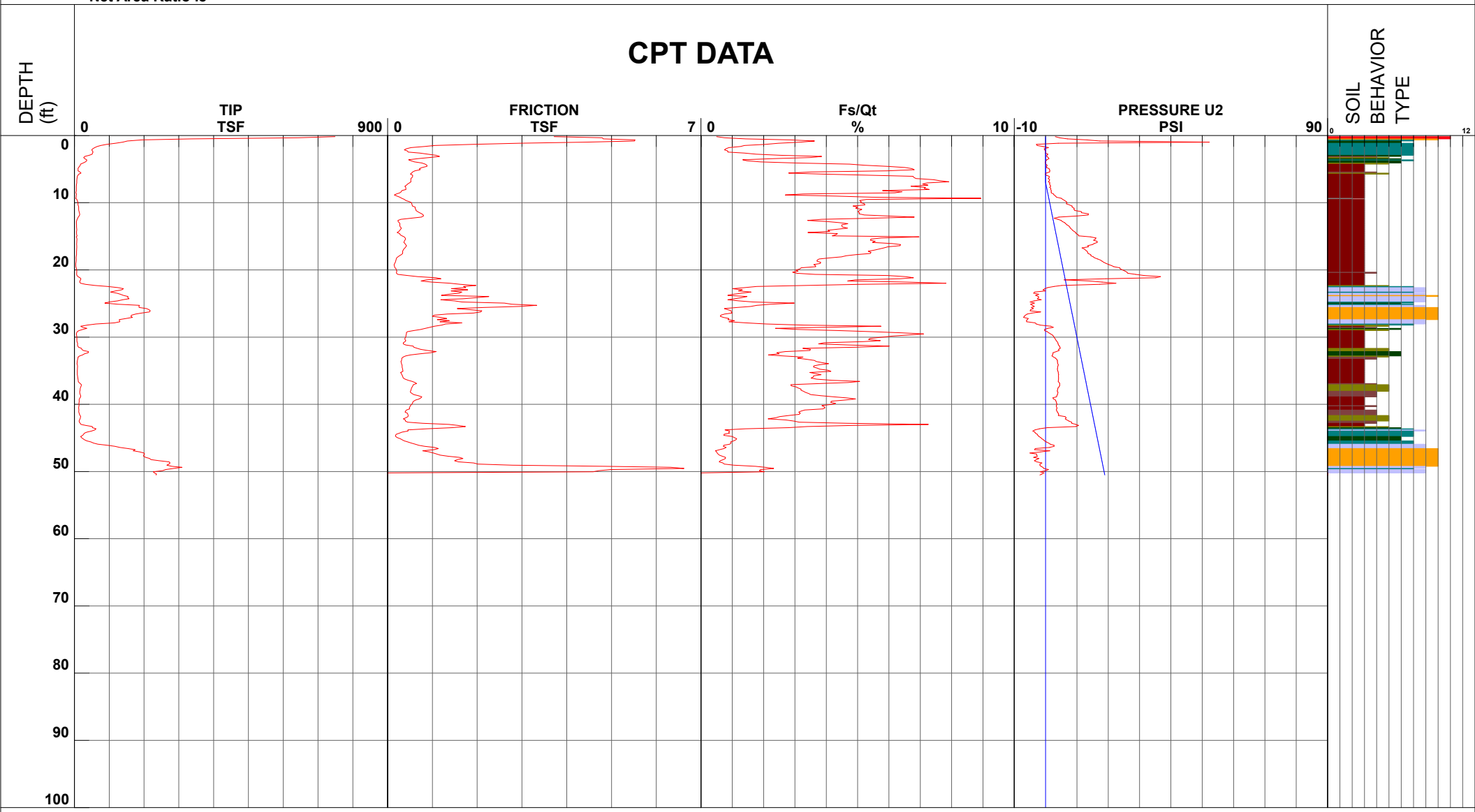
CORNERSTONE EARTH GROUP2 - CORNERSTONE 0812.GDT - 2/28/25 14:11 - P:\DRAFTING\GINT FILES\1561-1-1 ALVARADO ST.GPJ

Cornerstone Earth Group

Project	3199 Alvarado	Operator	AJ-BH-SS	Filename	SDF(267).cpt
Job Number	1561-1-1	Cone Number	DDG1589	GPS	
Hole Number	CPT-01	Date and Time	2/4/2025 12:52:30 PM	Maximum Depth	50.52 ft
EST GW Depth During Test		7.00 ft			

Net Area Ratio .8

CPT DATA



1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 15cm²

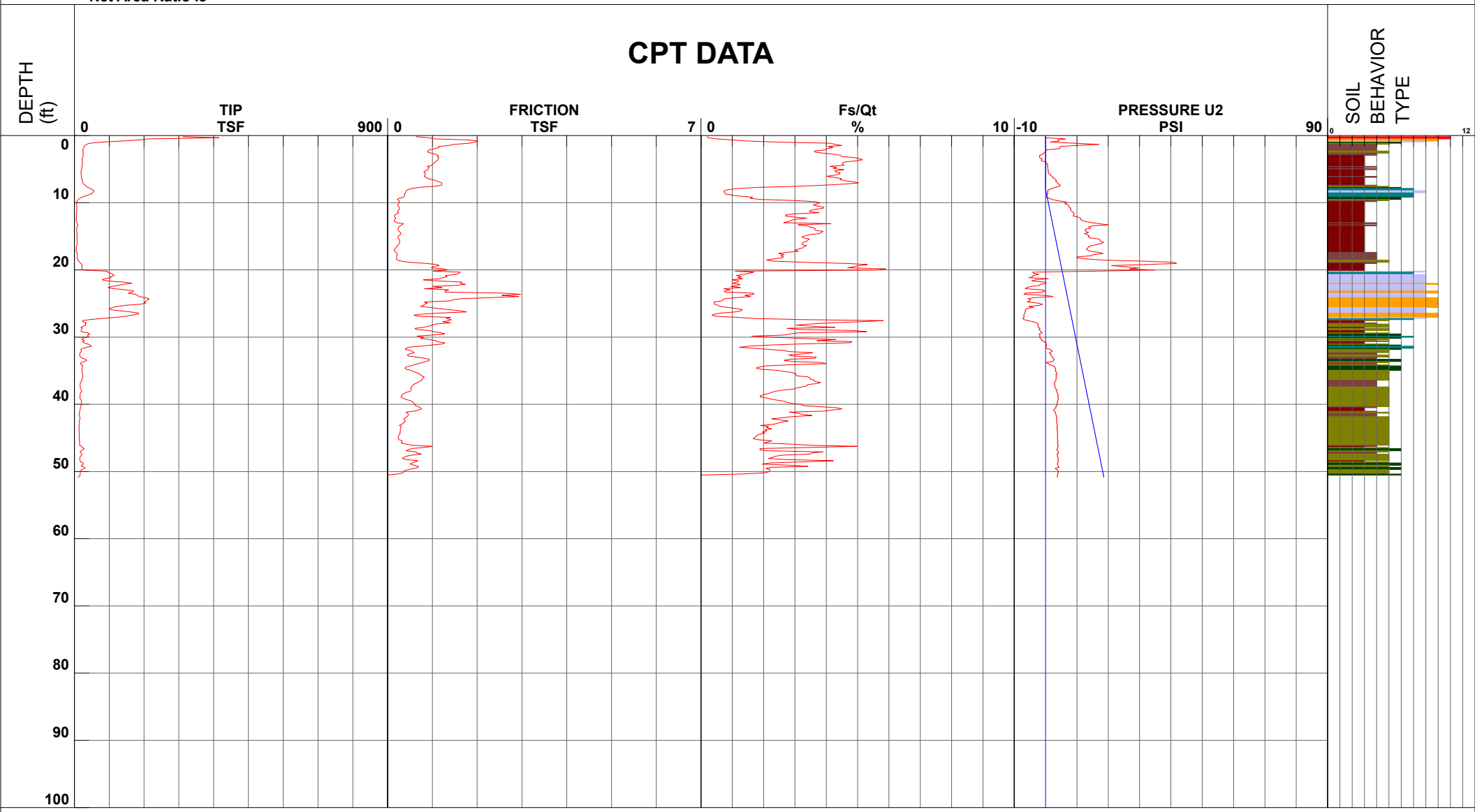
S*Soil behavior type and SPT based on data from UBC-1983

Cornerstone Earth Group

Project	3199 Alvarado	Operator	AJ-BH-SS	Filename	SDF(269).cpt
Job Number	1561-1-1	Cone Number	DDG1589	GPS	
Hole Number	CPT-02	Date and Time	2/4/2025 2:53:06 PM	Maximum Depth	50.85 ft
EST GW Depth During Test		8.00 ft			

Net Area Ratio .8

CPT DATA



1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 15cm²

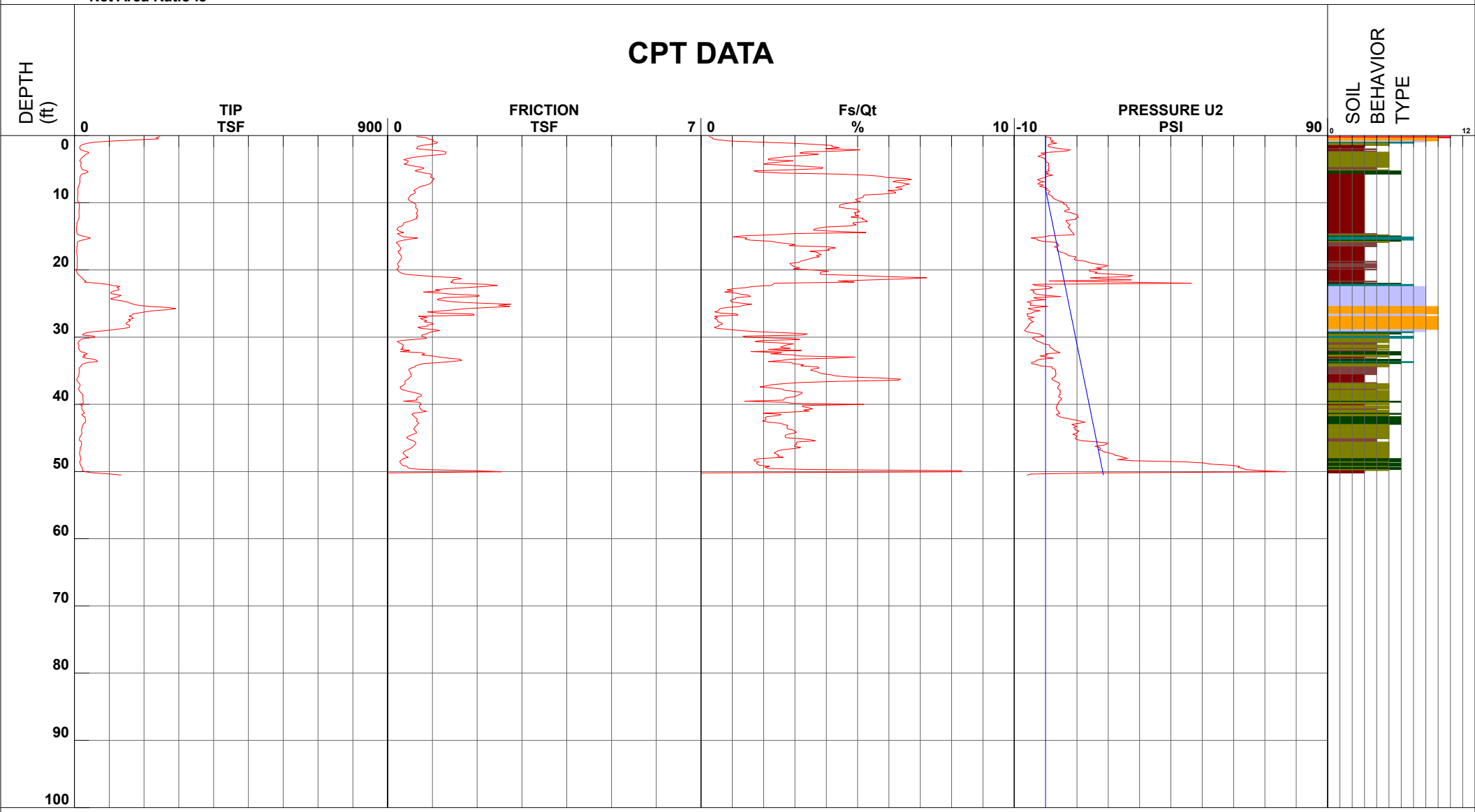
S*Soil behavior type and SPT based on data from UBC-1983

Cornerstone Earth Group

Project	3199 Alvarado	Operator	AJ-BH-SS	Filename	SDF(266).cpt
Job Number	1561-1-1	Cone Number	DDG1589	GPS	
Hole Number	CPT-03	Date and Time	2/4/2025 10:37:27 AM	Maximum Depth	50.52 ft
EST GW Depth During Test		8.00 ft			

Net Area Ratio .8

CPT DATA



1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 15cm²

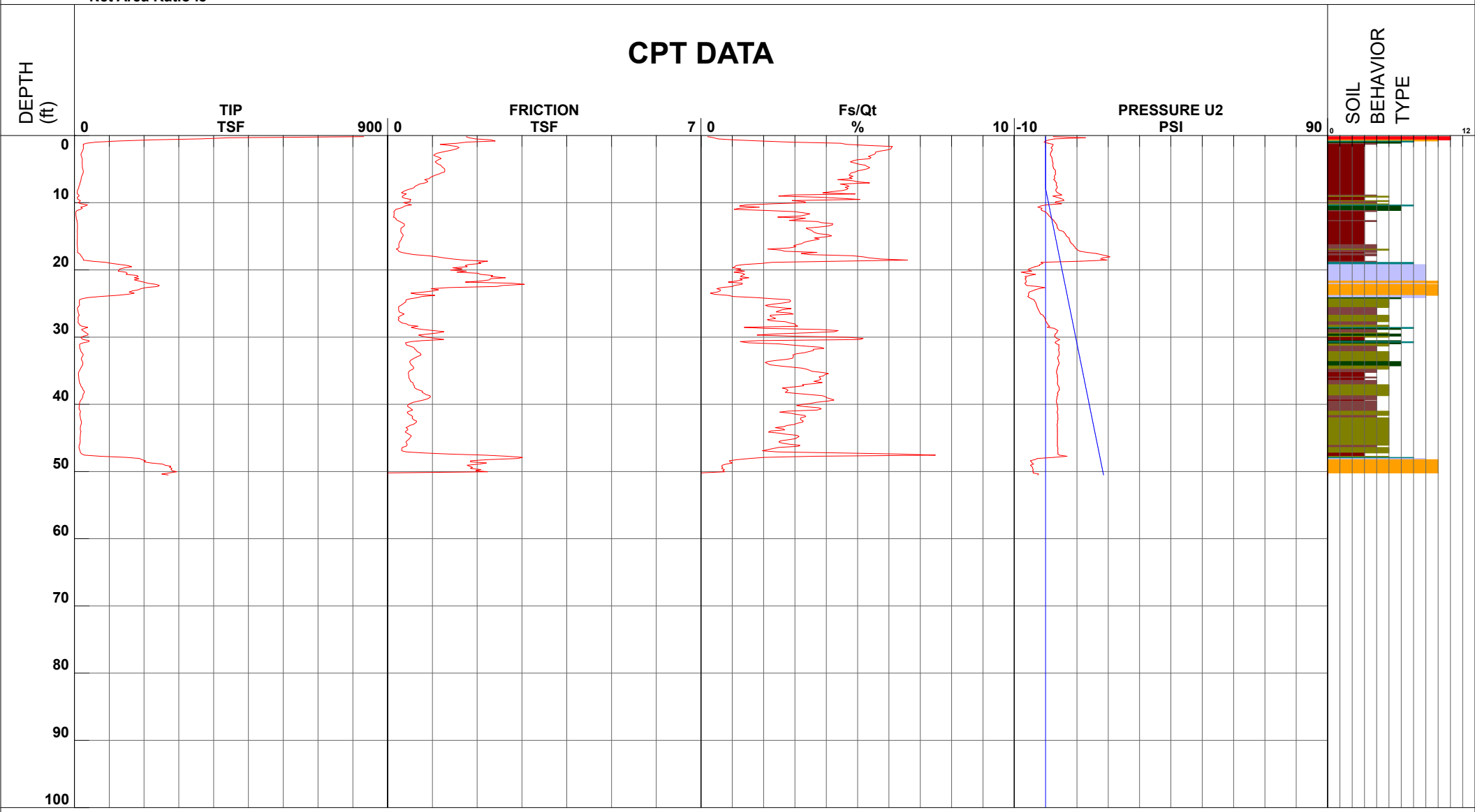
S*Soil behavior type and SPT based on data from UBC-1983

Cornerstone Earth Group

Project	3199 Alvarado	Operator	AJ-BH-SS	Filename	SDF(270).cpt
Job Number	1561-1-1	Cone Number	DDG1589	GPS	
Hole Number	CPT-04	Date and Time	2/4/2025 3:35:34 PM	Maximum Depth	50.52 ft
EST GW Depth During Test		7.90 ft			

Net Area Ratio .8

CPT DATA



1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 15cm²

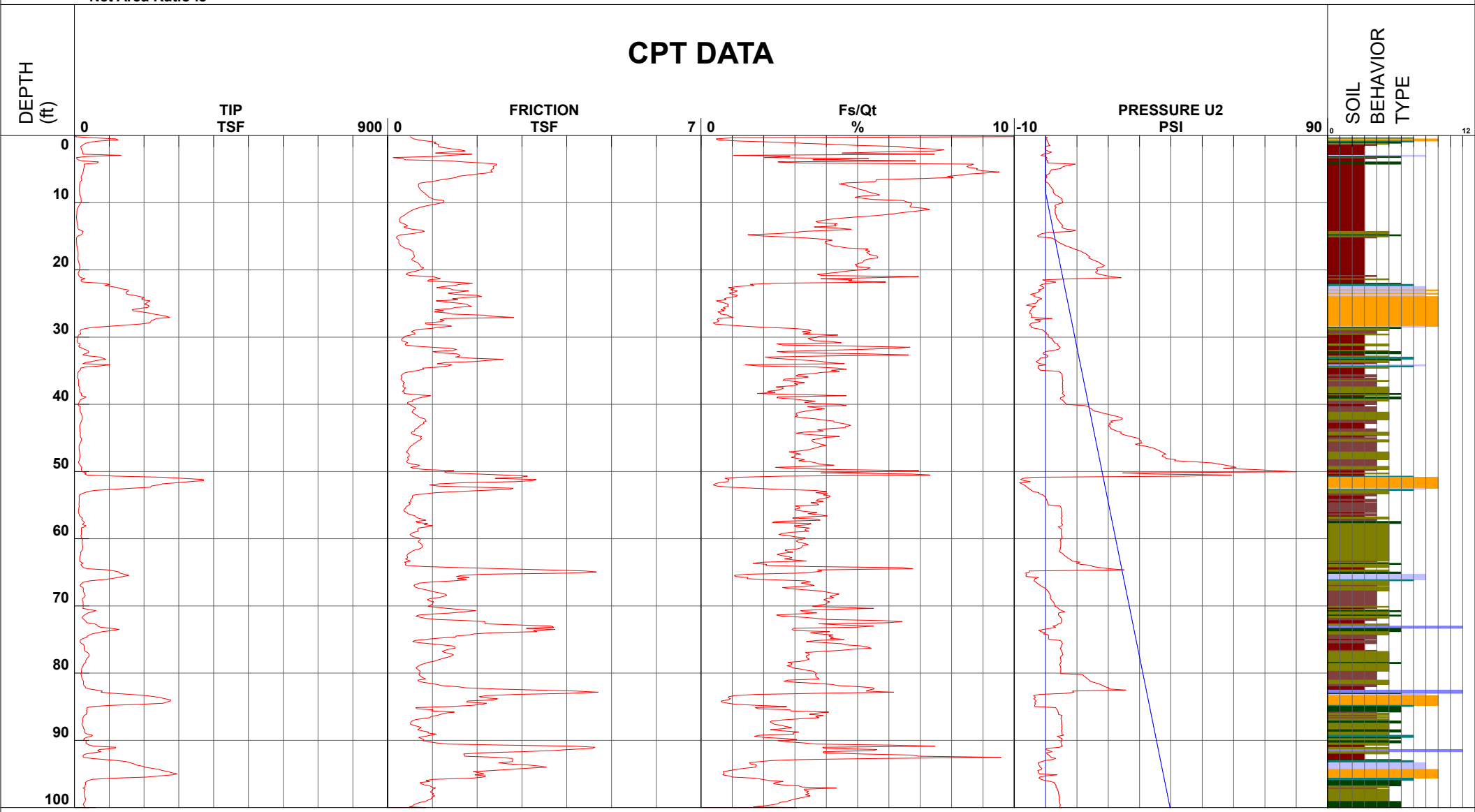
S*Soil behavior type and SPT based on data from UBC-1983

Cornerstone Earth Group

Project	3199 Alvarado	Operator	AJ-BH-SS	Filename	SDF(265).cpt
Job Number	1561-1-1	Cone Number	DDG1589	GPS	
Hole Number	CPT-05	Date and Time	2/4/2025 8:27:37 AM	Maximum Depth	100.56 ft
EST GW Depth During Test		8.50 ft			

Net Area Ratio .8

CPT DATA

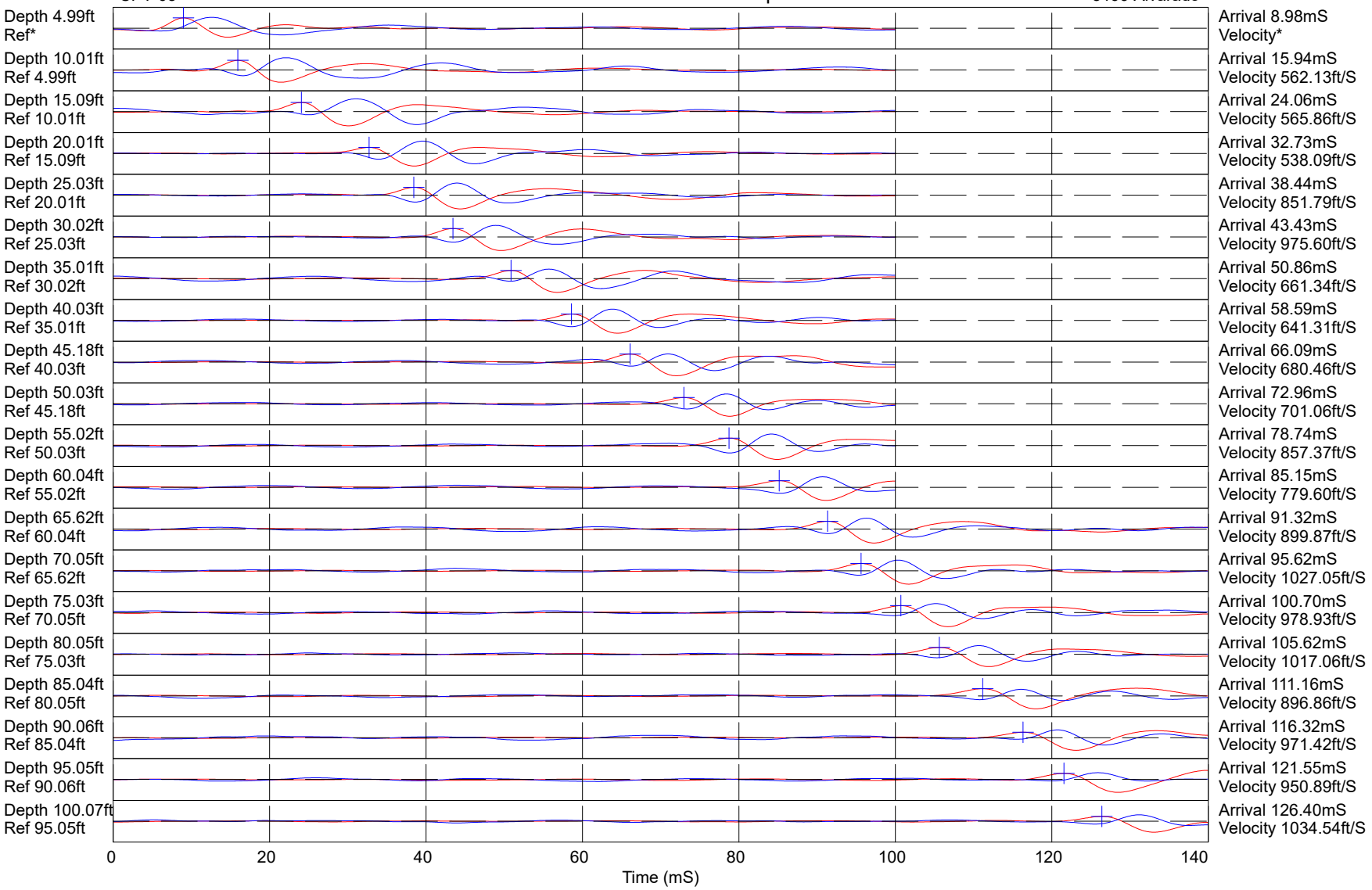


1 - sensitive fine grained
2 - organic material
3 - clay
4 - silty clay to clay
5 - clayey silt to silty clay
6 - sandy silt to clayey silt
7 - silty sand to sandy silt
8 - sand to silty sand
9 - sand
10 - gravelly sand to sand
11 - very stiff fine grained (*)
12 - sand to clayey sand (*)

Cone Size 15cm²

S*Soil behavior type and SPT based on data from UBC-1983

CPT-05 Cornerstone Earth Group 3199 Alvarado



Hammer to Rod String Distance (ft): 5.83
* = Not Determined

COMMENT:

APPENDIX B: LABORATORY TEST PROGRAM

The laboratory testing program was performed to evaluate the physical and mechanical properties of the soils retrieved from the site to aid in verifying soil classification.

Moisture Content: The natural water content was determined (ASTM D2216) on 30 samples of the materials recovered from the borings. These water contents are recorded on the boring logs at the appropriate sample depths.

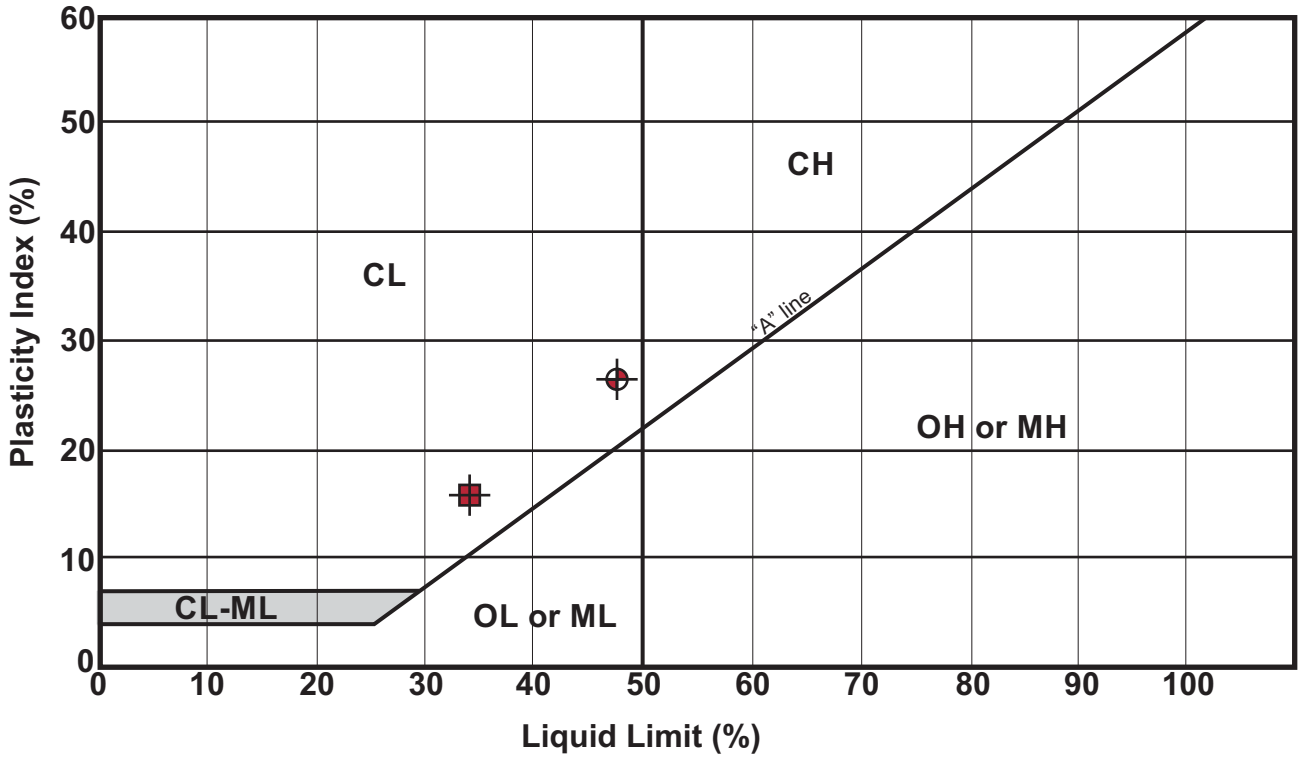
Dry Densities: In place dry density determinations (ASTM D2937) were performed on 30 samples to measure the unit weight of the subsurface soils. Results of these tests are shown on the boring logs at the appropriate sample depths.

Washed Sieve Analyses: The percent soil fraction passing the No. 200 sieve (ASTM D1140) was determined on two samples of the subsurface soils to aid in the classification of these soils. Results of these tests are shown on the boring logs at the appropriate sample depths.

Plasticity Index: Two Plasticity Index determinations (ASTM D4318) were performed on samples of the subsurface soils to measure the range of water contents over which this material exhibits plasticity. The Plasticity Index was used to classify the soil in accordance with the Unified Soil Classification System and to evaluate the soil expansion potential. Results of these tests are shown on the boring logs at the appropriate sample depths.

Consolidation: One consolidation test (ASTM D2435) was performed on a relatively undisturbed sample of the subsurface clayey soils to assist in evaluating the compressibility property of this soil. Results of the consolidation test are presented graphically in this appendix.

Plasticity Index (ASTM D4318) Testing Summary



Symbol	Boring No.	Depth (ft)	Natural Water Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index	Passing No. 200 (%)	Group Name (USCS - ASTM D2487)
⊕	EB-2	2.0	22	48	21	27	—	Lean Clay (CL)
■	EB-3	2.0	15	34	18	16	—	Sandy Lean Clay (CL) [Fill]

Samples prepared in accordance with ASTM D421

CORNERSTONE EARTH GROUP

Plasticity Index Testing Summary

Alvarado Street Warehouse
San Leandro, CA

Project Number: 1561-1-1

Figure Number: Figure B1

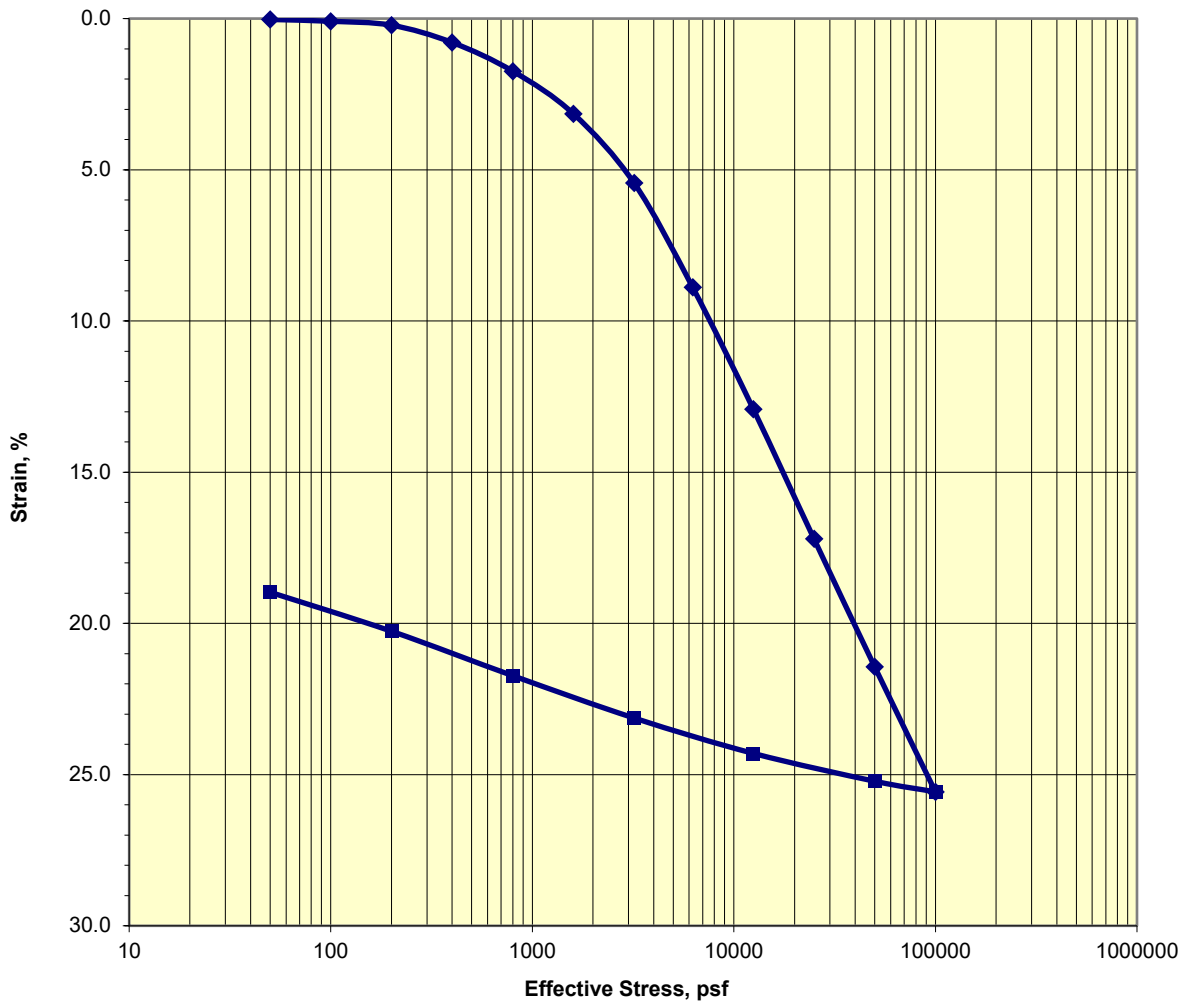
Date: March 2025

Drawn By: FLL

Consolidation Test
ASTM D2435

Job No.:	640-1569	**Boring:**	EB-4	**Run By:**	HM
Client:	Cornerstone Earth Group	**Sample:**	5	**Reduced:**	RU
Project:	1561-1-1	**Depth, ft.:**	10	**Checked:**	PJ
Soil Type:	Gray Lean Clay with Sand (CL)			**Date:**	2/19/2025

Strain-Log-P Curve



Assumed Gs 2.75	Initial	Final
Moisture %:	32.9	21.2
Dry Density, pcf:	88.2	108.4
Void Ratio:	0.946	0.584
% Saturation:	95.6	100.0

Remarks:

Appendix E-1

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

Prepared for:
CC Industries, Inc. – A Henry Crown Company

Prepared by:
Ramboll Americas Engineering Solutions, Inc.
Chicago, Illinois
Oakland, California

Date:
March 2025

Project Number:
1940111690

RAMBOLL

ENVIRONMENT
& HEALTH

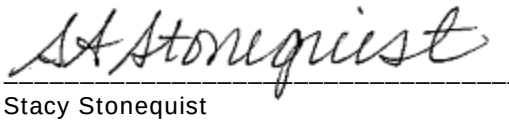
SIGNATURE AND ENVIRONMENTAL PROFESSIONAL STATEMENT

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 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Jodi Vanneman
Managing Consultant



Stacy Stonequist
Principal

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FIGURES

Figure 1: Site Location Map
Figure 2: Site Layout

APPENDICES

Appendix A: Site Photographs
Appendix B: Environmental Database Report
Appendix C: Historical Research Documentation
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1. EXECUTIVE SUMMARY

Ramboll Americas Engineering Solutions, Inc. (Ramboll) was retained by CC Industries, Inc. – A Henry Crown Company (CCI or the "Client") to perform a Phase I Environmental Site Assessment (ESA) of the site located at 3199 Alvarado Street in San Leandro, California (herein referred to as the "site") (Figures 1 and 2). Ramboll's assessment was conducted in connection with the potential redevelopment or sale of the site.

The objective of the Phase I ESA, which was conducted in conformance with the scope and limitations of ASTM International's *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E1527-21 (the "ASTM Standard"), was to identify Recognized Environmental Conditions (RECs), as defined in the ASTM Standard (see Section 8).

1.1 Site Summary

The site is developed with an approximately 252,000-square-foot building located on the western portion of the approximately 14.9-acre site. The building is primarily open warehouse space with a centrally located office cluster. An out-of-use railroad spur is located within the southeastern portion of the building. Other features include a covered loading dock, an attached storage room, and a mobile office trailer situated along the south-southwest portion of the site. The remainder of the site is paved with limited landscaping. While the majority of the building is vacant, a portion of the western half of the building is leased by The Ford Store for vehicle storage and K&C Environmental uses the storage room, office trailer, loading dock, and paved areas on the west-southwestern portion of the site for the storage and minimal maintenance of heavy equipment, dumpsters, and vehicles.

The site was farmland (row crops) by 1939 and was developed with a portion of the existing building for use as a store on the western portion of the site, along with a service station on the north-northeast portion of the site in 1962–1963. The store and service station were both operated by Consumers Mart of America (CMA) and then shortly thereafter the Bay Mart Department Store. In the late 1960s to early 1970s, the service station was demolished, the store building was expanded to its current footprint, and a rail spur was added. Levitz Furniture operated a furniture showroom and warehouse at the site from the late 1960s to 2005. A building renovation was conducted in 2008 and the site was occupied by warehousing and distribution companies from at least 2008 to 2022, including Dependable Highway Express (DHE) who formerly conducted on-site truck maintenance activities. The site has been owned by Crown H Grandchildrens Trust II since 2016.

1.2 Phase I ESA Conclusions

Ramboll performed a Phase I ESA of the site in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 7.2 of this report. The assessment has revealed no RECs, controlled RECs (CRECs), or significant data gaps (SDGs) in connection with the subject property, except as identified below.

- **Groundwater Contamination Related to Off-Site Sources.** The Davis-Washington-Alvarado (DWA) Plume is a regional groundwater contamination plume that is identified on the Response, Envirostor, Cortese, and Historical Cal-Site databases. The commingled plume is impacted by volatile organic compounds (VOCs), including tetrachloroethene (PCE), trichloroethene (TCE), vinyl chloride (VC), 1,1-dichloroethene (1,1-DCE), 1,1,1- trichloroethane (TCA), 1,1-dichloroethane (DCA), chloroform, petroleum-related compounds, and metals from multiple sites that is approximately 1 mile wide and 2 miles long. The plume was historically mapped to include the

subject site although there is no data available to indicate that the plume actually extends beneath the site. The California Department of Toxic Substances Control (DTSC) reviewed over 170 potential contributors to the DWA Plume and has overseen investigation and remediation activities at Potentially Responsible Parties (PRPs) in the area, including the Singer Friden Site, Cintas/DeDomenico Site, and Hudson ICS Site located at least 0.2 mile north-northeast of the site. Two sub-areas of the DWA Plume adjoin the subject site, the Industrial Data Gap Area to the northeast, and the Residential East and West Areas (adjoining residential areas directly southeast and to the southwest beyond Interstate 880). Grab groundwater sampling conducted within the Industrial Gap area in 1994–1995 identified TCE at a concentration of up to 1,000 µg/L at or near the US Can facility. Due to the unidentified source(s) and VOC contamination within the DWA Plume, this matter represents a REC to the site.

To address this REC and assess potential vapor intrusion risks to building occupants from the potential presence of VOCs in groundwater from the DWA plume, a soil vapor sampling investigation is planned for implementation at the site in April 2025. Soil vapor samples will be collected in accordance with DTSC guidance[1] from up to twelve (12) sub-slab vapor pin locations inside the existing warehouse and up to three (3) soil vapor probes in the parking area, east of the current warehouse and within the footprint of the future new warehouse. Soil vapor samples will be analyzed for VOCs using a mobile lab (by EPA Method 8260B) and/or fixed based laboratory using EPA Method TO-14.

Ramboll identified additional findings that are not considered RECs are discussed in Section 7.1.

[1] DTSC 2015. Advisory for Active Soil Gas Investigations. July.

2. INTRODUCTION

2.1 Scope of Work

Ramboll conducted a Phase I ESA of the site, relying on the sources of information noted below. The date on which the information was obtained/reviewed is also indicated in Table 2.1.

Table 2.1 Sources of Information Relied on for the Phase I ESA

Resource	Description	Date
Site Reconnaissance		
Site visit	Ramboll representative: Jodi Vanneman (photographs from the site visit are provided in Appendix A)	December 5, 2024
Interviews		
Site Representatives (year first associated with the site)	Troy DeHerrera, KC Environmental (2014)	December 5, 2024
Site Owner Representative	Tom Gretz, Henry Crown & Company, Manager of Corporate Real Estate Services (2024)	December 5–10, 2024
Governmental Agencies	In lieu of interviewing regulatory authorities, Ramboll submitted written information requests and reviewed responsive information (if provided) in accordance with procedures established by the regulatory authorities (see below).	See below
Records Review		
Environmental Database Search	Environmental Data Resources Inc (EDR) database report (Appendix B)	November 25, 2024
Governmental and Other Online Resources	USEPA Envirofacts and Enforcement and Compliance History Online (ECHO) databases California DTSC EnviroStor and Hazardous Waste Tracking System (HWTS) databases California Water Resources Control Board (WRCB) GeoTracker website WRCB Storm Water Multiple Applications and Report Tracking System (SMARTS) California Environmental Protection Agency (CalEPA) Regulated Site Portal United States Department of Transportation, National Pipeline Mapping System (NPMS) online	December 2, 2024

Table 2.1 Sources of Information Relied on for the Phase I ESA

Resource	Description	Date
	California Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder Alameda County Environmental Health Department (EHD), Local Oversight Program (LOP) Document Search website Alameda County Assessor's Office Parcel Viewer ParcelQuest Lite website NETR Datastore Website San Leandro City Building Department Accela website San Leandro City Self-Serve Zoning Map website	
Regulatory Agency Records	Ramboll reviewed site-related information available from the following agencies: • San Leandro City Environmental Services • Bay Area Air Quality Management District (BAAQMD) Ramboll also requested information from the Alameda County Fire Department regarding fire incidents, site usage, and spill responses on file for the site; however, because a response was not received within 20 calendar days of the information request, this source is not considered by the ASTM standard to be "reasonably ascertainable". Additionally, building records for the site were viewed via EDR Lightbox.	December 2–5, 2024
Historical Sources	Aerial photographs, topographic maps, city directory listings, Sanborn maps (as available), obtained from EDR (Appendix C).	November 25–26, 2024
Physical Setting Sources	Current United States Geological Survey (USGS) 7.5-minute topographic map for the site and surrounding area. Geologic, hydrogeologic, and hydrologic information provided in the EDR report and prior site assessment reports noted below.	December 2–5, 2024
Prior Environmental Reports and Site-Related Information	Prior environmental reports and documents reviewed by Ramboll (Appendix D) include: • *Environmental Site Assessment, Levitz Furniture located in San Leandro, California, by ATC Associates, Inc* (ATC), dated March 16, 1999 (the "1999 ESA report"); • *Additional Subsurface Investigation for the Levitz Furniture located in San Leandro, California, by ATC*, dated November 16, 1999 (the "November 1999 Additional Subsurface Investigation report"); • *Phase I Environmental Site Assessment, 3199 Alvarado Street, San Leandro, California*, prepared by Pioneer Engineering & Environmental Services, Inc. (Pioneer),	December 2, 2024

Table 2.1 Sources of Information Relied on for the Phase I ESA

Resource	Description	Date
	dated December 18, 2022 (the "2002 Phase I ESA report"); and • *ALTA Land Title Survey, prepared by Slooten Consulting, Inc.*, dated November 2002 (the "2002 ALTA Survey"). In addition, Ramboll requested from site representatives the environmental documents identified in Section 10.8 of the ASTM Standard. No other such documents were provided or are available.	

Notes:

Ramboll interviewed representatives of the site (i.e., "facility personnel") identified by the Client as having good knowledge of the uses, physical characteristics, and operations of the site (i.e., "key site manager" as defined by the ASTM Standard), including information identified in Section 10.8 and Section 10.9 of the ASTM Standard. Certain follow-up discussions and communication may have been completed following the date of the initial interview.

Database searches were completed for those databases required by the ASTM Standard, as well as other readily available sources. Where specified, the radius searched for each database was selected in accordance with the ASTM Standard.

This Phase I ESA was conducted in accordance with the methodology specified in the ASTM Standard, as agreed upon by Ramboll and its Client in the proposal for this assignment.

The scope of work for this assignment was expanded to include an evaluation of certain additional considerations that are not included in the ASTM Standard, including a screening-level review of ACM[2] in the site building. The review of additional considerations was conducted based on available information and documentation; no samples of any media were collected as part of this assignment unless explicitly stated otherwise. Any other areas referred to as non-scope considerations by the ASTM Standard not listed above were outside the scope of this assessment.

2.2 Significant Assumptions

In conducting this review, Ramboll made no significant assumptions.

[2] Ramboll's review of ACM in building materials did not include a formal asbestos survey in conformance with established protocols (as outlined in 40 CFR §763), applicable state or local regulations, or industry standards, and any comments in this report regarding the condition of building materials represent only Ramboll's observations at the time of the site visit and are not intended to be consistent with definitions regarding ACM condition in the Asbestos Hazard Emergency Response Act (AHERA) or in other federal or state asbestos regulations or industry standards.

2.3 Reliance and General Limitations

This report has been prepared for the exclusive use of CCI (the "Client") and may not be relied upon by any other person or entity without Ramboll's prior express written permission.

This report is considered current if the site visit, interviews, and regulatory database search were all performed within 180 days prior to the anticipated transaction. The conclusions presented in this report represent Ramboll's professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, Ramboll must rely upon publicly available information, information provided by the client, and information provided by third parties. Accordingly, the conclusions in this report are valid only to the extent that the information provided to Ramboll was accurate and complete. This review is not intended as legal advice, nor is it an exhaustive review of site conditions. Ramboll makes no representations or warranties, express or implied, about the conditions of the site.

Ramboll's scope of work for this assignment did not include collecting samples of any environmental media. As such, this review cannot rule out the existence of latent conditions, including contamination not identified and defined by the data and information available for Ramboll's review; however, this report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

On May 8, 2024, the United States Environmental Protection Agency (USEPA) formally published in the Federal Register (89 Fed. Reg. 39124) its final rule designating perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), together with their salts and structural isomers, as Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substances. The rule was effective July 8, 2024. Therefore, Ramboll's assessment included consideration that PFOA, PFOS, and their salts and structural isomers are CERCLA hazardous substances. Ramboll's assessment also included review of other per- and polyfluoroalkyl substances (PFAS), to the extent identified, even if not a CERCLA hazardous substance (and thus outside the scope of the ASTM Standard). Ramboll's review is intended to provide guidance about possible current and/or historical uses of PFAS at the site based on the information available at the time of our assessment, recognizing that knowledge regarding the current and historical uses of these substances continues to evolve.[3]

[3] Ramboll's review of PFAS risks excludes certain PFAS-containing refrigerants that may be contained in on-site equipment and are gases at standard temperature and pressure (e.g., R-410A, R-134a), on the assumption that they are not expected to pose a significant site contamination risk.

3. SITE DESCRIPTION

3.1 Site Setting

The site is located northwest of the intersection of Alvarado Street and Fremont Avenue, and approximately 15 miles east-southeast of San Francisco, California (Figure 1).

The site is developed with an approximately 252,000-square-foot building located on the western portion of the approximately 14.9-acre site. The building is primarily open warehouse space with a centrally located office cluster. An out-of-use railroad spur is located within the southeastern portion of the building. Other features include a covered loading dock, an attached storage room and a mobile office trailer situated along the south-southwest portion of the site. The remainder of the site is paved for parking and access with landscaping within a few curbed islands in the eastern parking lot and along portions of the site perimeter (Figure 2).

The building is configured for warehousing and distribution with several loading docks and minimal interior improvements. While the majority of the building is vacant, a portion of the western half of the building is leased by The Ford Store for vehicle storage and K&C Environmental uses the storage room, office trailer, loading dock, and paved areas on the west-southwestern portion of the site for the storage and minimal maintenance of heavy equipment, dumpsters, and vehicles.

The primary site access is from driveways off Alvarado Street along the northeastern site boundary. Table 3.1 provides an overview of physical setting information for the site.

Table 3.1 Physical Setting Information

Conditions	Description
Site Information	
Property Owner	Craig C Martin and H D Levin/Crown H Grandchildrens Trust II
Size	14.9 acres
Assessor Parcel Number (APN)	077B-1201-015
Topography, Geology, and Hydrology	
Topography	Site: The site is nearly flat with an average elevation of approximately 31 feet above mean sea level (amsl). Region: Regionally, the ground slopes downward to the southwest.
Nearest Surface Water Body to the Site	On-Site: There are no on-site surface water bodies. Off-Site: The nearest water body is the Estudillo Canal, located approximately 1 mile southwest of the site, that discharges into the San Francisco Bay, located approximately 2 miles west of the site.

Table 3.1 Physical Setting Information

Conditions	Description
Presumed Direction of Shallow Groundwater Flow	South-southwest (based on surface topography sloping downward toward the San Francisco Bay and DWA Plume reports [see Section 6.2])
Depth to Groundwater	During 1999 subsurface investigations completed at the site (see Section 4.4), groundwater was encountered at depths of 10 to 12 feet below ground surface (bgs) in borings placed on the north-northeast portion of the site.
Geologic Conditions	According to the database search report, site soils are characterized as Clear Lake clay. This poorly-drained soil exhibits very flow infiltration rates and is described as clay to a depth of 59 inches bgs.
Flood Plain	Facility personnel reported no known occurrences of flooding at the site. The site is located in an area of minimal flood hazard, which are the areas outside the 500-year flood zone.
Wetlands	According to the wetlands information provided by the National Wetland Inventory (NWI) (as obtained from the EDR database report), there are no on-site federally designated wetlands.
Nearby Groundwater Supply Wells	According to well database information provided in the database search report, there are no public water supply wells present within a 1-mile radius of the site. A total of 37 state-registered wells are reported within a 1-mile radius of the site, all of which are located 0.5 mile or more away from the site. Six of these wells are reported as former or current water supply wells and are all located crossgradient or upgradient of the site. The remaining wells are reported as monitoring, irrigation, industrial-use wells or wells of unknown use and are not expected to be used for potable purposes.

Notes:

Information in this table was obtained through visual observations during the site visit; a review of USGS topographic maps, Google Earth imagery, information contained in the database search report, and local agency sources (noted in Section 2), and information provided by site representatives.

In the absence of on-site measurements of groundwater flow direction, presumed direction of groundwater flow is based on local/regional topography, the location of nearby surface water bodies, and data for nearby property.

3.2 Current Use of the Site

The site is currently used by The Ford Store, a nearby automotive dealership, for the interior storage of vehicles within the western portion of the building. Their activities do not include the storage or use of chemicals.

The west-southwestern exterior portion of the site along with a small, attached storage structure and a mobile office trailer are used by K&C Environmental for the storage and minimal maintenance of heavy equipment, dumpsters, and vehicles. Operations are limited primarily to storage with minimal maintenance activities involving the use of compressed gas and automotive fluids (i.e., oils, lubricants, antifreeze, windshield fluid, etc.) stored in containers up to 5 gallons in size and portable compressed gas cylinders.

Site representatives knew of no use of chlorinated solvents or PFAS at the site, and the current use of such chemicals is considered unlikely based on the nature of site uses. Foam-based fire suppression systems were not observed (or reported) at the site.

4. RECORDS REVIEW

4.1 Historical Site Use and Local Agency Information

The site was farmland (row crops) by 1939 and was developed with a portion of the existing building for use as a store on the western portion of the site, along with a service station on the north-northeast portion of the site in 1962–1963. The store and service station were both operated by CMA and then shortly thereafter the Bay Mart Department Store. In the late 1960s to early 1970s, the service station was demolished, the store building was expanded to its current footprint, and a rail spur was added. Levitz Furniture operated a furniture showroom and warehouse at the site from the late 1960s to 2005. A building renovation was conducted in 2008 and the site was occupied by warehousing and distribution companies from at least 2008 to 2022 including DHE (formerly conducted truck maintenance activities), Dependable Hawaiian Express (DHX), and Dependable Distribution Center (DDC). Other prior occupants identified include Tremco (2009–2013), Pioneer Sawdust (2010), and Canon Solutions America (2017) that indicate the site operated as a multi-tenant facility for some period of time. The site has been owned by Crown H Grandchildrens Trust II since 2016.

Table 4.1 provides a summary of key information obtained by Ramboll from a review of available historical resources and information obtained from local governmental agencies and regulatory bodies.

Table 4.1 Summary of Historical Resources and Local Agency Information for the Site

Historical Resource	Key Observations Regarding Site History
Historical Resources	
Aerial Photographs (1939, 1946, 1958, 1963, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2012, 2016 and 2020) Satellite Imagery (1993–2024)	1939–1958: The site is farmland with unpaved roads and two small structures, possibly sheds, on the western portion. 1963 and 1968: The western approximate half of the current building is present with paved parking and accessways surrounding the building. In addition, there is a small rectangular-shaped building present on the north-northeast portion of the site. 1974–2024: The eastern approximate half of the building has been added and is served by a rail spur at the southeast corner. The small rectangular-shaped building previously depicted on the north-northeast corner is no longer present.
Topographic Maps (1899–2021)	≤1959: No development or land use on the site is depicted. 1968: The western portion of the existing building is present along with a small rectangular-shaped structure on the north-northeast portion of the site. 1973: The eastern portion of the building has been added. 1980: A rail spur is present along the southeastern portion of the site. 1996: The site is shaded to indicate inclusion in a densely-developed area without showing specific structure(s); the rail spur is depicted. 2012–2021: No development (or rail spur) is shown on the site. It is noted more recent maps typically depict only topographic features and roads.

Table 4.1 Summary of Historical Resources and Local Agency Information for the Site

Historical Resource	Key Observations Regarding Site History
City Directory Abstracts (1920–2020 at approximate 5-year intervals)	Prior occupants of the site are listed as: Eay [Bay] Mart Dept Store (1965), Levitz Furniture (1975–2005), General Electric Credit Corporation Appliance & Furniture Financing (1976–1982), DHE (2010–2017), DHX Dependable Hawaiian Express/DHX Inc. (2010–2020), Pioneer Sawdust (2010), Canon Solutions America (2017), and DDC-Dependable Distribution Center (2020).
1999 and 2002 Phase I Reports	The site was initially developed with a portion of the current building and a service station in the early 1960s (permit to install three gasoline USTs and one waste oil UST issued in 1962). A permit was issued in 1971 for All Bay Cities to remove all four USTs; no confirmatory documentation of their removal was found. Levitz Furniture occupied the site from the late 1960s into 2002.
2002 ALTA Survey	The ALTA Survey prepared for Henry Crown and Company and Simon Property Group shows the southern approximate 1.2 acres of the site as Parcel 2, and the remaining approximately 13.6 acres as Parcel 1. The current building was depicted as a one-story concrete building of 252,269 square feet. The original 113.56-acre land tract that included the site was deeded by Mary Stenzel of Stenzel Farms Inc. in 1926. Other land conveyances and associated years include Southern Pacific Company (1951 and 1955), Alameda County Flood Control and Water Conservation District (1959), Valbrook Inc. (1960), and excepting property lying below a depth of 500 feet reserved to Southern Pacific Transportation Company (1971).
Site Owner Representative	Ramboll observed areas marked by spray paint in the building. The site owner representative reported no knowledge regarding interior markings and were not aware of prior borings or past/present water wells on the site.
ParcelQuest Lite	The site is identified as APN 77B-1201-15-00, a 14.9-acre parcel improved with a 241,370-square-foot building constructed in 1963. The use type is industrial.
NETR Datastore Online	A transfer detail report was compiled by NETR indicates the site is owned by Craig C Martin and H D Levin with the associated 2016 recording document listing the buyer as Crown H Grandchildrens Trust II. Other ownership/interests and associated recording dates include Crown H Grandchildrens Trust (2016), John A Washburn/Henry Crown Trust (2003), Simon Property Group (2003), and Corporate Property Investors (1972).
Database Search Report	The EDR database report indicates that the following prior occupants have operated at the site address: Levitz Furniture (1986–2000), DHE (2008–2021), DHX-Dependable Hawaiian Express (2014), and Tremco/Dependable Distribution Center (2009–2013)
Google Search: Flickr.com	A Google search completed for the Bay Mart Department Store in San Leandro included an undated newspaper advertisement for the opening of “Bay Mart…the finest name in discounting now open in San Leandro…3199 Alvarado St”. The advertisement stated Bay Mart was “more than a department store” and included a service station. The website stated the store was built as a CMA and became a Bay Mart shortly after opening.

Table 4.1 Summary of Historical Resources and Local Agency Information for the Site

Historical Resource	Key Observations Regarding Site History
Local Agency Information	
Alameda County Clerk-Recorder Web Access	Ramboll researched the recording documents provided in the NETR transfer detail report referenced above and the recorder's website and the findings are as follows: • 2016 recording document #2016217537 listed both the grantors and grantees as Debra Levin Trust and Henry Crown Trust. • 2003 recording document #2003172275 listed the grantor as John A Washburn and the grantees as Geoffrey F Grossman rust and Henry Crown Trust. • 2003 recording document #2003011696 listed the grantor as Simon Property Group and the grantees as Geoffrey F Grossman Trust and Henry Crown Trust. • 1972 recording document #72054865 listed the grantor as Peerage Equities Group and the grantee as Corporate Property Investor with a lease recorded with Levitz Furniture on the same day.
Alameda County Assessor Geographic Information System (GIS) Website	The site is identified as a single parcel, APN 77B-1201-15, with Use Code 4100-Warehouse. The recorded parcel map provides an area of 14.9 acres. No other readily available information is provided.
San Leandro City Building Department Accela website	The City maintains access to the building permit record through the Accela website. The Accela permit history for the site dates back to 1993 and is summarized below: • 1993–2000: Improvements for Levitz Furniture, including adding a "repair area" in 1995 • 2005: Tent in parking lot for Levitz furniture sales • 2008: 1.2-million-dollar improvement project, including enlarging 11 dock doors, creating a storefront entry, demolishing an existing canopy, installing restrooms, a breakroom, and 27 skylights • 2009: DLS sign and DHS electrical work • 2009: Code enforcement matter stating a trucking company was parking trucks out front at the old Levitz site • 2006–2010: Code enforcement matters referring to parking and landscaping at "the old Levitz" property • 2010 and 2015: Cablecom and fiber cable permits • 2019: Install wireless communicator • 2024: Planning application PLN24-0030 by Ware Malcomb for a 252,000-square foot industrial development
Building Permits via EDR Lightbox	The permit history provided by EDR is the same as the permit history provided on the Accela website as referenced above.

Table 4.1 Summary of Historical Resources and Local Agency Information for the Site

Historical Resource	Key Observations Regarding Site History
San Leandro City Environmental Services	Records were reviewed at the San Leandro City Environmental Services, the Certified Unified Program Agency (CUPA) providing hazardous materials and storage tank oversight. The records are summarized as follows: • DHE: Identified as a prior site occupant from 2009–2022 that conducted vehicle maintenance activities. An inventory reported the following storage: used oil, used oil filters, used tires, propane, waste lead batteries, antifreeze (55-gallon drums), motor oil (240-gallon and 480-gallon aboveground storage tanks [ASTs]), and compressed gases. • Consumers Mart of America: A 1962 site plan depicted a "new retail and market building" on the original portion of the current building, and a "service station" rectangle on the northern corner of the site. A 1962 permit was issued to install three 9,980-gallon gasoline tanks and one 550-gallon waste oil tank. • Baymart Shoe Department: This former occupant was listed on a 1967 emergency card. • Levitz Furniture: Identified as a prior site occupant on records dated back to 1971. A 1971 letter stated Levitz was in the process of obtaining bids for complete removal of the service station and 9,000-gallon gasoline USTs "in front of the" station that still contained some fuel. A 1972 inspection listed "paints, thinners & glue in the furniture finishing room" plus solvents in a metal cabinet of the furniture store. A Notice of NFAR letter was issued to Levitz from the city of San Leandro dated November 22, 1999, confirming the "completion of subsurface investigation and characterization for the UST operation formerly located" at the site. In addition, environmental reports issued in 1999 were found on file and are further discussed in Section 4.4.
San Leandro City Self-Serve Zoning Map website	According to the San Leandro City Self-Serve Zoning Map website, the site is zoned IG – Industrial General for light-industrial land uses.
Alameda County EHD LOP Document Search website	No records for the site address were identified on the Alameda County EHD LOP Document Search website.
BAAQMD	Ramboll submitted a written request to the BAAQMD for records regarding operating permits, permit applications and violations on file for the site. In response, the BAAQMD provided record of one permit issued to Levitz Furniture Corporation in 1991 for the operation of a "Spraycator 3M Model," presumably a spray coating applicator that was shut down in 1992.
WRCB SMARTS website	The SMARTS website listed DHE with an industrial stormwater permit that was terminated in 2018. DHE's 2015 Stormwater Pollution and Prevention Plan (SWPPP) is posted to SMARTS and shows DHE occupied the entire building with a maintenance area within the northwest corner of the building for the maintenance and repair of trucks. Products/wastes stored inside the building included the following: interior 2,000-gallon new motor oil "tank", 1,000-gallon used motor oil "tank", two 275-gallon totes of diesel exhaust fluid (DEF), new and used antifreeze in 55-gallon drums, and used batteries stored on a rack. No stormwater violations were reported on SMARTS. Although the two storage tanks were not indicated to be ASTs, their interior location and map depiction suggest they were ASTs.

Table 4.1 Summary of Historical Resources and Local Agency Information for the Site	
Historical Resource	**Key Observations Regarding Site History**
Notes: In addition to aerial photographs provided by the third-party provider, Ramboll viewed historical satellite imagery available on Google Earth. Printed copies were not obtained, and imagery dates were not independently verified. The third-party provider reported that Sanborn fire insurance map coverage is not available for the site.	

4.2 Environmental Regulatory Database Review for the Site

Ramboll reviewed the results of the state and federal environmental database searches performed by the third-party database search provider (Appendix B) and reviewed information available on the EnviroStor, HWTS, GeoTracker, CalEPA Regulated Site Portal, NPMS, Alameda County EHD LOP Document Search, NPMS, and CalGEM websites. The site is listed on several environmental databases related to site conditions, as discussed in Table 4.2.

Table 4.2 Summary of Environmental Database Listings for the Site	
Summary of Information Contained in Database	**Ramboll's Comments**
3199 Alvarado St is listed on the California Hazardous Materials Incident Response System (CHMIRS) and Hazardous Materials Information Reporting System (HMIRS) databases. The CHMIRS listing is for a release of 20 gallons or hydraulic fluid from a broken truck line that occurred in 2001. The fire department responded, and the release was reportedly contained. The HMIRS listing is for a release of 0.125 gallons of printing ink to a trailer bed from a damaged drum in 2014. The drum was placed into an overpack drum and the trailer floor cleaned up.	Site representatives had no information on this matter. The minor release of printing ink within a trailer and inhouse cleanup indicate the 2014 incident does not present a concern. In addition, because the 2001 hydraulic oil release was reportedly contained and received regulatory response, Ramboll does not consider this matter to represent a contamination concern to the site.
Levitz/Levitz Furniture is listed on the Facility and Manifest Data (Haznet) and HWTS databases. Levitz is reported active on Haznet from 1986 to 2000 and removed the following waste types as reported on manifests: unspecified organic liquid mixture, other organic solids, unspecified oil-containing waste, paint sludge, empty containers of 30 gallons or more, unspecified waste and contaminated soil from "site cleanup" (500 pounds removed in 1996).	The generation and removal of wastes under manifest procedures, by itself, does not suggest a contamination concern to the site. However, the reason for the removal of soil generated from site cleanup is not known; the USTs were removed in 1999. This matter is further discussed in Section 7 of this report.
DHE is listed on the Haznet and HWTS, databases as active on Haznet with a start date of 2009. The following waste types were removed (per manifests): unspecified oil-containing waste, other organic solids, hydrocarbon solvents, waste oil/mixed oil, off-spec/aged/surplus organics, aqueous solution, and latex waste/paint.	The generation and removal of wastes under manifest procedures, by itself, does not suggest a contamination concern to the site.

Table 4.2 Summary of Environmental Database Listings for the Site

Summary of Information Contained in Database	Ramboll's Comments
DHX-Dependable Hawaiian Express is listed on the Haznet and HWTS databases in 2014 and removed unspecified aqueous solution and off-spec/aged/surplus organics as reported on manifests.	The generation and removal of wastes under manifest procedures, by itself, does not suggest a contamination concern to the site.
Tremco, Inc. is listed on the Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG), Haznet, and HWTS databases. Tremco, Inc. is reported active on HWTS from 2009 to 2013. The following waste types were removed as reported on manifests: ignitable wastes, off-spec/aged/surplus organics, other organic solids, unspecified organic liquid mixture, and other inorganic solid wastes.	The generation and removal of wastes under manifest procedures, by itself, does not suggest a contamination concern to the site.

Notes:

The site is also listed on the following databases related to regulatory compliance: California Integrated Water Quality System Project (CIWQS), ECHO, Facility Index System/Facility Registration System (FINDS), Hazardous Waste Electronic Manifest System (E-Manifest), National Pollutant Discharge Elimination System (NPDES), and Resource Conservation and Recovery Act Non Generator/No Longer Regulated (RCRA NonGen/NLR). Listings on these databases, by themselves, are not necessarily indicative of contamination.

4.3 Prior Operations and Chemical Use

According to facility personnel, K&C Environmental's operations have remained generally consistent during its period of occupancy at the facility and include minimal maintenance activities involving the use of compressed gas and automotive fluids stored in containers up to five-gallons in size and portable compressed gas cylinders. Site representatives knew of no use of chlorinated solvents or PFAS at the site, and the current use of such chemicals is considered unlikely based on the nature of site uses.

According to Fire Department and SMARTS records (see Section 4.1), during DHE's former occupancy, truck maintenance activities were conducted at the site that included the use of compressed gas and automotive fluids stored in containers up to 55 gallons in size and four ASTs up to 2,000 gallons in size. The ASTs were stored within the northwest portion of the building. DHE and other trucking companies were identified as generators of regulated waste that appear to be related to automotive services and building maintenance activities (see Section 4.2).

During Levitz's furniture's operations, a 1972 Fire Department inspection listed "paints, thinners & glue in the furniture finishing room" plus solvents in a metal cabinet of the furniture store (see Section 4.1). An air permit was issued to Levitz Furniture Corporation in 1991 for the operation of a "Spraycator 3M Model," presumably a spray coating applicator that was shut down in 1992 (see Section 4.1). Levitz was also identified to store 30-gallon containers of "Stainsafe Furniture Guard" in the northeast corner of the warehouse (see Section 4.4). In addition, Levitz Furniture was identified to generate regulated wastes from 1986 to 2000 that included unspecified organic liquid mixture, other organic solids, unspecified oil-containing waste, paint sludge, empty containers of 30 gallons or more, unspecified waste and contaminated soil from "site cleanup" (500 pounds removed in 1996). The reason for this soil cleanup was not identified and this matter is further discussed in Section 7.

Facility personnel knew of no past use of chlorinated solvents or PFAS at the site, nor did Ramboll's review of database listings and site documents identify the past use of chlorinated solvents or PFAS at the site. The site is not listed on any PFAS-related databases searched by EDR (or other provider). Site personnel were not aware of any past fires at the site, or use of firefighting foams for fire training drills. However, the chemical composition of the Stainsafe Furniture Guard is unknown and it is noted that fabric stain retardants commonly contained PFAS.

4.4 Previous Environmental Assessments and Activities

Based on a review of historical site documents and interviews with site representatives, prior environmental assessment, and sampling activities have been conducted at the site, as summarized below. Pertinent historical and site-related information contained in the prior reports has been incorporated into other sections of this report.

- **1999 ESA Report.** This report was conducted by ATC on behalf of Levitz Furniture. ATC stated their review of building plans dated 1971 identified "placement of a gasoline UST adjacent to the northeast corner of the site building, as well as the proposed abandonment of a water well on the western portion of the site." No evidence of this proposed UST was identified during ATC's site visit. The water well was observed adjacent to a fire hydrant in the parking area on the west side of the site and appeared to have been plugged. In addition, ATC identified a 1962 Fire Department permit to install three 9,960-gallon USTs and one 550-gallon waste oil UST by Consumers Mart Co. and a 1971 permit that indicated All Bay Cities was scheduled to remove the four USTs from the site. ATC stated no documentation was identified to confirm that the USTs were removed. ATC concluded that the former service station, the UST proposed for installation in 1971, and localized damage to wallboard observed in the warehouse area were RECs. The Report recommended that if a higher level of confidence regarding the presence of USTs was required, a geophysical survey could be performed and pending results of survey, a soil sampling investigation may be warranted. The former service station is discussed in Section 7.
- **November 1999 Additional Subsurface Investigation Report.** This investigation was conducted by ATC on behalf of Levitz Furniture. ATC had previously completed subsurface assessments in April and May 1999 that included eight borings installed to a maximum depth of 15 feet bgs to assess the presence of fuel constituents including the collection of eight soil samples and six grab groundwater samples that were analyzed for TPHg, BTEX; and MTBE. No analyzed constituents were detected in soil except for except for xylenes in one sample at 0.019 ppm. TPHg, benzene, and MTBE were not detected in the groundwater samples above laboratory detection levels and toluene, ethylbenzene and xylenes were identified in one sample at 0.6 µg/L, 0.9 µg/L and 3.6 µg/L, respectively. Therefore, a NFAR status was requested from the city of San Leandro who denied the request due to the presence of recently discovered diesel-impacted soil during a utility excavation in the adjoining Alvarado Street. In order to be considered for a NFAR determination, the City required additional assessment to be completed. In response, ATC conducted additional investigation, the results of which were summarized in the November 1999 Additional Subsurface Investigation Report.[5] Six additional soil and grab groundwater samples were collected and analyzed for TPHd. One groundwater sample (SB13) was also analyzed for TPHg. The results were reported as non-detect in soil and in five of the groundwater samples with TPHd identified at 1,100 µg/L (in SB11 installed the furthest away from the former service building along Alvarado Street). The one detection of TPHd in groundwater was believed to be associated with an off-site source to the east with this finding supported by surrounding sampling points. ATC concluded there was a low likelihood that the source of the residually impacted groundwater is from the former on-site service station and that no additional investigation activities were

required. Based on the results of the 1999 Subsurface Investigation report, the city of San Leandro issued a NFAR status in 1999.

This matter is further discussed in Section 7.

- **2002 Phase I ESA Report.** The report was conducted by Pioneer on behalf of CCI. The findings of the 2002 Phase I ESA report were similar to those in the 1999 ESA report referenced above, including identification of the 1962 permit to install four USTs at the site, and the 1971 permit to remove the USTs; however, no documentation to evidence the removal of USTs was found. Pioneer concluded no RECs were identified; however, the following additional findings were presented: (1) the historical service station and residual subsurface contamination were concluded to represent a historical REC (HREC); (2) limited areas of soil contamination associated with the historical service station were identified and represent a business environmental risk that may require excavation of soil from impacted areas and handling of the soil in accordance with applicable regulations if redeveloped; (3) suspect ACM, including ceiling tile, floor tile and drywall (and associated joint compound and tape) were identified to be present in good condition; (4) the subject building was suspect to contain lead-based paint (LBP) based on its date of construction; and (5) fluorescent light ballasts were suspect to contain PCBs based on the potential date of installation.

  Ramboll notes the “limited areas of soil contamination” referenced above by Pioneer as an additional finding is based on the identification of 0.019 ppm xylene in soil. This level does not exceed the 2019 RWQCB Tier 1 ESL for unrestricted land use for xylene of 20 ppm.

4.5 User-Provided Information

Because this assessment is being prepared on behalf of the associated owner of this site, user-provided information (e.g., relating to environmental liens, activity and use limitations [AULs], specialized knowledge of the site, property value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination) was obtained through the site reconnaissance and interviews and is referenced in the applicable sections of this report.

5. SITE OBSERVATIONS

5.1 Chemical and Petroleum Storage

5.1.1 Underground Storage Tanks

According to site representatives, there are no current USTs at the site, and Ramboll identified no visual evidence of such (e.g., vent pipes, fill ports, or dispensing equipment) during the site visit or in the review of records pertaining to the site. According to the environmental database report, the site is not listed on the UST database.

Based on information reviewed by Ramboll, a permit to install four USTs in association with a former gas station was issued in 1962, as listed in Table 5.1. A permit to remove the USTs was issued in 1971; however, no documentation was identified evidencing removal of the USTs. A discussion of investigation activities associated with the USTs is presented in Section 4.4.

The site is not listed on the Leaking UST (LUST) database. The 1999 ESA Report stated their review of building plans dated 1971 identified "placement of a gasoline UST adjacent to the northeast corner of the site building, as well as the proposed abandonment of a water well on the western portion of the site."

Table 5.1 Underground Storage Tanks

Number and Size (gal.)	Location	Contents	Key Dates	Regulatory Closure Granted	Notes
USTs (Disposition Unknown)					
1 x Unknown	Adjacent to the northeast corner of the building	Gasoline	Identified in 1971 building plans, per the 1999 ESA report (see Section 4.4)	None	No other documentation was identified to confirm this UST was installed and Ramboll observed no visual evidence of this UST. This matter is further discussed in Section 7.
3 x 9,980	North-Northeast portion of site associated with former service station	Gasoline	1962 permit to install; 1971 permit to remove	1999 NFAR	Subsurface investigation of the former USTs area was conducted and NFAR was granted in 1999. This matter is further discussed in Section 7.
1 x 550		Waste Oil			

5.1.2 Aboveground Storage Tanks

Site representatives reported that there are currently no ASTs at the site, and Ramboll did not observe any during the site visit. However, a few empty trailer-mounted, portable ASTs up to approximately 300 gallons each used at off-site locations by K&C Environmental are stored on the site. These portable ASTs appeared to be in good condition.

According to Fire Department and SMARTS records (see Section 4.1), during DHE's former occupancy, truck maintenance activities were conducted at the site that included the storage of product oil and

used oil in four ASTs up to 2,000 gallons in size. The ASTs were stored within the northwest portion of the building.

5.1.3 Other Chemical and Petroleum Containers

Chemical storage at the site is limited to compressed gas and automotive fluids (i.e., oils, lubricants, antifreeze, windshield fluid, etc.) stored in a few dozen containers up to five-gallons in size and portable compressed gas cylinders inside the storage room attached to the southwest side of the building that are used by K&C Environmental. A few surface stains were observed on the concrete floor in the storage room that appeared to be less than two square feet in size each. In addition, there is a floor drain in the corner of this room that was stained with an oil funnel stored on top with several small containers of product oil on and near the drain. According to site personnel, used oil is placed in five-gallon containers and transported for off-site processing and no used oil or product oil is reportedly discharged to the floor drain. Ramboll also observed several stained areas on the exterior concrete and asphalt paved areas, as further discussed in Section 5.2.

5.2 Other Site Reconnaissance Observations

During the site visit, Ramboll made observations of interior and exterior portions of the site to look for and identify the features, activities, uses, and conditions specified in Section 9.4 of the ASTM Standard, as discussed in Table 5.2.

Table 5.2 Site Reconnaissance Observations

Conditions	Description
Site Utilities and Equipment	
Heating and Cooling Equipment	Ramboll presumes the office area is supplied conditioned air/heat; air ducts are present in the mezzanine space above the limited central office area. The warehouse space is not heated or cooled.
Natural Gas Service	The site is provided with natural gas service.
Use of Fuel Oil for Building Heat	No current or former use of fuel oil for building heat.
Foam-based Fire Suppression System	According to facility personnel, the site is not equipped with a built-in foam-based fire suppression system, and there is no indication of a former use of a foam-based fire-fighting system at the site.
Water Supply and On-site Water Wells	The site receives drinking water from the East Bay Municipal Utility District (EBMUD) water system. Ramboll did not observe evidence of groundwater wells on the site. According to the 1999 ESA report, building plans dated 1971 identified the proposed abandonment of a water well on the western portion of the site. The 1999 ESA report stated a water well was observed adjacent to a fire hydrant in the parking area on the west side of the site that appeared to have been plugged. In addition, a 1995 map that was appended to the 2006 San Leandro Residential Ground Water Technical Memorandum (see Section 6.2.1) showed a private well was located on the northeast corner of the site.

Table 5.2 Site Reconnaissance Observations

Conditions	Description	
	The site owner representative reported no knowledge regarding past/present water wells on the site.	
Polychlorinated Biphenyl (PCB)-containing Equipment	Site representatives were not aware of any on-site equipment that is known to contain PCBs. There is exterior one pad-mounted transformer on the site that is located on the southern portion of the site. The unit is owned by Pacific Gas & Electric Company (PG&E). The unit was not labeled as to the PCB content. Because the unit was installed before the 1979 federal ban on the manufacture of PCBs, it is possible that transformer oils contain PCBs. Because the building was constructed prior to the 1979 federal ban on the manufacture of PCBs, it is possible that other types of electrical equipment, such as capacitors, and light ballasts, contain PCBs. Ramboll observed no evidence of leaks or releases from transformers or other electrical equipment during the site visit.	
Waste, Wastewater and Stormwater		
Waste	Hazardous and Universal	Hazardous wastes generated at the site appear to be limited to used oil stored in 5-gallon buckets. According to site representatives, minimal used oil is generated and upon generation, it is transported in an employee truck within the 5-gallon bucket to an off-site location for processing.
	Nonhazardous	Nonhazardous waste generated at the site includes limited construction, paper, empty nonhazardous containers and employee food debris stored in one roll-off dumpster. The dumpster is transported by K&C Environmental for off-site disposal of (the dumpster) contents on an as-needed basis.
	Observations	Ramboll observed no evidence of a contamination concern associated with waste storage and management at the site.
Wastewater	Sanitary	Sanitary wastewater from the site is discharged to the municipal sanitary sewer system. K&C Environmental employees use an exterior portable toilet that is serviced by an off-site contractor.
	Process	Operations at the site do not generate process wastewater.
	Septic Systems	No identified current or former septic systems.
	Observations	Ramboll observed no evidence of a contamination concern associated with wastewater management at the site.
Stormwater	Management	Percolates into the ground surface at unpaved areas and enters catch basins that discharge to the municipal stormwater sewer system.
	Observations	Ramboll observed no evidence of a contamination concern associated with stormwater management at the site.

Table 5.2 Site Reconnaissance Observations

Conditions	Description
Other Interior and Exterior Observations	
Exterior Ponds, Pits, Lagoons, and Standing Surface Water	Ramboll observed no exterior ponds, pits, or lagoons.
On-site Disposal or Fill Material	Ramboll did not observe any areas of the site indicative of on-site waste disposal or placement of fill material.
Staining and Stressed Vegetation	Several oil-stained areas were observed on the southwest portion of the site in the areas used by K&C Environmental. In addition, one front loader was stored on oil-soaked plywood. The majority of the stains were less than 2 square feet in size and did not appear to extend to stormwater drains.
Interior Drains, Sumps, Pits, and Trenches	Ramboll observed several floor drains in the southwestern portion of the building along with several concrete patches that were likely associated with the former operation of the building as a supermarket by Consumer Mart. Several small containers of motor oil were stored adjacent to an interior floor drain in the maintenance storage room on the southwest portion of the site, as previously discussed in Section 5.1. According to Ramboll's observations, there are no other sub-grade structures at the site (e.g., below-grade pits, below-grade oil/water separators, or trenches).
Odors	At the time of the site visit, Ramboll did not note strong odors in interior or exterior areas at the site.
Other	Three locations were marked with spray paint on the southwest interior portion of the building. The marking is similar to proposed boring locations. Ramboll inquired about boring locations marked by spray paint in the building. In response, the site owner representative stated ownership had no knowledge regarding interior marked borings on the site.

6. SURROUNDING PROPERTIES

The ASTM Phase I Standard requires an evaluation of the potential for migration of contamination onto the site from adjoining and other off-site properties. Ramboll's review of potential contamination risks posed by properties surrounding the site is presented below.

6.1 Current and Past Uses of Adjoining Properties and Surrounding Area

The site is located in a light-industrial, commercial, and residential mixed-used land area, as summarized in Table 6.1. The nearest residences adjoin the southeast side of the site.

The surrounding properties were used as farmland by at least 1939 up to their current development beginning in the 1950s. Ramboll did not observe obvious indications of environmental concern on the historical sources reviewed.

Table 6.1 Current and Past Uses of Adjoining Properties

Uses of Adjoining Properties	Notable Past Uses and Approximate Time Period	Observations Relating to Potential Conditions
Northeast		
Alvarado Road, beyond which is a Prologis multi-tenant, multi-building warehouse and commercial complex with the two nearest buildings occupied by stores, distributors, and an electrical design company (2950–2054 and 3018 Alvarado Street).	Agricultural (<1939–1960) Montgomery Ward store, distribution center and auto services (1960s–1980s) Current multi-building warehouse and commercial complex (1990s–present)	Ramboll did not observe conditions on adjacent properties that represent a potential contamination concern to the site. Montgomery Ward (former occupant of Prologis complex) was identified on contamination-related databases and this land is part of the DWA Industrial Data Gap area; these matters are further discussed in Section 6.2.1.
Southeast		
Residential area	Agricultural (<1939–1940s) Current residential tract (1950s–present)	Ramboll did not observe conditions on, or identify past uses of, adjacent properties that represent a potential contamination concern to the site. This area is part of the DWA Residential East Area, as further discussed in Section 6.2.1.
Southwest		
Multi-laned 580 Freeway followed by residential area	Agricultural (<1939–1940s) Current freeway followed by a residential area (1950s–present)	Ramboll did not observe conditions on, or identify past uses of, adjacent properties that represent a potential contamination concern to the site. This area is part of the DWA Residential West Area, as further discussed in Section 6.2.1.

Table 6.1 Current and Past Uses of Adjoining Properties

Uses of Adjoining Properties	Notable Past Uses and Approximate Time Period	Observations Relating to Potential Conditions
Northwest		
Several multi-tenant warehouse and commercial buildings (3063 Alvarado Street and 3007–3081 Teagarden Street)	Agricultural (<1939–1960s) Current warehouse and commercial buildings (1970s–present)	Ramboll did not observe conditions on, or identify past uses of, adjacent properties that represent a potential contamination concern to the site.

Notes:

During the site visit, Ramboll walked or drove by the borders of the properties that are adjacent to the site. Ramboll did not enter the neighboring properties.

6.2 Database Review for Off-Site Properties

6.2.1 Adjoining Properties

Based on a review of the environmental database search report, Ramboll identified the adjoining property listed in Table 6.2 on databases relating to known or potential past releases.

Table 6.2 Database Listings Relating to Known / Potential Releases at Adjoining Properties[1]

Listing Name and Relative Location	Summary of Information Contained in Database	Ramboll's Comments
Montgomery Ward 3000 Alvarado Street (adjoining to the northeast beyond street)	This property is listed on the UST Finder, LUST, and Cortese/Historical Cortese databases related to a release of diesel reported to groundwater in 1986 and case closure granted by the RWQCB in 1995. The facility is also listed on the Historical UST (Hist UST) database for nine diesel, gasoline, and waste oil USTs installed 1965 to 1974.	Records for this property, reviewed at the San Leandro City Fire Department, included a 1995 Site Closure Summary for the Montgomery Ward site, and a 1995 Oversight of the Ground Water Assessment Program Report conducted at 2950-3018 Alvarado Street (current Prologis complex that replaced Montgomery Ward). According to the Closure Summary, eight gasoline and diesel USTs, three waste oil USTs and four motor oil USTs were removed from 1980 to 1986. Groundwater monitoring wells were installed and grab groundwater samples were collected with first depth to groundwater reported at 14.4 to 17.5 feet bgs flowing to the southwest. The comments section of the summary stated the following: No soil or groundwater remediation has occurred at the site. The "before" groundwater concentrations (notably TPHg up to 3,600 µg/L, and BTEX up to 2.1 µg/L) represent the highest readings from two monitoring wells, sampled six times 1987–1988. The "after" concentrations (notably TPHg up to 320 µg/L, BTEX up to 3.9 µg/L, PCE up to 8.9 µg/L, and TCE up to 9.1 µug/L) represent the highest readings from six grab groundwater samples collected in April 1994. Two hydropunch samples were collected downgradient from each of the three former tank

Table 6.2 Database Listings Relating to Known / Potential Releases at Adjoining Properties[1]

Listing Name and Relative Location	Summary of Information Contained in Database	Ramboll's Comments
		clusters." Only results for "before" soil samples were provided with TPHg at 200 ppm, TPHd at 970 ppm, and xylene at 2.1 ppm. The 1995 Oversight of the Ground Water Assessment Program Report stated 30 groundwater samples were collected throughout the property and analyzed for halogenated VOCs from 1994 to 1995. Review of the tabulated data show chloroform up to 3.8 µg/L, PCE up to 94 µg/L, and TCE up to 64 µg/L were identified in several groundwater samples with the most elevated results identified on the northern portion of the property. The presence of VOCs in regional groundwater is further discussed in Section 7.
DWA Plume San Leandro Groundwater Contamination San Leandro	The DWA Plume is identified on the Response, Envirostor, Cortese and Historical Cal-Site databases. According to the Site History provided by Envirostor updated September 2022, the DWA Plume is a commingled, regional groundwater plume impacted by VOCs including PCE, TCE, VC, 1,1-DCE, TCA, DCA, chloroform, petroleum-related compounds, and metals from multiple sites that is approximately one mile wide and two miles long. The DWA Plume consists of individual sites: Singer Friden, Intercoastal Paint Company, Staefa Control System Inc. , Century Plating Company Inc., Cintas/DeDomenico, Hudson ICS, U.S. Can Company, Former Transcon Lines, Simmons Company, and Dana Corporation and four specific study areas: San Leandro Boulevard Area, Toe of the Plume Area, Industrial Data Gap Area, and the Residential Area. DTSC reviewed potential contributors to the DWA Plume and coordinated a domestic well sampling	Five documents on the Envirostor website were reviewed, including: 2006 San Leandro Residential Ground Water Technical Memorandum (the "2006 Memorandum"), 2019 Orphan Site Designation Memorandum, 2021 Current Conditions report, 2022 Supplemental Site Characterization Workplan (the "2022 Work Plan"), and 2023 Regional Groundwater Monitoring Report (the "2023 Report," based on October 2022 groundwater sampling results). The DWA Plume was initially detected in the late 1980s and in 1992, an Imminent and Substantial Endangerment Determination was issued for the plume area that included the subject site. Over 170 facilities were investigated as potential contributors with the primary PRPs identified to include Singer Friden, Century Plating, Cintas/DeDomenico, and Hudson ICS that are all located approximately 0.25 to 0.65 miles northeast of the site. Regional groundwater monitoring shows an overall flow to the west and localized to the south-southwest near the site. Two sub-areas of the DWA Plume adjoin the subject site, the Industrial Data Gap Area (to the northeast including the adjoining Prologis complex [former Montgomery Ward, Tap Plastics, and Standard T Chemicals facilities]) and the Residential East and West Areas (adjoining residential areas directly southeast and to the southwest beyond Interstate 880). Groundwater sampling conducted within the Industrial Gap area in 1994-1995 included groundwater monitoring wells on the US Can facility and 19 other grab groundwater locations with TCE identified up to 1,000 µg/L at or near the US Can facility (north of the Prologis complex). Although the site was historically included within the plume area, the 2022 plume distribution maps do not show the more recent TCE or PCE plumes (defined as contamination levels over 5

Table 6.2 Database Listings Relating to Known / Potential Releases at Adjoining Properties[1]

Listing Name and Relative Location	Summary of Information Contained in Database	Ramboll's Comments
	program and conducted multiple phases of investigation with hundreds of soil and groundwater sampling locations. Subsequent characterization activities have included regional groundwater monitoring, enhanced in situ bioremediation pilot testing, soil gas sampling and evaluation of associated potential vapor intrusion risks, and residential indoor air sampling. In addition, DTSC has overseen investigation and remediation activities at multiple sites in the area, including the Singer Friden Site, Cintas/DeDomenico Site, and Hudson ICS Site. DTSC is currently implementing a supplemental site characterization of the DWA Plume consisting of regional groundwater monitoring, commingled plume assessment and soil gas site characterization. The purpose of the supplemental site characterization is to verify historic trends and provide an updated dataset to develop a remedial action plan.	µg/L) underlying the subject site, the Industrial Data Gap Area or adjoining properties to the northwest. TCE and PCE plumes are mapped approximately 1,200 to 1,500 feet northwest and north of the subject site (see below for the Residential Areas located southeast and southwest of the subject site). Within the Residential Areas, a 1995 map depicted a sample point in Alvarado Street (R9) adjoining the northeast subject site boundary, and two sample points (R13 and R50) along Figueroa Drive (approximately 120 feet southeast of the subject site) with PCE groundwater concentrations at non-detect and <1 µg/L. The 1995 map showed PCE was identified in groundwater samples up to 2,500 µg/L located 300 to 800 feet south, southeast and southwest of the subject site. In 2005, PCE was identified in groundwater in the same Residential East Area up to 9,800 µg/L. The 2006 Memorandum concluded the source was likely located to the northeast (not northwest in the direction of the subject site). It is noted the 1995 map also showed a private well located on the northeast corner of the subject site that was not observed during Ramboll's site visit or found in other reviewed documents. The 2021 Current Conditions Report (based on groundwater samples collected in 2014) stated PCE and TCE plumes with concentrations up to 3,200 µg/L and 710 µg/L, respectively, were identified in the Residential East Area with no sources yet identified; and PCE and TCE plumes with concentrations up to 20 µg/L and 230 µg/L, respectively, were identified in the Residential West Area. There are numerous monitoring wells in the Residential Areas and the 2023 Report shows the PCE plume boundary is mapped nearly adjacent to the subject property's southeastern boundary with the center of the plume (with PCE up to 4,400 µg/L in 2022) located approximately 600–700 feet southeast of the subject site. Two TCE plume boundaries are approximately 300 to 700 feet southeast and south, respectively, from the subject site. The 2023 report stated PCE concentrations relative to upgradient sources have persisted through multiple rounds of in situ bioremediation injections, suggesting a more local, non-transient source. The 2023 report also stated there may be a preferential pathway between the Singer Friden site (located approximately 0.6 miles northeast of the subject site) via underground utilities and referenced a stormwater drain system on/adjacent to the southeastern subject site boundary. The 2023 Report and 2022 Work Plan recommended additional investigation activities with the nearest proposed

Table 6.2 Database Listings Relating to Known / Potential Releases at Adjoining Properties[1]

Listing Name and Relative Location	Summary of Information Contained in Database	Ramboll's Comments
		Hydropunch (grab groundwater) and/or soil vapor sample locations situated approximately 170 to 250 feet north and south of the subject site to further delineate the extent of the plume and assess potential sources of contamination in the Residential Areas. This matter represents an environmental concern to the site and is discussed in Section 7. Ramboll notes that the Singer Friden, Staefa Control System Inc., Century Plating Company, Cintas Corporation, U.S. Can Company, Transcon Lines, Simmons Company, and Dana Corporation properties are located at least 0.25 mile away from the subject site, are listed on the Response and/or Envirostor databases with No Further Action (NFA) or Certified statuses, and are therefore not further reviewed herein. A copy of plume maps is included in Appendix D.

Notes:

Ramboll's analysis of adjoining properties was based on observations made during the site reconnaissance and location information for off-site listings as presented in the database report. Also, for purposes of this analysis, Ramboll considers "adjoining" properties to be properties that are adjacent, even if separated by a road or other physical barrier. Ramboll has not included a discussion of compliance-related databases in this table (e.g., RCRA Generator, UST, AST), as Ramboll considers it unlikely that off-site properties listed on compliance-related databases without indication of a release or chemical mishandling represent a potential risk for contamination to the site.

6.2.2 Other Surrounding Properties

Ramboll has identified a non-adjoining property with an open status on a contamination-related database that warranted review, as detailed in Table 6.3.

Table 6.3 Database Listings for Surrounding Properties Indicative of Potential Contamination[1]

Listing Name and Location Relative to the Site	Summary of Information Contained in Database	Ramboll's Comments
295 139th Avenue (0.4 miles northeast)	This site is identified on the Cleanup Program Sites-Spills, Leaks, Investigations and Cleanups (CPS-SLIC) database with an Open-Site Assessment status as of December 15, 2016.	According to a 2018 Indoor Air and Soil Gas Sampling Workplan obtained from the Geotracker website, VOCs were identified in groundwater samples in 2015 include PCE up to 41 µg/L, TCE up to 2.2 µg/L, and total TPHd up to 720 µg/L. PCE was detected in soil gas samples up to 4,700 micrograms per cubic meter (µg/m^3), and these analytes were not identified in soil samples above applicable screening levels. The Alameda County EHD has requested additional assessment to be conducted. Based on the relatively distant location of this facility and

Table 6.3 Database Listings for Surrounding Properties Indicative of Potential Contamination[1]

Listing Name and Location Relative to the Site	Summary of Information Contained in Database	Ramboll's Comments
		reported groundwater contamination levels, this facility is unlikely to represent a significant environmental concern to the site.

Note:

[1] Ramboll considered non-adjoining properties to represent a potential risk of contamination to the site only if they are listed on databases indicative of contamination, with open status, and located potentially upgradient of the site (as the issuance of regulatory closure suggests that impacts to the subject site from the noted off-site property are unlikely).

It is noted the San Francisco Nike 31 facility, listed on the Envirostor and Response databases, was erroneously plotted in the database report approximately 1,000 feet northeast and potentially upgradient of the site. However, the San Francisco Nike 31 facility is located several miles away from the site and, therefore, does not present a concern to the site.

7. FINDINGS, OPINION, AND CONCLUSIONS

7.1 Discussion of Findings

Ramboll's findings, opinions, and conclusions regarding conditions at the site are presented below. The findings of this assessment are classified based on the definitions in the ASTM Standard provided in Section 8 of this report.

According to the database report and as detailed in Section 4.2, the site is not listed with active status on environmental databases that are indicative of a contamination concern. The site is currently not the subject of regulatory scrutiny or enforcement actions related to soil or groundwater conditions, and the current facility operations are not chemically intensive.

Ramboll identified the following findings relating to known and potential site conditions:

- **UST Closure with Known Groundwater Contamination.** According to regulatory records reviewed and prior reports, three gasoline USTs and one waste oil UST were permitted for installation at a former service station on the north-northeast portion of the site in 1962, and a permit was issued for their removal in 1971. Documentation evidencing the USTs removal was not identified nor was a geophysical survey reportedly conducted to indicate their removal. In April and May of 1999, subsurface investigations were completed and eight soil samples and six grab groundwater samples were analyzed for TPHg; BTEX; and MTBE.[4] No analyzed constituents were detected in soil except for xylenes in one sample at 0.019 ppm. TPHg, benzene, and MTBE were not detected in the groundwater samples above laboratory detection levels and toluene, ethylbenzene, and xylenes were identified in one groundwater sample at 0.6 µg/L, 0.9 µg/L, and 3.6 µg/L, respectively. Therefore, a status of NFAR was requested from the city of San Leandro who denied the request due to the presence of recently discovered diesel-impacted soil during a utility excavation in the adjoining Alvarado Street. To be considered for a NFAR determination, additional soil and grab groundwater samples were collected and analyzed in October 1999. The analytical results were reported as non-detect in soil and in five of six groundwater samples with TPHd identified at 1,100 µg/L in one sample (in SB11 installed the farthest from the former service building along Alvarado Street). The one detection of TPHd in groundwater is unlikely to be attributable to the site USTs since diesel fuel was not known to have been stored onsite, and the surrounding groundwater sample locations were non-detect for TPHd. Based on these results, the source of the TPHd appears to be from an off-site property. The site was issued a NFAR status by the city of San Leandro in 1999. Since the location of the former service station is outside the limits of the current and proposed new warehouse, Ramboll characterizes this finding as a *de minimis* condition, provided this area of the site is not redeveloped.
- **Groundwater Contamination Related to Off-Site Sources.** The DWA Plume is a regional groundwater contamination plume that is identified on the Response, Envirostor, Cortese, and Historical Cal-Site databases. The commingled plume is impacted by VOCs, including PCE, TCE, VC, 1,1-DCE, 1,1,1-TCA, 1,1-DCA, chloroform, petroleum-related compounds, and metals from multiple sites that is approximately 1 mile wide and 2 miles long. The plume was historically mapped to include the subject site. The California DTSC reviewed over 170 potential contributors to the DWA Plume and has overseen investigation and remediation activities at PRPs in the area, including the Singer Friden Site, Cintas/DeDomenico Site, and Hudson ICS Site located at least 0.2 mile north-northeast of the site. Two sub-areas of the DWA Plume adjoin the subject site, the

[4] The 1999 investigation did not include soil or groundwater analysis for VOCs other than BTEX and MTBE.

Industrial Data Gap Area to the northeast, and the Residential East and West Areas (adjoining residential areas directly southeast and to the southwest beyond Interstate 880). Grab groundwater sampling conducted within the Industrial Gap area in 1994-1995 included groundwater monitoring wells on the US Can facility and 19 other grab groundwater locations with TCE identified at a concentration of up to 1,000 µg/L at or near the US Can facility (north of the adjoining Prologis complex). Although the historical TCE and PCE distribution maps include the subject site and Industrial Data Gap Area within the DWA Plume extent, the 2022 plume distribution maps do not show the more recent TCE or PCE plumes (defined as contamination levels over 5 µg/L) underlying the subject site, with the TCE and PCE plumes located approximately 1,200 to 1,500 feet to the north-northeast. Within the Residential Areas, data from 1995 to 2022 identified PCE and TCE in groundwater up to 9,800 µg/L and 3,200 µg/L, respectively, approximately 300 to 800 feet south, southeast and southwest of the subject site with no sources identified; and PCE and TCE plumes with concentrations up to 20 µg/L and 230 µg/L, respectively, in the Residential West Area. There are numerous monitoring wells in the Residential Areas and a 2023 Report shows the PCE plume boundary is mapped nearly adjacent to the subject site's southeastern boundary. As discussed above in Section 1, due to the potential migration of VOC contamination within the DWA Plume, this matter represents a REC to the site.

To address this REC and assess potential vapor intrusion risks to building occupants from the potential presence of VOCs in groundwater from the DWA plume, a soil vapor sampling investigation is planned for implementation at the site in April 2025. Soil vapor samples will be collected in accordance with DTSC guidance[5] from up to twelve (12) sub-slab vapor pin locations inside the existing warehouse and up to three (3) soil vapor probes in the parking area, east of the current warehouse and within the footprint of the future new warehouse. Soil vapor samples will be analyzed for VOCs using a mobile lab (by EPA Method 8260B) and/or fixed based laboratory using EPA Method TO-14.

- **Long-Term Commercial and Light-Industrial Use of the Site.** Levitz Furniture occupied the site from the late 1960s to 2005 during which time a rail spur was installed along the southeast portion of the site entering the building. Creosote and other wood preservatives and potential weed control chemicals are commonly associated with railroad tracks. Levitz operated a furniture store with a warehouse and "furniture finishing room" that included the use of relatively small quantities of paints, thinners, glue, and fabric stain repellent, specifically Stainsafe Furniture Guard. Although the chemical composition of the Stainsafe Furniture Guard is unknown, fabric stain retardants may contain PFAS. In addition, Levitz Furniture is listed on regulatory databases for the removal of regulated wastes that included 500 pounds of contaminated soil generated from site cleanups in 1996; no additional detail was identified. Since the existing (and former Levitz Furniture warehouse) is to be demolished and replaced by a new warehouse, it is recommended that a Soil Management Plan be implemented during earth disturbing activities related to construction of the new warehouse.

  DHE conducted on-site truck maintenance activities from 2008 to 2022. Products/wastes stored inside the building included the following: 2,000-gallon new motor oil tank, 1,000-gallon used motor oil tank, two 275-gallon totes of DEF, new and used antifreeze in 55-gallon drums and used batteries stored on a rack. DHE's operations were conducted during a time period when robust environmental regulations were in place regarding chemical handling and waste management. As such, Ramboll characterizes this finding as a *de minimis* condition, provided the site use remains

[5] DTSC 2015. Advisory for Active Soil Gas Investigations. July.

industrial and a Soil Management Plan is implemented during earth disturbing activities related to construction of the new warehouse.

- **Past Use of Site for Agricultural Purposes.** The property was historically used for agricultural purposes from at least 1939 up to the early 1960s. While it is possible that small amounts of agricultural chemicals or petroleum products may have been used or stored at the site in the past, Ramboll has not identified any evidence of known or suspected past releases. If residual concentrations of agricultural chemicals are present, it is unlikely that they would be the subject of regulatory scrutiny in the context of a non-residential land-use scenario, particularly given that the site has already been redeveloped for its current non-residential use. As such, Ramboll characterizes this finding as a *de minimis* condition, provided the site use remains industrial.
- **Limited Pavement and Floor Staining.** Ramboll observed areas of exterior pavement and interior flooring where oil stains were apparent. A few surface stains were observed on the concrete floor in the storage room used by K&C Environmental that appeared to be less than 2 square feet in size each. In addition, there is a floor drain in the corner of this room that was stained with an oil funnel stored on top with several small containers of product oil on and near the drain. According to site personnel, used oil is placed in five-gallon containers and transported for off-site processing and no used oil or product oil is reportedly discharged down this drain. Several oil-stained areas were also observed on the southwest portion of the site in the areas used by K&C Environmental, including one front loader parked on oil-soaked plywood. The majority of these stains are less than 2 square feet in size and do not appear to extend to stormwater drains or unpaved surfaces. As such, Ramboll considers this matter to represent a *de minimis* condition.

7.2 Analysis of Data Gaps

The ASTM Standard defines a data gap as “a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.” A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on SDGs.

Limiting conditions and deviations to the ASTM Standard for the assessment are discussed below.

- Site representatives did not have current contact information for representatives of former site owners/occupants. As such, Ramboll was unable to interview former owners/occupants about historical operations and site conditions. However, Ramboll conducted an interview with an owner representative and reviewed other historical sources regarding former uses of the site.
- Historical information, such as aerial photographs, was not readily available to characterize the site from the present back to the site’s obvious first developed use or 1940, whichever is earlier. The earliest readily available historical source that would indicate specific site uses is a 1939 aerial photograph which shows that at least a portion of the site was already developed for agricultural uses. ASTM defines agricultural site use as a “developed” site use.
- Ramboll did not observe the roof of the building due to access and safety constraints.
- Ramboll was not able to observe portions of the site along the northern and northeastern portions of the site due to dense vegetation (including fallen leaves).
- Ramboll requested from the User a search for environmental liens or AULs associated with the site, dating back to 1980. A lien/AUL search report has not been provided.

None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above is considered to represent SDGs.

8. ASTM DEFINITIONS

The following definitions are presented in the ASTM Standard:

REC - Recognized Environmental Condition:

(1) The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

CREC - Controlled Recognized Environmental Condition:

A REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).

HREC - Historical Recognized Environmental Condition:

A previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

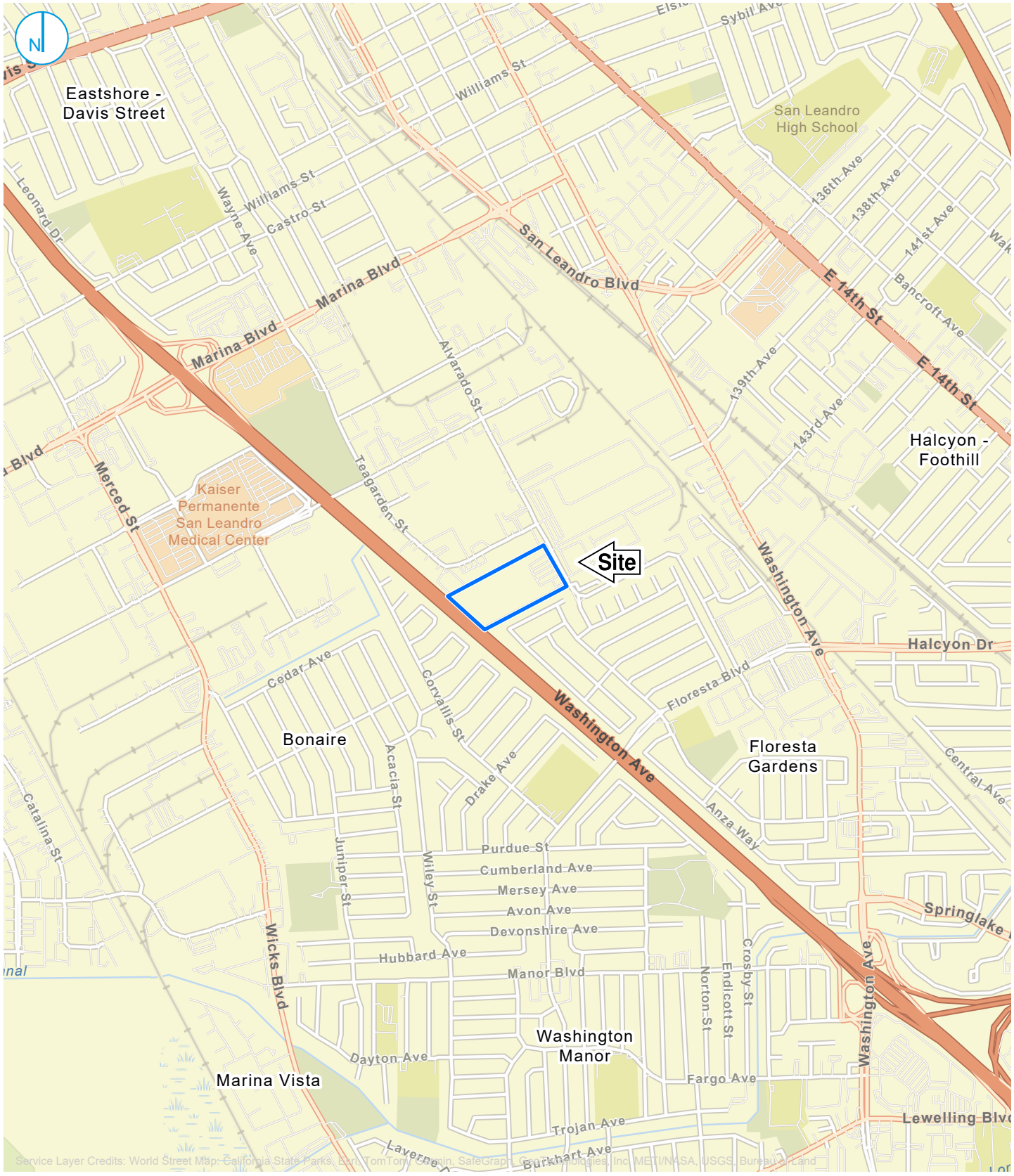
***De Minimis* Condition:**

A condition related to a release that generally does not present a threat to human 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.

Data Gap / Significant Data Gap:

A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap that affects the ability of the environmental professional to identify a REC is considered a significant data gap.

FIGURES



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PROJECT: 169000XXXX | DATED: 12/12/2024 | DESIGNER: RMSO



KEY MAP

LEGEND

Approximate Site Boundary

Map Scale: 1:1:24,000;
Map Center: 122°9'13"W 37°42'13"N

0 1,000 2,000 Feet

SITE LOCATION MAP

3199 Alvarado Street
San Leandro, California

FIGURE 1

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL



EXPLANATION:

1 - Rail Spur
2 - Mobile Office/Storage
3 - K&C Storage Room
4 - Loading Dock with Overhang
5 - K&C Exterior Storage
6 - Former Service Station
7 - Reported Private Water Well

0 125 250 Feet

SITE LAYOUT

3199 Alvarado Street
San Leandro, California

FIGURE 2

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

APPENDIX A

SITE PHOTOGRAPHS



Photo 1: Northeast portion of the site showing the main parking lot and front of the building, looking west-southwest.



Photo 2: Rail spur and paved area on the southeast side of the site, looking west.

RAMBOLL

Site Photographs
3199 Alvarado Street
San Leandro, California
December 2024



Photo 3: Northwest and northeast sides of the building, looking south



Photo 4: Northwest side of the site, looking southwest.



Photo 5: General west-southwest side of the site, looking south-southeast.



Photo 6: Southwestern portion of the site used by K&C Environmental for equipment maintenance and storage.



Photo 7: South portion of the site partially used by K&C Environmental for storage, looking southwest.

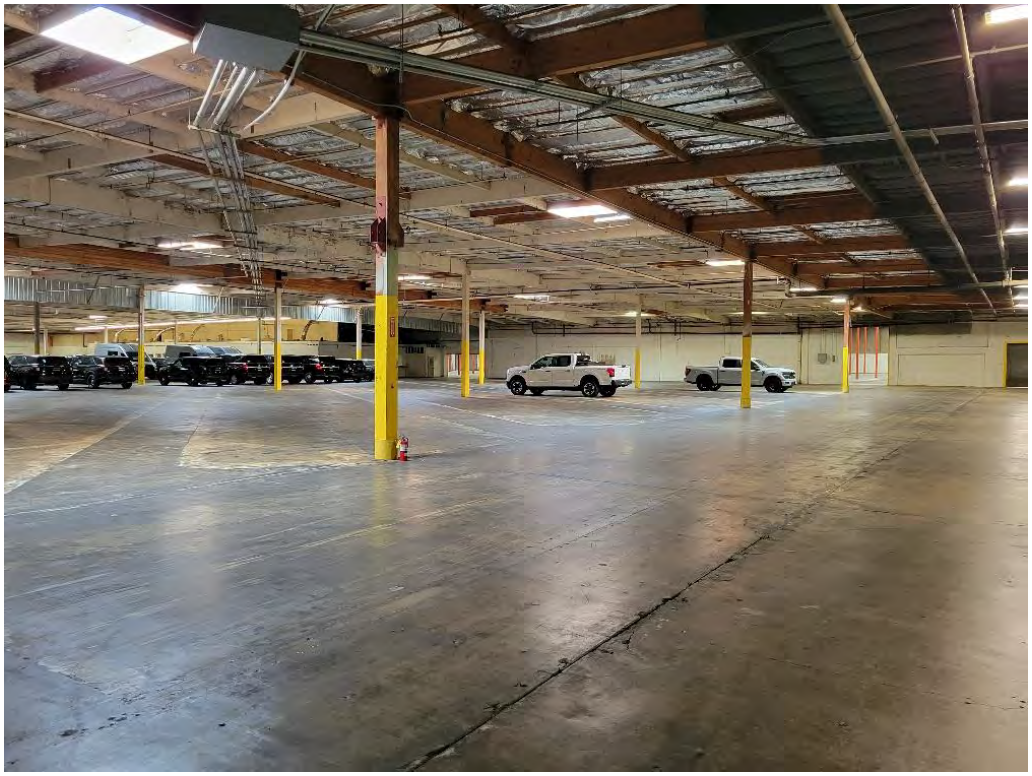

Photo 8: Original western portion of the building.

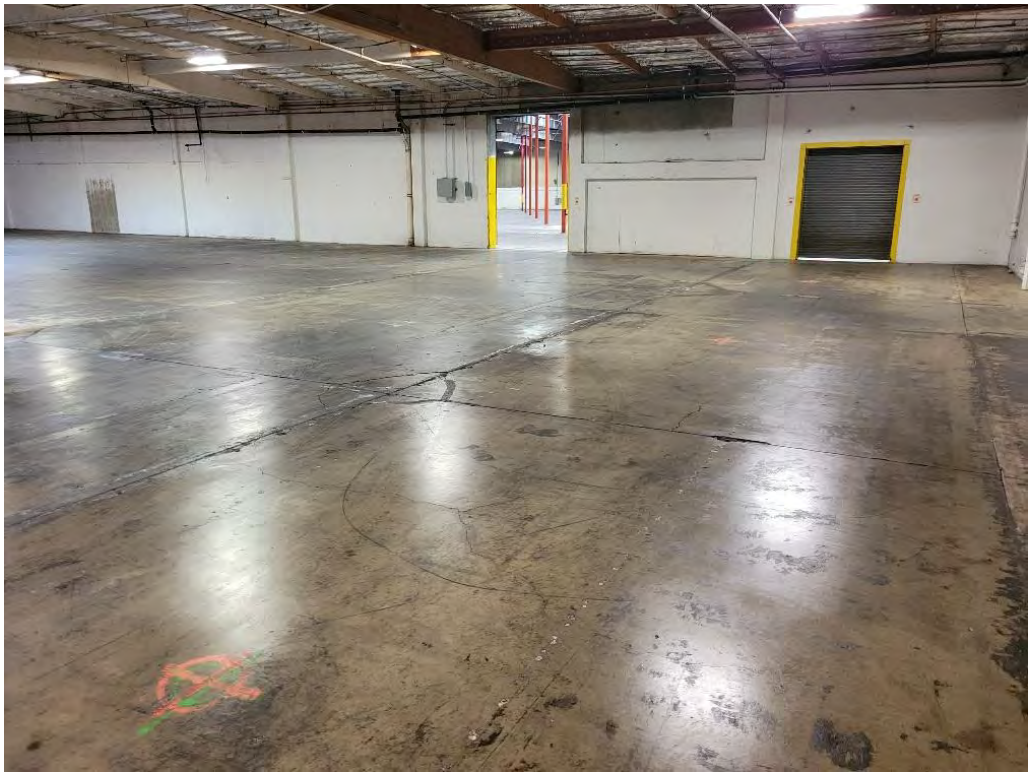

Photo 9: Marked boring locations near the center of the building.

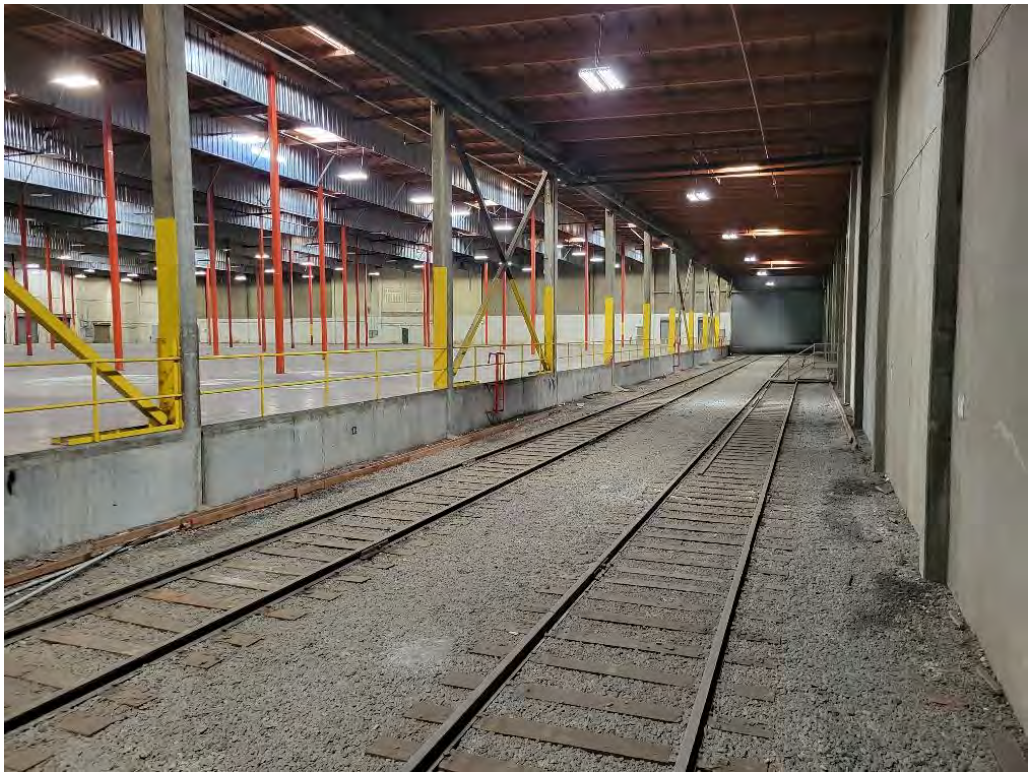

Photo 10: View of the rail spur and warehouse area in the expanded eastern portion of the building.



Photo 11: K&C Environmental storage room attached to the southern corner of the building.



Photo 12: Stained floor drain in K&C Environmental's storage room.



Photo 13: Several small oil stains, typical throughout the exterior area used by K&C Environmental.



Photo 14: Oil-stained pavement and steel plate underlayment beneath K&C Environmental's equipment on the west-southwest portion of the site.

APPENDIX B

ENVIRONMENTAL DATABASE REPORT

NOTES ON ENVIRONMENTAL DATABASE REPORT

The third-party provider conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology “approximate minimum search distance” to refer to the radii searched in the environmental database report.

Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

3199 Alvarado Avenue
3199 Alvarado Avenue
San Leandro, CA 94578

Inquiry Number: 07832581.2r
November 25, 2024

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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Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
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Physical Setting Source Records Searched	PSGR-1

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 (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3199 ALVARADO AVENUE
SAN LEANDRO, CA 94578

COORDINATES

Latitude (North):	37.7036780 - 37° 42' 13.24''
Longitude (West):	122.1533930 - 122° 9' 12.21''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	574630.4
UTM Y (Meters):	4173070.5
Elevation:	31 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50005406 SAN LEANDRO, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200526
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3199 ALVARADO AVENUE
SAN LEANDRO, CA 94578

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	1X LEVITZ FURNITURE	3199 ALVARADO ST	HWTS, HAZNET		TP
A2	DEPENDABLE HIGHWAY E	3199 ALVARADO ST	HWTS, NPDES, CIWQS		TP
A3	DEPENDABLE HIGHWAY E	3199 ALVARADO ST	ECHO		TP
A4		3199 ALVARADO ST.	CHMIRS		TP
A5	DHX-DEPENDABLE HAWAI	3199 ALVARADO ST	HWTS, HAZNET		TP
A6	1X LEVITZ	3199 ALVARADO STREET	HWTS, HAZNET		TP
A7	TREMCO INC.	3199 ALVARADO RD	RCRA-SQG		TP
A8	TREMCO INC.	3199 ALVARADO RD	FINDS, ECHO		TP
A9	LEVITZ	3199 ALVARADO STREET	HWTS, HAZNET		TP
A10	LEVITZ FURNITURE	3199 ALVARADO ST	HWTS, HAZNET		TP
A11	TREMCO INC.	3199 ALVARADO ST	HWTS, HAZNET		TP
A12	DEPENDABLE HIGHWAY E	3199 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST		TP
A13	3199 ALVARADO STREET	3199 ALVARADO STREET	HMIRS		TP
A14	DEPENDABLE HIGHWAY E	3199 ALVARADO ST	HWTS, HAZNET		TP
B15	STANDARD T CHEMICAL	3016 ALVARADO STREET	RCRA-SQG, FINDS, ECHO	Higher	93, 0.018, NE
B16	DEPENDABLE HIGHWAY E	3012 ALVARADO ST	RCRA NonGen / NLR	Higher	98, 0.019, NE
B17	DHE	3012 ALVARADO STREET	RCRA NonGen / NLR, E MANIFEST	Higher	98, 0.019, NE
B18	UNISOURCE	3004 ALVARADO ST	RCRA-SQG, FINDS, ECHO	Higher	107, 0.020, NNE
B19	STANDARD T CHEMICAL		PFAS ECHO	Higher	171, 0.032, NNE
B20	MONTGOMERY WARD	3000 ALVARADO	UST FINDER RELEASE	Higher	193, 0.037, NNE
B21	MONTGOMERY WARD AND	3000 ALVARADO STREET	HIST UST	Higher	193, 0.037, NNE
B22	MONTGOMERY WARD & CO	3000 ALVARADO ST	HIST UST	Higher	193, 0.037, NNE
B23	MONTGOMERY WARD & CO	3000 ALVARADO ST	LUST, HIST UST, HIST CORTESE, CERS	Higher	193, 0.037, NNE
B24	MONTGOMERY WARD	3000 ALVARADO	LUST, Cortese	Higher	193, 0.037, NNE
C25	AMPECO	3051 TEAGARDEN ST	RCRA-SQG, FINDS, ECHO	Higher	201, 0.038, NW
C26	FARMER BROS CO	3041 TEA GARDEN	RCRA-SQG	Higher	201, 0.038, WNW
C27	PRO COLORFLEX INK CO	3053 TEAGARDEN ST	CERS HAZ WASTE, HWTS, HAZNET, CERS	Higher	217, 0.041, NW
28	SODAGLASS, INC		PFAS ECHO	Higher	262, 0.050, North
C29	UPS GROUND FREIGHT I	3050 TEAGARDEN ST	CERS HAZ WASTE, HWTS, HAZNET, CERS	Higher	333, 0.063, NNW
C30	UPS FREIGHT - SAN LE	3050 TEAGARDEN STREE	AST	Higher	333, 0.063, NNW
C31	TEAGARDEN FREIGHT TE	3050 TEAGARDEN ST	SWEEPS UST, HIST UST, CA FID UST, EMI, NPDES, WDS,...	Higher	333, 0.063, NNW
C32	BROWN TRANSPORT CO.	3050 TEAGARDEN ST	HIST UST	Higher	333, 0.063, NNW
C33	VIKING FREIGHT SYSTE	3050 TEAGARDEN STREE	UST	Higher	333, 0.063, NNW
C34	DUNITZ & STERN	3050 TEAGARDEN	LUST, Cortese, CERS	Higher	333, 0.063, NNW
C35	UNITED PARCEL SERVIC	3050 TEAGARDEN ST	RCRA-SQG, E MANIFEST	Higher	333, 0.063, NNW
C36	DUNITZ & STERN	3050 TEAGARDEN	UST FINDER RELEASE	Higher	333, 0.063, NNW
D37	GNB INC	2993 TEAGARDEN ST	RCRA-SQG, FINDS, ECHO	Lower	342, 0.065, WNW
38	COSMOPROF 8688	853 FREMONT AVE	RCRA NonGen / NLR	Higher	372, 0.070, East
E39	EXCHANGE, INC.	3055 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	391, 0.074, NNE

MAPPED SITES SUMMARY

Target Property Address:
3199 ALVARADO AVENUE
SAN LEANDRO, CA 94578

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	SHASTA LABORATORY IN	2974 TEAGARDEN ST	RCRA-VSQG, E MANIFEST	Higher	433, 0.082, WNW
D41	VISION ISLE	2972 TEAGARDEN ST	RCRA NonGen / NLR	Higher	433, 0.082, WNW
D42	DURA STRIP OF SAN LE	2996 TEAGARDEN ST	RCRA-SQG, FINDS, ECHO	Higher	433, 0.082, WNW
D43	PERFECT REFLECTIONS	2954 TEAGARDEN ST	RCRA-SQG, FINDS, ECHO, HWTS, HAZNET	Higher	433, 0.082, WNW
D44	CID ENTERPRISES LLC	2974 TEAGARDEN ST	RCRA NonGen / NLR, E MANIFEST	Higher	433, 0.082, WNW
D45	DOHERTY N DUNNE	2972 TEAGARDEN	RCRA-SQG, FINDS, ECHO	Higher	433, 0.082, WNW
D46	CID ENTERPRISES LLC	2974 TEAGARDEN ST	CERS HAZ WASTE, HWTS, HAZNET, CERS	Higher	433, 0.082, WNW
F47	VELMA MURPHY	1216 DARTMOUTH AVE	RCRA NonGen / NLR	Lower	535, 0.101, SW
E48	BEST BUY DELIVERY PA	2998 ALVARADO ST UNI	RCRA NonGen / NLR, E MANIFEST	Higher	553, 0.105, NNE
E49	BEST BUY #2602	2998 ALVARADO ST UNI	CERS HAZ WASTE, CERS	Higher	553, 0.105, NNE
E50	INTERNET PACKAGING S	2992D ALVARADO ST.	RCRA NonGen / NLR	Higher	566, 0.107, NNE
E51	INTERNET PACKAGING S	2992 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	566, 0.107, NNE
G52	EVA RODRIGUEZ	14216 CORVALLIS STRE	RCRA NonGen / NLR	Lower	597, 0.113, WSW
E53	NUMARK TRANSPORTATIO	2976 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	600, 0.114, North
E54	RODGERS TRUCKING CO.	2972 -H ALVARADO STR	RCRA NonGen / NLR, E MANIFEST	Higher	608, 0.115, North
E55	EARTHSOL LLC	2964 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	624, 0.118, North
F56	BATES, SAM	1220 OTTAWA AVENUE	RCRA NonGen / NLR, E MANIFEST	Lower	629, 0.119, SSW
57	SAMUEL BINGHAM COMPA		PFAS ECHO	Higher	645, 0.122, East
G58	SANCHEZ, BEATRICE 45	ASBURY COURT	RCRA NonGen / NLR, E MANIFEST	Lower	650, 0.123, West
H59	PETERSON POWER SYSTE	2828 TEAGARDEN STREE	RCRA-LQG, E MANIFEST	Lower	968, 0.183, WNW
H60	PETERSON POWER SYSTE	2828 TEAGARDEN ST	AST	Lower	968, 0.183, WNW
H61	PETERSON POWER SYSTE	2828 TEAGARDEN STREE	HIST UST, HAZNET, CERS	Lower	968, 0.183, WNW
H62	PETERSON POWER SYSTE	2828 TEAGARDEN ST	CERS HAZ WASTE, HIST UST, CERS TANKS, HWTS,...	Lower	968, 0.183, WNW
I63	GEORGIA PACIFIC CORR	2800 ALVARADO	RCRA-SQG, E MANIFEST	Higher	975, 0.185, North
I64	GEORGIA-PACIFIC CORR	2800 ALVARADO ST	CERS HAZ WASTE, CERS TANKS, CERS	Higher	975, 0.185, North
I65	GEORGIA-PACIFIC CORR	2800 ALVARADO STREET	AST, EMI	Higher	975, 0.185, North
I66	WESTERN KRAFT PAPER	2800 ALVARADO ST	HIST UST	Higher	975, 0.185, North
I67	WESTERN KRAFT PAPER	2800 ALVARADO ST	SWEEPS UST, CA FID UST, WDS, CIWQS, CERS	Higher	975, 0.185, North
I68	WILLAMETTE INDUSTRIE	2800 ALVARADO	LUST, Cortese, HIST CORTESE, NPDES, CERS	Higher	975, 0.185, North
I69	WILLAMETTE INDUSTRIE	2800 ALVARADO	UST FINDER RELEASE	Higher	975, 0.185, North
H70	ACME PRINTING INK CO	2785 TEAGARDEN ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	978, 0.185, WNW
H71	RS NEXGEN LLC	2785 TEAGARDEN ST	CERS HAZ WASTE, HWTS, HAZNET, CERS	Lower	978, 0.185, WNW
H72	RS NEXGEN LLC	2785 TEAGARDEN ST	RCRA NonGen / NLR, E MANIFEST	Lower	978, 0.185, WNW
H73	RS NEXGEN LLC		PFAS ECHO	Lower	989, 0.187, WNW
J74	AMARAL SAUSAGE	735 FREMONT AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	998, 0.189, ENE
J75	AMARAL SAUSAGE	735 FREMONT AVE	UST FINDER RELEASE	Higher	998, 0.189, ENE
76	SAN FRANCISCO NIKE 3		RESPONSE, ENVIROSTOR	Higher	1001, 0.190, NNE
K77	EDITH BASBAS	3597 CARRILLO DRIVE	RCRA NonGen / NLR, E MANIFEST	Lower	1067, 0.202, SE
I78	VIKING COMMODITY INC	2851 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	1130, 0.214, North

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H79	THE COLLISION CENTER	2763 TEAGARDEN ST	RCRA-SQG	Lower	1150, 0.218, WNW
H80	COOKS COLLISION OF S	2763 TEAGARDEN ST	RCRA NonGen / NLR, E MANIFEST	Lower	1150, 0.218, WNW
H81	RON ERICKSEN/CONTROL	2763 TEAGARDEN ST	CERS HAZ WASTE, EMI, HWTS, HAZNET	Lower	1150, 0.218, WNW
H82	CALIBER COLLISION CE	2763 TEAGARDEN ST	RCRA NonGen / NLR, E MANIFEST	Lower	1150, 0.218, WNW
H83	COOKS COLLISION, AN	2763 TEAGARDEN ST	RCRA NonGen / NLR, E MANIFEST	Lower	1150, 0.218, WNW
K84	FREDERICK LOUIE	971 ARGUELLO DRIVE	RCRA NonGen / NLR	Lower	1169, 0.221, SE
I85	GEORGE OREN TIRE SPE	2823 ALVARADO ST	RCRA NonGen / NLR, E MANIFEST	Higher	1203, 0.228, North
L86	AGRIBAG		PFAS ECHO	Lower	1276, 0.242, West
M87	S&S BUILDING SUPPLY	701 FREMONT	UST FINDER RELEASE	Higher	1335, 0.253, ENE
M88	S & S BUILDING SUPPL	701 FREMONT	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	1335, 0.253, ENE
N89	U. S. CAN COMPANY SI	2756 ALVARADO STREET	RESPONSE, ENVIROSTOR, HIST Cal-Sites, EMI	Higher	1374, 0.260, North
N90	UNITED STATES CAN CO	2756 ALVARADO	Notify 65	Higher	1374, 0.260, North
L91	FACTOR AVENUE PLUME	1465 FACTOR AVENUE	CA BOND EXP. PLAN	Lower	1472, 0.279, West
L92	LINCOLN PROPERTIES	1465 FACTOR ST	SEMS-ARCHIVE	Lower	1472, 0.279, West
L93	SIMMONS - SOILS	1465 FACTOR AVENUE/1	RESPONSE, ENVIROSTOR	Lower	1472, 0.279, West
L94	SIMMONS - SOILS	1465 FACTOR AVENUE/1	HIST CORTESE	Lower	1472, 0.279, West
O95	BONAIR AUTO REPAIR	1380 OTTAWA ST	LUST, Cortese, HIST CORTESE, CERS	Lower	1476, 0.280, SSW
O96	BONAIR AUTO REPAIR	1380 OTTAWA ST	UST FINDER RELEASE	Lower	1476, 0.280, SSW
N97	BICOASTAL PROPERTIES	2711 ALVARADO	UST FINDER RELEASE	Higher	1549, 0.293, NNW
N98	BICOASTAL PROPERTIES	2711 ALVARADO ST	LUST, Alameda County CS, Cortese, HIST CORTESE,...	Higher	1549, 0.293, NNW
P99	PENSKE TRUCK LEASING	2709 TEAGARDEN	UST FINDER RELEASE	Lower	1550, 0.294, NW
P100	PENSKE TRUCK LEASING	2709 TEAGARDEN ST	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Lower	1550, 0.294, NW
101	TRW	820 ALADDIN AVE	CPS-SLIC, CERS	Higher	1586, 0.300, NNW
Q102	SAN LEANDRO USD	1145 ALADDIN AVE	LUST, SWEEPS UST, HIST UST, CA FID UST, Cortese,...	Higher	1671, 0.316, NW
Q103	SAN LEANDRO USD	1145 ALADDIN AVE	UST FINDER RELEASE	Higher	1671, 0.316, NW
R104	ALADDIN HEATING CORP	1111 ALADDIN AVE	RCRA-SQG, LUST, SWEEPS UST, HIST UST, CA FID UST,...	Higher	1698, 0.322, NW
R105	ALADDIN MECHANICAL	1111 ALADDIN AVE	UST FINDER RELEASE	Higher	1698, 0.322, NW
S106	SAN LEANDRO DISPOSAL	610 ALADDIN AVE	SWF/LF, HWTS	Higher	1741, 0.330, NNE
S107	ALAMEDA COUNTY INDUS	610 ALADDIN AVE	SWF/LF, HAULERS, CERS HAZ WASTE, ICE, NPDES,...	Higher	1741, 0.330, NNE
S108	ALAMEDA COUNTY INDUS	610 ALADDIN AVE	PROC, CIWQS	Higher	1741, 0.330, NNE
T109	TRANSCON LINES	601 ALADDIN AVE	RESPONSE, ENVIROSTOR, LUST, CERS HAZ WASTE, SWEEPS...	Higher	1887, 0.357, North
T110	TRANSCON LINES	601 ALADIN AVENUE	Notify 65	Higher	1887, 0.357, North
T111	TRANSCON LINES	601 ALADDIN AVE	UST FINDER RELEASE	Higher	1887, 0.357, North
T112	ACI BULKY ITEM SORTI	601 ALLADIN AVE.	SWF/LF	Higher	1887, 0.357, North
U113	UNITED VAN LINES	1717 FAIRWAY DR	UST FINDER RELEASE	Lower	1995, 0.378, WNW
U114	UNITED VAN LINES	1717 FAIRWAY DR	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Lower	1995, 0.378, WNW
V115	295 139TH AVE	295 139TH AVE	Alameda County CS	Higher	2093, 0.396, NE
V116	295 139TH AVENUE	295 139TH AVENUE	CPS-SLIC, CERS	Higher	2093, 0.396, NE
W117	MORGAN BROTHERS PATI	14305 WASHINGTON BLV	UST FINDER RELEASE	Higher	2154, 0.408, ENE

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3199 ALVARADO AVENUE
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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
W118	MORGAN BROTHERS PATI	14305 WASHINGTON BLV	LUST, Cortese, HIST CORTESE, CERS	Higher	2154, 0.408, ENE
X119	SAN LEANDRO RENTAL	14273 WASHINGTON AVE	UST FINDER RELEASE	Higher	2164, 0.410, ENE
X120	APOLLO MOTORHOME HOL	14273 WASHINGTON AVE	LUST, HIST CORTESE, HWTS, HAZNET, CERS	Higher	2164, 0.410, ENE
X121	SAN LEANDRO RENTAL	14273 WASHINGTON AVE	Cortese, HWTS, HAZNET	Higher	2164, 0.410, ENE
X122	SAN LEANDRO RENTAL	14273 WASHINGTON AVE	LUST, SWEEPS UST, HWTS, WDS, CIWQS	Higher	2164, 0.410, ENE
Y123	ROGERS TRUCKING	14327 WASHINGTON	LUST, Cortese, HIST CORTESE, NPDES, CERS	Higher	2213, 0.419, ENE
Y124	ROGERS TRUCKING	14327 WASHINGTON	UST FINDER RELEASE	Higher	2213, 0.419, ENE
125	DANA CORPORATION	2799 MILLER STREET	RESPONSE, ENVIROSTOR, HIST Cal-Sites, CERS	Lower	2239, 0.424, West
Z126	SAAG WAREHOUSE	1799 FACTOR AVE	UST FINDER RELEASE	Lower	2276, 0.431, West
Z127	SAAG WAREHOUSE	1799 FACTOR AVE	LUST, SWEEPS UST, HIST UST, CA FID UST, Cortese,...	Lower	2276, 0.431, West
X128	LARSON BROTHERS LUMB	14200 WASHINGTON AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	2285, 0.433, ENE
X129	LARSON BROTHERS LUMB	14200 WASHINGTON AVE	UST FINDER RELEASE	Higher	2285, 0.433, ENE
AA130	STELLA D'ORO BISCUIT	1000 MONTAGUE AVE	LUST, HIST UST, HIST CORTESE, NPDES, CIWQS, CERS	Higher	2304, 0.436, NNW
W131	PALACE GARAGE	14336 WASHINGTON AVE	UST FINDER RELEASE	Higher	2317, 0.439, ENE
W132	PALACE GARAGE	14336 WASHINGTON AVE	LUST, Alameda County CS, Cortese, HIST CORTESE,...	Higher	2317, 0.439, ENE
Y133	STEELFORM CONTRACTIN	14340 WASHINGTON AVE	UST FINDER RELEASE	Higher	2358, 0.447, East
Y134	STEELFORM CONTRACTIN	14340 WASHINGTON AVE	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Higher	2358, 0.447, East
AB135	STELLA D'ORO BISCUIT	1000 MONTAGUE AVE	UST FINDER RELEASE	Higher	2412, 0.457, NNW
AB136	STELLA D'ORO BISCUIT	1000 MONTAGUE AVE	LUST, Cortese	Higher	2412, 0.457, NNW
AC137	RAINBO DISTRIBUTORS	828 MONTAGUE AVE	UST FINDER RELEASE	Higher	2416, 0.458, NNW
AC138	RAINBO DISTRIBUTORS	828 MONTAGUE AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	2416, 0.458, NNW
AD139	WELLS FARGO BANK	1188 MONTAGUE AVE	UST FINDER RELEASE	Higher	2418, 0.458, NW
AD140	WELLS FARGO BANK	1188 MONTAGUE AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	2418, 0.458, NW
AA141	NOVA INDUSTRIES INC	999 MONTAGUE AVENUE	RCRA-SQG, FINDS, ECHO, EMI, HIST CORTESE, CERS	Higher	2453, 0.465, NNW
AE142	VAN BOKKELEN & SONS	688 - 700 MONTAGUE A	LUST, Cortese, HIST CORTESE, Notify 65, CERS	Higher	2453, 0.465, North
AE143	VAN BOKKELEN & SONS	688 - 700 MONTAGUE A	UST FINDER RELEASE	Higher	2453, 0.465, North
AC144	CONTINENTAL BAKING C	833 MONTAGUE AVE	UST FINDER RELEASE	Higher	2455, 0.465, NNW
AC145	CONTINENTAL BAKING C	833 MONTAGUE AVE	LUST, Cortese, HIST CORTESE, CERS	Higher	2455, 0.465, NNW
AC146	EVERGREEN	797 MONTAGUE AVE	UST FINDER RELEASE	Higher	2458, 0.466, NNW
AC147	EVERGREEN	797 MONTAGUE AVE	LUST, Cortese	Higher	2458, 0.466, NNW
AC148	EVERGREEN	797 MONTAGUE AVE	LUST, HIST UST, HIST CORTESE, CERS	Higher	2458, 0.466, NNW
149	OLIVER WIRE AND PLAT	555 MONTAGUE AVE	RCRA-SQG, CPS-SLIC, FINDS, ECHO, PFAS, CHROME...	Higher	2538, 0.481, North
AC150	ALTNOW DEVELOPMENT	2595 ALVARADO ST	UST FINDER RELEASE	Higher	2565, 0.486, NNW
AC151	ALTNOW DEVELOPMENT	2595 ALVARADO ST	LUST, HIST UST, Cortese, CERS	Higher	2565, 0.486, NNW
AD152	WELLS FARGO BANK	2500 TEAGARDEN ST	UST FINDER RELEASE	Higher	2596, 0.492, NW
AD153	WELLS FARGO BANK	2500 TEAGARDEN ST	LUST, SWEEPS UST, Cortese, HIST CORTESE, CERS	Higher	2596, 0.492, NW
154	HUDSON	400 HUDSON LN	LUST, Alameda County CS, HIST UST, Cortese, HIST...	Higher	2640, 0.500, NNE
AF155	CINTAS/DEDOMINICO SI	777 139TH AVENUE	HIST Cal-Sites, EMI, CERS	Higher	2746, 0.520, NE
AF156	CINTAS CORPORATION	777 139TH AVE	RESPONSE, ENVIROSTOR, LUST, SWEEPS UST, CA FID...	Higher	2746, 0.520, NE

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AF157	ONE HUNDRED THIRTY-N	750 139TH STREET	CA BOND EXP. PLAN	Higher	2776, 0.526, NE
158	DWA PLUME	SAN LEANDRO (GROUNDW	RESPONSE, ENVIROSTOR, HIST Cal-Sites, Cortese	Higher	2867, 0.543, NE
159	STAEFA CONTROL SYSTE	2481 SAN LEANDRO BOU	ENVIROSTOR, VCP, HWTS, HAZNET	Higher	3016, 0.571, NNE
AG160	WASTE OIL RECOVERY S	2411 WASHINGTON AVE	ENVIROSTOR, HWTS, HAZNET	Higher	3266, 0.619, NNE
161	CENTURY PLATING COMP	1124 139TH AVENUE	RESPONSE, ENVIROSTOR, HIST Cal-Sites, LIENS, HIST...	Higher	3277, 0.621, NE
AG162	SINGER FRIDEN	2350 AND 2450 WASHIN	RESPONSE, ENVIROSTOR, HIST Cal-Sites, Cortese,...	Higher	3349, 0.634, NNE
163	LERNER PROCESSING LA	14333 WICKS BOULEVAR	ENVIROSTOR	Lower	3446, 0.653, WSW
164	YOKOTA NURSERY	467 MARINA BOULEVARD	ENVIROSTOR, VCP, HWTS, HAZNET	Higher	3493, 0.662, North
165	PETERSON TRACTOR COM	955 MARINA	ENVIROSTOR, LUST, Alameda County CS, Cortese, ENF,...	Higher	3650, 0.691, NNW
AH166	SINGER-FRIDEN SITE	2350 WASHINGTON AVE	Notify 65	Higher	3669, 0.695, NNE
AH167	SINGER - FRIDEN SITE	2350 WASHINGTON AVE	Notify 65	Higher	3669, 0.695, NNE
168	2054-2070 BURROUGHS	2054-2070 BURROUGHS	ENVIROSTOR	Lower	4091, 0.775, WSW
169	GM TRAINING CENTER	1444 MARINA	LUST, Alameda County CS, Cortese, Notify 65, CERS	Higher	4124, 0.781, NW
170	SAFEWAY PRESERVES PL	111 MARINA	Notify 65	Lower	4394, 0.832, WNW
171	COCA-COLA USA	2080 PIKE AVENUE	ENVIROSTOR	Lower	4556, 0.863, SW
AI172	US INK CORPORATION	14465 GRIFFITH STREE	AST, EMI, HWP, CIWQS, CERS	Lower	4820, 0.913, WSW
AI173	US INK A DIVISION OF	14465 GRIFFITH STREE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,...	Lower	4820, 0.913, WSW
AI174	US INK A DIV OF SUN	14465 GRIFFITH STREE	ENVIROSTOR	Lower	4820, 0.913, WSW
175	FORD STAGING SITE (9	13900 14TH STREET	ENVIROSTOR, SCH	Higher	4826, 0.914, NE
176	J P METAL FINISHING	1870 ALVARADO STREET	ENVIROSTOR	Higher	4894, 0.927, NNW
177	LATCHFORD GLASS	1940 FAIRWAY DRIVE	ENVIROSTOR, ENF	Lower	4970, 0.941, WSW
178	INGERSOLL-RAND EQUIP	1944 MARINA BOULEVAR	Notify 65	Lower	5106, 0.967, WNW

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
1X LEVITZ FURNITURE 3199 ALVARADO ST SAN LAENDRO, CA 94577	HWTS HAZNET GEPAID: CAP999001409	N/A
DEPENDABLE HIGHWAY E 3199 ALVARADO ST SAN LEANDRO, CA 90023	HWTS NPDES CIWQS	N/A
DEPENDABLE HIGHWAY E 3199 ALVARADO ST SAN LEANDRO, CA 94577	ECHO Registry ID: 110057097467	N/A
3199 ALVARADO ST. 3199 ALVARADO ST. SAN LEANDRO, CA 94545	CHMIRS OES Incident Number: 1-1136	N/A
DHX-DEPENDABLE HAWAI 3199 ALVARADO ST SAN LEANDRO, CA 94577	HWTS HAZNET GEPAID: CAC002759351	N/A
1X LEVITZ 3199 ALVARADO STREET SAN LEANDRO, CA 94577	HWTS HAZNET GEPAID: CAC000239665	N/A
TREMCO INC. 3199 ALVARADO RD SAN LEANDRO, CA 94577	RCRA-SQG EPA ID:: CAR000203406	CAR000203406
TREMCO INC. 3199 ALVARADO RD SAN LEANDRO, CA 94577	FINDS Registry ID:: 110040106685 Registry ID:: 110057097467 ECHO Registry ID: 110040106685	N/A
LEVITZ 3199 ALVARADO STREET SAN LEANDRO, CA 94577	HWTS HAZNET GEPAID: CAC001162200	N/A
LEVITZ FURNITURE 3199 ALVARADO ST SAN LEANDRO, CA 94577	HWTS HAZNET	N/A

	GEPAID: CAC001489512	
TREMCO INC. 3199 ALVARADO ST SAN LEANDRO, CA 94577	HWTS HAZNET GEPAID: CAR000203406	N/A
DEPENDABLE HIGHWAY E 3199 ALVARADO ST SAN LEANDRO, CA 94577	RCRA NonGen / NLR EPA ID:: CAL000348836 E MANIFEST	CAL000348836
3199 ALVARADO STREET 3199 ALVARADO STREET SAN LEANDRO, CA	HMIRS	N/A
DEPENDABLE HIGHWAY E 3199 ALVARADO ST SAN LEANDRO, CA 94577	HWTS HAZNET GEPAID: CAL000348836	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 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 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
VCP ---- Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

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

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
ODI ---- Open Dump Inventory
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Land Records

LIENS ---- Environmental Liens Listing

LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
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
US FIN ASSUR	Financial Assurance Information
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
MINES MRDS	Mineral Resources Data System
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS NPDES	Clean Water Act Discharge Monitoring Information

EXECUTIVE SUMMARY

PFAS PROJECT ---- NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS ECHO FIRE TRAIN ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
UST FINDER ---- UST Finder Database
PFAS ---- PFAS Investigation Site Location Listing
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- Inspection, Compliance and Enforcement
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
HAZMAT ---- Hazardous Material Facilities
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

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 CERCLA sites with NFRAP

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 09/25/2024 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINCOLN PROPERTIES Site ID: 0902255 EPA Id: CAD981159064	1465 FACTOR ST	W 1/4 - 1/2 (0.279 mi.)	L92	611

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 06/03/2024 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
US INK A DIVISION OF EPA ID:: CAT000646364	***14465 GRIFFITH STREE***	***WSW 1/2 - 1 (0.913 mi.)***	***AI173***	***1283***

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 06/03/2024 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETERSON POWER SYSTE EPA ID:: CAD981583172	***2828 TEAGARDEN STREE***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H59***	***310***

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 06/03/2024 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STANDARD T CHEMICAL EPA ID:: CAD046410833	***3016 ALVARADO STREET***	***NE 0 - 1/8 (0.018 mi.)***	***B15***	***50***
UNISOURCE EPA ID:: CAD983614447	***3004 ALVARADO ST***	***NNE 0 - 1/8 (0.020 mi.)***	***B18***	***59***
AMPECO EPA ID:: CAD982039034	***3051 TEAGARDEN ST***	***NW 0 - 1/8 (0.038 mi.)***	***C25***	***70***
FARMER BROS CO EPA ID:: CAR000160564	3041 TEA GARDEN	WNW 0 - 1/8 (0.038 mi.)	C26	73
UNITED PARCEL SERVIC EPA ID:: CAR000188086	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C35***	***191***
DURA STRIP OF SAN LE EPA ID:: CAD981448368	***2996 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D42***	***232***
PERFECT REFLECTIONS EPA ID:: CAD981633878	***2954 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D43***	***236***
DOHERTY N DUNNE EPA ID:: CA0000486027	***2972 TEAGARDEN***	***WNW 0 - 1/8 (0.082 mi.)***	***D45***	***256***
GEORGIA PACIFIC CORR EPA ID:: CAL000315762	***2800 ALVARADO***	***N 1/8 - 1/4 (0.185 mi.)***	***I63***	***424***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GNB INC EPA ID:: CAD058779356	***2993 TEAGARDEN ST***	***WNW 0 - 1/8 (0.065 mi.)***	***D37***	***213***
THE COLLISION CENTER	2763 TEAGARDEN ST	WNW 1/8 - 1/4 (0.218 mi.)	H79	511

EPA ID:: CAR000012260

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 06/03/2024 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
SHASTA LABORATORY IN	***2974 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D40***	***223***
EPA ID:: CAR000336339				

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 9 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FRANCISCO NIKE 3		***NNE 1/8 - 1/4 (0.190 mi.)***	***76***	***496***
Database: RESPONSE, Date of Government Version: 07/22/2024				
Status: No Further Action				
Facility Id: 80000548				
U. S. CAN COMPANY SI	***2756 ALVARADO STREET***	***N 1/4 - 1/2 (0.260 mi.)***	***N89***	***602***
Database: RESPONSE, Date of Government Version: 07/22/2024				
AWP Facility Id: 01340117				
Status: No Further Action				
Facility Id: 01340117				
TRANSCON LINES	***601 ALADDIN AVE***	***N 1/4 - 1/2 (0.357 mi.)***	***T109***	***680***
Database: RESPONSE, Date of Government Version: 07/22/2024				
Status: No Further Action				
Facility Id: 01470004				
CINTAS CORPORATION	***777 139TH AVE***	***NE 1/2 - 1 (0.520 mi.)***	***AF156***	***851***
Database: RESPONSE, Date of Government Version: 07/22/2024				
Status: Certified / Operation & Maintenance				
Facility Id: 01890017				
DWA PLUME	***SAN LEANDRO (GROUNDW***	***NE 1/2 - 1 (0.543 mi.)***	***158***	***883***
Database: RESPONSE, Date of Government Version: 07/22/2024				
AWP Facility Id: 01990002				
Status: Active				
Facility Id: 01990002				
CENTURY PLATING COMP	***1124 139TH AVENUE***	***NE 1/2 - 1 (0.621 mi.)***	***161***	***967***
Database: RESPONSE, Date of Government Version: 07/22/2024				

Status: Certified
Facility Id: 01340040

SINGER FRIDEN	***2350 AND 2450 WASHIN***	***NNE 1/2 - 1 (0.634 mi.)***	***AG162***	***982***

Database: RESPONSE, Date of Government Version: 07/22/2024
Status: Certified / Operation & Maintenance
Facility Id: 01360094

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIMMONS - SOILS	***1465 FACTOR AVENUE/1***	***W 1/4 - 1/2 (0.279 mi.)***	***L93***	***613***

Database: RESPONSE, Date of Government Version: 07/22/2024
Status: No Further Action
Facility Id: 01730011

DANA CORPORATION	***2799 MILLER STREET***	***W 1/4 - 1/2 (0.424 mi.)***	***125***	***727***

Database: RESPONSE, Date of Government Version: 07/22/2024
AWP Facility Id: 01750029
Status: No Further Action
Facility Id: 01750029

Lists of state- and tribal hazardous waste facilities

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 ENVIROSTOR list, as provided by EDR, and dated 07/22/2024 has revealed that there are 20 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FRANCISCO NIKE 3		***NNE 1/8 - 1/4 (0.190 mi.)***	***76***	***496***

Facility Id: 80000548
Status: No Further Action

U. S. CAN COMPANY SI	***2756 ALVARADO STREET***	***N 1/4 - 1/2 (0.260 mi.)***	***N89***	***602***

Facility Id: 01340117
Status: No Further Action

TRANSCON LINES	***601 ALADDIN AVE***	***N 1/4 - 1/2 (0.357 mi.)***	***T109***	***680***

Facility Id: 01470004
Status: No Further Action

CINTAS CORPORATION	***777 139TH AVE***	***NE 1/2 - 1 (0.520 mi.)***	***AF156***	***851***

Facility Id: 01890017
Status: Certified / Operation & Maintenance

DWA PLUME	***SAN LEANDRO (GROUNDW***	***NE 1/2 - 1 (0.543 mi.)***	***158***	***883***

Facility Id: 01990002

Status: Active

STAEFA CONTROL SYSTE	***2481 SAN LEANDRO BOU***	***NNE 1/2 - 1 (0.571 mi.)***	***159***	***952***
Facility Id: 01380001 Status: No Further Action				
WASTE OIL RECOVERY S	***2411 WASHINGTON AVE***	***NNE 1/2 - 1 (0.619 mi.)***	***AG160***	***960***
Facility Id: 01750031 Status: No Further Action				
CENTURY PLATING COMP	***1124 139TH AVENUE***	***NE 1/2 - 1 (0.621 mi.)***	***161***	***967***
Facility Id: 01340040 Status: Certified				
SINGER FRIDEN	***2350 AND 2450 WASHIN***	***NNE 1/2 - 1 (0.634 mi.)***	***AG162***	***982***
Facility Id: 01360094 Status: Certified / Operation & Maintenance				
YOKOTA NURSERY	***467 MARINA BOULEVARD***	***N 1/2 - 1 (0.662 mi.)***	***164***	***1236***
Facility Id: 01010011 Status: Refer: RWQCB				
PETERSON TRACTOR COM	***955 MARINA***	***NNW 1/2 - 1 (0.691 mi.)***	***165***	***1257***
Facility Id: 01350118 Status: Refer: RWQCB				
FORD STAGING SITE (9	***13900 14TH STREET***	***NE 1/2 - 1 (0.914 mi.)***	***175***	***1304***
Facility Id: 60000465 Status: No Further Action				
J P METAL FINISHING	1870 ALVARADO STREET	NNW 1/2 - 1 (0.927 mi.)	176	1307
Facility Id: 70000092 Status: No Further Action				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SIMMONS - SOILS	***1465 FACTOR AVENUE/1***	***W 1/4 - 1/2 (0.279 mi.)***	***L93***	***613***
Facility Id: 01730011 Status: No Further Action				
DANA CORPORATION	***2799 MILLER STREET***	***W 1/4 - 1/2 (0.424 mi.)***	***125***	***727***
Facility Id: 01750029 Status: No Further Action				
LERNER PROCESSING LA	14333 WICKS BOULEVAR	WSW 1/2 - 1 (0.653 mi.)	163	1235
Facility Id: 71003580 Status: Inactive - Needs Evaluation				
2054-2070 BURROUGHS	2054-2070 BURROUGHS	WSW 1/2 - 1 (0.775 mi.)	168	1264
Facility Id: 60000690 Status: No Further Action				
COCA-COLA USA	2080 PIKE AVENUE	SW 1/2 - 1 (0.863 mi.)	171	1268
Facility Id: 01200018 Status: Refer: Other Agency				
US INK A DIV OF SUN	14465 GRIFFITH STREE	WSW 1/2 - 1 (0.913 mi.)	AI174	1303
Facility Id: 80001818 Status: No Action Required				
LATCHFORD GLASS	***1940 FAIRWAY DRIVE***	***WSW 1/2 - 1 (0.941 mi.)***	***177***	***1308***
Facility Id: 01320004 Status: Refer: Other Agency				

EXECUTIVE SUMMARY

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN LEANDRO DISPOSAL	***610 ALADDIN AVE***	***NNE 1/4 - 1/2 (0.330 mi.)***	***S106***	***654***
Database: SWF/LF (SWIS), Date of Government Version: 08/05/2024 Facility ID: 01-AA-0291 Operational Status: Clean Closed Regulation Status: Notification				
ALAMEDA COUNTY INDUS	***610 ALADDIN AVE***	***NNE 1/4 - 1/2 (0.330 mi.)***	***S107***	***657***
Database: SWF/LF (SWIS), Date of Government Version: 08/05/2024 Facility ID: 01-AA-0290 Operational Status: Active Regulation Status: Permitted				
ACI BULKY ITEM SORTI	601 ALLADIN AVE.	N 1/4 - 1/2 (0.357 mi.)	T112	691
Database: SWF/LF (SWIS), Date of Government Version: 08/05/2024 Facility ID: 01-AA-0319 Operational Status: Active Regulation Status: Notification				

Lists of state and tribal leaking storage tanks

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 LUST list, as provided by EDR, has revealed that there are 32 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTGOMERY WARD & CO	***3000 ALVARADO ST***	***NNE 0 - 1/8 (0.037 mi.)***	***B23***	***65***
Database: LUST, Date of Government Version: 08/28/2024 Status: Completed - Case Closed Global Id: T0600100935				
MONTGOMERY WARD	***3000 ALVARADO***	***NNE 0 - 1/8 (0.037 mi.)***	***B24***	***70***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-1013 Facility Status: Case Closed date9: 5/11/1995				
DUNITZ & STERN	***3050 TEAGARDEN***	***NNW 0 - 1/8 (0.063 mi.)***	***C34***	***189***
Database: LUST, Date of Government Version: 08/28/2024 Status: Completed - Case Closed Global Id: T0600158364				
WILLAMETTE INDUSTRIE	***2800 ALVARADO***	***N 1/8 - 1/4 (0.185 mi.)***	***I68***	***464***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 08/28/2024				

Status: Completed - Case Closed
Facility Id: 01-2122
Facility Status: Case Closed
Global Id: T0600101948
date9: 12/16/1997

AMARAL SAUSAGE ***735 FREMONT AVE*** ***ENE 1/8 - 1/4 (0.189 mi.)*** ***J74*** ***492***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-2136
Facility Status: Leak being confirmed
Global Id: T0600101962

S & S BUILDING SUPPL ***701 FREMONT*** ***ENE 1/4 - 1/2 (0.253 mi.)*** ***M88*** ***594***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1273
Facility Status: Case Closed
Global Id: T0600101170
date9: 1/4/1999

BICOASTAL PROPERTIES ***2711 ALVARADO ST*** ***NNW 1/4 - 1/2 (0.293 mi.)*** ***N98*** ***624***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-0205
Facility Status: Case Closed
Global Id: T0600100191
date9: 11/27/1995

SAN LEANDRO USD ***1145 ALADDIN AVE*** ***NW 1/4 - 1/2 (0.316 mi.)*** ***Q102*** ***634***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1296
Facility Status: Case Closed
Global Id: T0600101192
date9: 10/11/1995

ALADDIN HEATING CORP ***1111 ALADDIN AVE*** ***NW 1/4 - 1/2 (0.322 mi.)*** ***R104*** ***640***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1923
Facility Status: Post remedial action monitoring
Global Id: T0600101783

TRANSCON LINES ***601 ALADDIN AVE*** ***N 1/4 - 1/2 (0.357 mi.)*** ***T109*** ***680***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1498
Facility Status: Case Closed
Global Id: T0600101383
date9: 3/22/2001

MORGAN BROTHERS PATI ***14305 WASHINGTON BLV*** ***ENE 1/4 - 1/2 (0.408 mi.)*** ***W118*** ***702***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024

Status: Completed - Case Closed
Facility Id: 01-1968
Facility Status: Case Closed
Global Id: T0600101818
date9: 8/5/2004

APOLLO MOTORHOME HOL ***14273 WASHINGTON AVE*** ***ENE 1/4 - 1/2 (0.410 mi.)*** ***X120*** ***706***
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Global Id: T0600101191

SAN LEANDRO RENTAL ***14273 WASHINGTON AVE*** ***ENE 1/4 - 1/2 (0.410 mi.)*** ***X122*** ***716***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-1295
Facility Status: Case Closed
date9: 7/8/1997

ROGERS TRUCKING ***14327 WASHINGTON*** ***ENE 1/4 - 1/2 (0.419 mi.)*** ***Y123*** ***719***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-2477
Facility Status: Leak being confirmed
Global Id: T0600102282

LARSON BROTHERS LUMB ***14200 WASHINGTON AVE*** ***ENE 1/4 - 1/2 (0.433 mi.)*** ***X128*** ***742***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-0881
Facility Status: Preliminary site assessment underway
Global Id: T0600100814

STELLA D'ORO BISCUIT ***1000 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.436 mi.)*** ***AA130*** ***746***
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Global Id: T0600101316

PALACE GARAGE ***14336 WASHINGTON AVE*** ***ENE 1/4 - 1/2 (0.439 mi.)*** ***W132*** ***759***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1133
Facility Status: Pollution Characterization
Global Id: T0600101043

STEELFORM CONTRACTIN ***14340 WASHINGTON AVE*** ***E 1/4 - 1/2 (0.447 mi.)*** ***Y134*** ***773***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1424
Facility Status: Case Closed
Global Id: T0600101315
date9: 8/21/2000

STELLA D'ORO BISCUIT ***1000 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.457 mi.)*** ***AB136*** ***779***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-1425
Facility Status: Case Closed
date9: 4/29/1998

RAINBO DISTRIBUTORS ***828 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.458 mi.)*** ***AC138*** ***780***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024

Status: Completed - Case Closed
Facility Id: 01-2137
Facility Status: Case Closed
Global Id: T0600101963
date9: 11/14/1997

WELLS FARGO BANK ***1188 MONTAGUE AVE*** ***NW 1/4 - 1/2 (0.458 mi.)*** ***AD140*** ***785***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1925
Facility Status: Case Closed
Global Id: T0600101785
date9: 11/2/1995

VAN BOKKELEN & SONS ***688 - 700 MONTAGUE A*** ***N 1/4 - 1/2 (0.465 mi.)*** ***AE142*** ***803***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1631
Facility Status: Case Closed
Global Id: T0600101506
date9: 2/4/1994

CONTINENTAL BAKING C ***833 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.465 mi.)*** ***AC145*** ***808***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1972
Facility Status: Case Closed
Global Id: T0600101822
date9: 1/9/1997

EVERGREEN ***797 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.466 mi.)*** ***AC147*** ***812***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-0578
Facility Status: Case Closed
date9: 10/11/1995

EVERGREEN ***797 MONTAGUE AVE*** ***NNW 1/4 - 1/2 (0.466 mi.)*** ***AC148*** ***812***
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Global Id: T0600100531

ALTNOW DEVELOPMENT ***2595 ALVARADO ST*** ***NNW 1/4 - 1/2 (0.486 mi.)*** ***AC151*** ***822***
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Global Id: T10000003620

WELLS FARGO BANK ***2500 TEAGARDEN ST*** ***NW 1/4 - 1/2 (0.492 mi.)*** ***AD153*** ***827***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-2115
Facility Status: Case Closed
Global Id: T0600101941
date9: 11/2/1995

HUDSON ***400 HUDSON LN*** ***NNE 1/4 - 1/2 (0.500 mi.)*** ***154*** ***831***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024

Status: Completed - Case Closed
Facility Id: 01-0784
Facility Status: Case Closed
Global Id: T0600100721
date9: 6/20/1996

Lower Elevation	Address	Direction / Distance	Map ID	Page
BONAIR AUTO REPAIR	***1380 OTTAWA ST***	***SSW 1/4 - 1/2 (0.280 mi.)***	***O95***	***619***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1974
Facility Status: Case Closed
Global Id: T0600101824
date9: 9/22/1997

PENSKE TRUCK LEASING	***2709 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.294 mi.)***	***P100***	***628***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-0685
Facility Status: Case Closed
Global Id: T0600100630
date9: 7/15/1999

UNITED VAN LINES	***1717 FAIRWAY DR***	***WNW 1/4 - 1/2 (0.378 mi.)***	***U114***	***695***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-0941
Facility Status: Case Closed
Global Id: T0600100866
date9: 8/9/1995

SAAG WAREHOUSE	***1799 FACTOR AVE***	***W 1/4 - 1/2 (0.431 mi.)***	***Z127***	***733***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 08/28/2024
Status: Completed - Case Closed
Facility Id: 01-1278
Facility Status: Case Closed
Global Id: T0600101175
date9: 5/29/1996

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 CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRW	***820 ALADDIN AVE***	***NNW 1/4 - 1/2 (0.300 mi.)***	***101***	***633***

Database: CPS-SLIC, Date of Government Version: 08/28/2024

Global Id: SL0600185209
Facility Status: Completed - Case Closed

295 139TH AVENUE	***295 139TH AVENUE***	***NE 1/4 - 1/2 (0.396 mi.)***	***V116***	***700***
Database: CPS-SLIC, Date of Government Version: 08/28/2024 Global Id: T10000009956 Facility Status: Open - Site Assessment				
OLIVER WIRE AND PLAT	***555 MONTAGUE AVE***	***N 1/4 - 1/2 (0.481 mi.)***	***149***	***815***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: 01S0092				

Alameda County CS: 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).

A review of the Alameda County CS list, as provided by EDR, and dated 01/09/2019 has revealed that there are 6 Alameda County CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
S & S BUILDING SUPPL Record Id: RO0000826 Status: Case Closed	***701 FREMONT***	***ENE 1/4 - 1/2 (0.253 mi.)***	***M88***	***594***
BICOASTAL PROPERTIES Record Id: RO0000982 Status: Case Closed	***2711 ALVARADO ST***	***NNW 1/4 - 1/2 (0.293 mi.)***	***N98***	***624***
295 139TH AVE Record Id: RO0003214 Status: Leak Confirmation	295 139TH AVE	NE 1/4 - 1/2 (0.396 mi.)	V115	699
PALACE GARAGE Record Id: RO0000208 Status: Pollution Characterization	***14336 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.439 mi.)***	***W132***	***759***
HUDSON Record Id: RO0000970 Status: Case Closed	***400 HUDSON LN***	***NNE 1/4 - 1/2 (0.500 mi.)***	***154***	***831***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PENSKE TRUCK LEASING Record Id: RO0001195 Status: Case Closed	***2709 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.294 mi.)***	***P100***	***628***

Lists of state and tribal registered storage tanks

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 UST list, as provided by EDR, has revealed that there is 1 UST site within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VIKING FREIGHT SYSTE	3050 TEAGARDEN STREE	NNW 0 - 1/8 (0.063 mi.)	C33	188
Database: UST, Date of Government Version: 08/28/2024				
Facility Id: 01-007-674080				

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 3 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UPS FREIGHT - SAN LE	3050 TEAGARDEN STREE	NNW 0 - 1/8 (0.063 mi.)	C30	181
Database: AST, Date of Government Version: 07/06/2016				
GEORGIA-PACIFIC CORR	***2800 ALVARADO STREET***	***N 1/8 - 1/4 (0.185 mi.)***	***I65***	***451***
Database: AST, Date of Government Version: 07/06/2016				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETERSON POWER SYSTE	2828 TEAGARDEN ST	WNW 1/8 - 1/4 (0.183 mi.)	H60	323
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 6 HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U. S. CAN COMPANY SI	***2756 ALVARADO STREET***	***N 1/4 - 1/2 (0.260 mi.)***	***N89***	***602***
CINTAS/DEDOMINICO SI	***777 139TH AVENUE***	***NE 1/2 - 1 (0.520 mi.)***	***AF155***	***841***
DWA PLUME	***SAN LEANDRO (GROUNDW***	***NE 1/2 - 1 (0.543 mi.)***	***158***	***883***
CENTURY PLATING COMP	***1124 139TH AVENUE***	***NE 1/2 - 1 (0.621 mi.)***	***161***	***967***
SINGER FRIDEN	***2350 AND 2450 WASHIN***	***NNE 1/2 - 1 (0.634 mi.)***	***AG162***	***982***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DANA CORPORATION	***2799 MILLER STREET***	***W 1/4 - 1/2 (0.424 mi.)***	***125***	***727***

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 CERS HAZ WASTE list, as provided by EDR, and dated 07/10/2024 has revealed that there are 8 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRO COLORFLEX INK CO	***3053 TEAGARDEN ST***	***NW 0 - 1/8 (0.041 mi.)***	***C27***	***75***
UPS GROUND FREIGHT I	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C29***	***81***
CID ENTERPRISES LLC	***2974 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D46***	***259***
BEST BUY #2602	***2998 ALVARADO ST UNI***	***NNE 0 - 1/8 (0.105 mi.)***	***E49***	***277***
GEORGIA-PACIFIC CORR	***2800 ALVARADO ST***	***N 1/8 - 1/4 (0.185 mi.)***	***I64***	***436***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PETERSON POWER SYSTE	***2828 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H62***	***370***
RS NEXGEN LLC	***2785 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***H71***	***478***
RON ERICKSEN/CONTROL	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H81***	***535***

Local Lists of Registered Storage Tanks

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 SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEAGARDEN FREIGHT TE Status: A Tank Status: A Comp Number: 67408	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C31***	***182***
WESTERN KRAFT PAPER Status: A Tank Status: A Comp Number: 790	***2800 ALVARADO ST***	***N 1/8 - 1/4 (0.185 mi.)***	***I67***	***460***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 8 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTGOMERY WARD AND Facility Id: 00000007037	3000 ALVARADO STREET	NNE 0 - 1/8 (0.037 mi.)	B21	64
MONTGOMERY WARD & CO Facility Id: 00000064314	3000 ALVARADO ST	NNE 0 - 1/8 (0.037 mi.)	B22	64
MONTGOMERY WARD & CO	***3000 ALVARADO ST***	***NNE 0 - 1/8 (0.037 mi.)***	***B23***	***65***

Facility Id: 00000065517				
TEAGARDEN FREIGHT TE	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C31***	***182***
BROWN TRANSPORT CO.	3050 TEAGARDEN ST	NNW 0 - 1/8 (0.063 mi.)	C32	187
Facility Id: 00000067408				
WESTERN KRAFT PAPER	2800 ALVARADO ST	N 1/8 - 1/4 (0.185 mi.)	I66	459
Facility Id: 00000000790				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETERSON POWER SYSTE	***2828 TEAGARDEN STREE***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H61***	***324***
PETERSON POWER SYSTE	***2828 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H62***	***370***
Facility Id: 00000008618				

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 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEAGARDEN FREIGHT TE	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C31***	***182***
Facility Id: 01003020				
Status: A				
WESTERN KRAFT PAPER	***2800 ALVARADO ST***	***N 1/8 - 1/4 (0.185 mi.)***	***I67***	***460***
Facility Id: 01001950				
Status: A				

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 CERS TANKS list, as provided by EDR, and dated 07/10/2024 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GEORGIA-PACIFIC CORR	***2800 ALVARADO ST***	***N 1/8 - 1/4 (0.185 mi.)***	***I64***	***436***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PETERSON POWER SYSTE	***2828 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H62***	***370***

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 06/03/2024 has revealed that

there are 25 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DEPENDABLE HIGHWAY E EPA ID:: CAC003118051	3012 ALVARADO ST	NE 0 - 1/8 (0.019 mi.)	B16	53
DHE EPA ID:: CAC003105728	***3012 ALVARADO STREET***	***NE 0 - 1/8 (0.019 mi.)***	***B17***	***55***
COSMOPROF 8688 EPA ID:: CAL000412030	853 FREMONT AVE	E 0 - 1/8 (0.070 mi.)	38	217
EXCHANGE, INC. EPA ID:: CAC003041074	***3055 ALVARADO ST***	***NNE 0 - 1/8 (0.074 mi.)***	***E39***	***219***
VISION ISLE EPA ID:: CAL000392401	2972 TEAGARDEN ST	WNW 0 - 1/8 (0.082 mi.)	D41	230
CID ENTERPRISES LLC EPA ID:: CAC002984691	***2974 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D44***	***252***
BEST BUY DELIVERY PA EPA ID:: CAL000431953	***2998 ALVARADO ST UNI***	***NNE 0 - 1/8 (0.105 mi.)***	***E48***	***266***
INTERNET PACKAGING S EPA ID:: CAC003144371 EPA ID:: CAC003128411	2992D ALVARADO ST.	NNE 0 - 1/8 (0.107 mi.)	E50	279
INTERNET PACKAGING S EPA ID:: CAC003144360	***2992 ALVARADO ST***	***NNE 0 - 1/8 (0.107 mi.)***	***E51***	***282***
NUMARK TRANSPORTATIO EPA ID:: CAL000458679	***2976 ALVARADO ST***	***N 0 - 1/8 (0.114 mi.)***	***E53***	***289***
RODGERS TRUCKING CO. EPA ID:: CAC003052263	***2972 -H ALVARADO STR***	***N 0 - 1/8 (0.115 mi.)***	***E54***	***293***
EARTHSOL LLC EPA ID:: CAC003061467	***2964 ALVARADO ST***	***N 0 - 1/8 (0.118 mi.)***	***E55***	***296***
VIKING COMMODITY INC EPA ID:: CAL000417148	***2851 ALVARADO ST***	***N 1/8 - 1/4 (0.214 mi.)***	***I78***	***502***
GEORGE OREN TIRE SPE EPA ID:: CAL000402380	***2823 ALVARADO ST***	***N 1/8 - 1/4 (0.228 mi.)***	***I85***	***587***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VELMA MURPHY EPA ID:: CAC003048276	1216 DARTMOUTH AVE	SW 0 - 1/8 (0.101 mi.)	F47	263
EVA RODRIGUEZ EPA ID:: CAC003285667	14216 CORVALLIS STRE	WSW 0 - 1/8 (0.113 mi.)	G52	286
BATES, SAM EPA ID:: CAC003217342	***1220 OTTAWA AVENUE***	***SSW 0 - 1/8 (0.119 mi.)***	***F56***	***301***
SANCHEZ, BEATRICE 45 EPA ID:: CAC003050432	***ASBURY COURT***	***W 0 - 1/8 (0.123 mi.)***	***G58***	***307***
ACME PRINTING INK CO EPA ID:: CAD056194863	***2785 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***H70***	***474***
RS NEXGEN LLC EPA ID:: CAL000410212 EPA ID:: CAL000398188	***2785 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***H72***	***486***
EDITH BASBAS	***3597 CARRILLO DRIVE***	***SE 1/8 - 1/4 (0.202 mi.)***	***K77***	***498***

EPA ID:: CAC002984701				
COOKS COLLISION OF S	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H80***	***525***
EPA ID:: CAL000273474				
CALIBER COLLISION CE	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H82***	***565***
EPA ID:: CAL000444616				
COOKS COLLISION, AN	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H83***	***576***
EPA ID:: CAL000439848				
FREDERICK LOUIE	971 ARGUELLO DRIVE	SE 1/8 - 1/4 (0.221 mi.)	K84	585
EPA ID:: CAC002987124				

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 07/01/2024 has revealed that there are 5 PFAS ECHO sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STANDARD T CHEMICAL		NNE 0 - 1/8 (0.032 mi.)	B19	61
SODAGLASS, INC		N 0 - 1/8 (0.050 mi.)	28	79
SAMUEL BINGHAM COMPA		E 0 - 1/8 (0.122 mi.)	57	305

Lower Elevation	Address	Direction / Distance	Map ID	Page
RS NEXGEN LLC		WNW 1/8 - 1/4 (0.187 mi.)	H73	490
AGRIBAG		W 1/8 - 1/4 (0.242 mi.)	L86	592

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 27 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTGOMERY WARD	3000 ALVARADO	NNE 0 - 1/8 (0.037 mi.)	B20	63
DUNITZ & STERN	3050 TEAGARDEN	NNW 0 - 1/8 (0.063 mi.)	C36	213
WILLAMETTE INDUSTRIE	2800 ALVARADO	N 1/8 - 1/4 (0.185 mi.)	I69	473
AMARAL SAUSAGE	735 FREMONT AVE	ENE 1/8 - 1/4 (0.189 mi.)	J75	495
S&S BUILDING SUPPLY	701 FREMONT	ENE 1/4 - 1/2 (0.253 mi.)	M87	593
BICOASTAL PROPERTIES	2711 ALVARADO	NNW 1/4 - 1/2 (0.293 mi.)	N97	623
SAN LEANDRO USD	1145 ALADDIN AVE	NW 1/4 - 1/2 (0.316 mi.)	Q103	639
ALADDIN MECHANICAL	1111 ALADDIN AVE	NW 1/4 - 1/2 (0.322 mi.)	R105	653
TRANSCON LINES	601 ALADDIN AVE	N 1/4 - 1/2 (0.357 mi.)	T111	691
MORGAN BROTHERS PATI	14305 WASHINGTON BLV	ENE 1/4 - 1/2 (0.408 mi.)	W117	701
SAN LEANDRO RENTAL	14273 WASHINGTON AVE	ENE 1/4 - 1/2 (0.410 mi.)	X119	705
ROGERS TRUCKING	14327 WASHINGTON	ENE 1/4 - 1/2 (0.419 mi.)	Y124	726
LARSON BROTHERS LUMB	14200 WASHINGTON AVE	ENE 1/4 - 1/2 (0.433 mi.)	X129	745
PALACE GARAGE	14336 WASHINGTON AVE	ENE 1/4 - 1/2 (0.439 mi.)	W131	758

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEELFORM CONTRACTIN	14340 WASHINGTON AVE	E 1/4 - 1/2 (0.447 mi.)	Y133	772
STELLA D'ORO BISCUIT	1000 MONTAGUE AVE	NNW 1/4 - 1/2 (0.457 mi.)	AB135	778
RAINBO DISTRIBUTORS	828 MONTAGUE AVE	NNW 1/4 - 1/2 (0.458 mi.)	AC137	779
WELLS FARGO BANK	1188 MONTAGUE AVE	NW 1/4 - 1/2 (0.458 mi.)	AD139	784
VAN BOKKELEN & SONS	688 - 700 MONTAGUE A	N 1/4 - 1/2 (0.465 mi.)	AE143	806
CONTINENTAL BAKING C	833 MONTAGUE AVE	NNW 1/4 - 1/2 (0.465 mi.)	AC144	807
EVERGREEN	797 MONTAGUE AVE	NNW 1/4 - 1/2 (0.466 mi.)	AC146	811
ALTNOW DEVELOPMENT	2595 ALVARADO ST	NNW 1/4 - 1/2 (0.486 mi.)	AC150	821
WELLS FARGO BANK	2500 TEAGARDEN ST	NW 1/4 - 1/2 (0.492 mi.)	AD152	826

Lower Elevation	Address	Direction / Distance	Map ID	Page
BONAIR AUTO REPAIR	1380 OTTAWA ST	SSW 1/4 - 1/2 (0.280 mi.)	O96	623
PENSKE TRUCK LEASING	2709 TEAGARDEN	NW 1/4 - 1/2 (0.294 mi.)	P99	627
UNITED VAN LINES	1717 FAIRWAY DR	WNW 1/4 - 1/2 (0.378 mi.)	U113	694
SAAG WAREHOUSE	1799 FACTOR AVE	W 1/4 - 1/2 (0.431 mi.)	Z126	732

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 07/24/2023 has revealed that there are 21 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DHE	***3012 ALVARADO STREET***	***NE 0 - 1/8 (0.019 mi.)***	***B17***	***55***
UNITED PARCEL SERVIC	***3050 TEAGARDEN ST***	***NNW 0 - 1/8 (0.063 mi.)***	***C35***	***191***
EXCHANGE, INC.	***3055 ALVARADO ST***	***NNE 0 - 1/8 (0.074 mi.)***	***E39***	***219***
SHASTA LABORATORY IN	***2974 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D40***	***223***
CID ENTERPRISES LLC	***2974 TEAGARDEN ST***	***WNW 0 - 1/8 (0.082 mi.)***	***D44***	***252***
BEST BUY DELIVERY PA	***2998 ALVARADO ST UNI***	***NNE 0 - 1/8 (0.105 mi.)***	***E48***	***266***
INTERNET PACKAGING S	***2992 ALVARADO ST***	***NNE 0 - 1/8 (0.107 mi.)***	***E51***	***282***
NUMARK TRANSPORTATIO	***2976 ALVARADO ST***	***N 0 - 1/8 (0.114 mi.)***	***E53***	***289***
RODGERS TRUCKING CO.	***2972 -H ALVARADO STR***	***N 0 - 1/8 (0.115 mi.)***	***E54***	***293***
EARTHSOL LLC	***2964 ALVARADO ST***	***N 0 - 1/8 (0.118 mi.)***	***E55***	***296***
GEORGIA PACIFIC CORR	***2800 ALVARADO***	***N 1/8 - 1/4 (0.185 mi.)***	***I63***	***424***
VIKING COMMODITY INC	***2851 ALVARADO ST***	***N 1/8 - 1/4 (0.214 mi.)***	***I78***	***502***
GEORGE OREN TIRE SPE	***2823 ALVARADO ST***	***N 1/8 - 1/4 (0.228 mi.)***	***I85***	***587***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BATES, SAM	***1220 OTTAWA AVENUE***	***SSW 0 - 1/8 (0.119 mi.)***	***F56***	***301***
SANCHEZ, BEATRICE 45	***ASBURY COURT***	***W 0 - 1/8 (0.123 mi.)***	***G58***	***307***
PETERSON POWER SYSTE	***2828 TEAGARDEN STREE***	***WNW 1/8 - 1/4 (0.183 mi.)***	***H59***	***310***
RS NEXGEN LLC	***2785 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***H72***	***486***
EDITH BASBAS	***3597 CARRILLO DRIVE***	***SE 1/8 - 1/4 (0.202 mi.)***	***K77***	***498***
COOKS COLLISION OF S	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H80***	***525***
CALIBER COLLISION CE	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H82***	***565***
COOKS COLLISION, AN	***2763 TEAGARDEN ST***	***WNW 1/8 - 1/4 (0.218 mi.)***	***H83***	***576***

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ONE HUNDRED THIRTY-N	750 139TH STREET	NE 1/2 - 1 (0.526 mi.)	AF157	883
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FACTOR AVENUE PLUME	1465 FACTOR AVENUE	W 1/4 - 1/2 (0.279 mi.)	L91	611

CHROME PLATING: This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

A review of the CHROME PLATING list, as provided by EDR, and dated 08/28/2024 has revealed that there is 1 CHROME PLATING site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OLIVER WIRE AND PLAT	***555 MONTAGUE AVE***	***N 1/4 - 1/2 (0.481 mi.)***	***149***	***815***

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 Cortese list, as provided by EDR, and dated 06/17/2024 has revealed that there are 28 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTGOMERY WARD	***3000 ALVARADO***	***NNE 0 - 1/8 (0.037 mi.)***	***B24***	***70***
Cleanup Status: COMPLETED - CASE CLOSED				
DUNITZ & STERN	***3050 TEAGARDEN***	***NNW 0 - 1/8 (0.063 mi.)***	***C34***	***189***
Cleanup Status: COMPLETED - CASE CLOSED				
WILLAMETTE INDUSTRIE	***2800 ALVARADO***	***N 1/8 - 1/4 (0.185 mi.)***	***I68***	***464***
Cleanup Status: COMPLETED - CASE CLOSED				
AMARAL SAUSAGE	***735 FREMONT AVE***	***ENE 1/8 - 1/4 (0.189 mi.)***	***J74***	***492***
Cleanup Status: COMPLETED - CASE CLOSED				
S & S BUILDING SUPPL	***701 FREMONT***	***ENE 1/4 - 1/2 (0.253 mi.)***	***M88***	***594***
Cleanup Status: COMPLETED - CASE CLOSED				
BICOASTAL PROPERTIES	***2711 ALVARADO ST***	***NNW 1/4 - 1/2 (0.293 mi.)***	***N98***	***624***
Cleanup Status: COMPLETED - CASE CLOSED				
SAN LEANDRO USD	***1145 ALADDIN AVE***	***NW 1/4 - 1/2 (0.316 mi.)***	***Q102***	***634***
Cleanup Status: COMPLETED - CASE CLOSED				
ALADDIN HEATING CORP	***1111 ALADDIN AVE***	***NW 1/4 - 1/2 (0.322 mi.)***	***R104***	***640***

Cleanup Status: COMPLETED - CASE CLOSED

TRANSCON LINES	***601 ALADDIN AVE***	***N 1/4 - 1/2 (0.357 mi.)***	***T109***	***680***
Cleanup Status: COMPLETED - CASE CLOSED				
MORGAN BROTHERS PATI	***14305 WASHINGTON BLV***	***ENE 1/4 - 1/2 (0.408 mi.)***	***W118***	***702***
Cleanup Status: COMPLETED - CASE CLOSED				
SAN LEANDRO RENTAL	***14273 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.410 mi.)***	***X121***	***711***
Cleanup Status: COMPLETED - CASE CLOSED				
ROGERS TRUCKING	***14327 WASHINGTON***	***ENE 1/4 - 1/2 (0.419 mi.)***	***Y123***	***719***
Cleanup Status: COMPLETED - CASE CLOSED				
LARSON BROTHERS LUMB	***14200 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.433 mi.)***	***X128***	***742***
Cleanup Status: COMPLETED - CASE CLOSED				
PALACE GARAGE	***14336 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.439 mi.)***	***W132***	***759***
Cleanup Status: COMPLETED - CASE CLOSED				
STEELFORM CONTRACTIN	***14340 WASHINGTON AVE***	***E 1/4 - 1/2 (0.447 mi.)***	***Y134***	***773***
Cleanup Status: COMPLETED - CASE CLOSED				
STELLA D'ORO BISCUIT	***1000 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.457 mi.)***	***AB136***	***779***
Cleanup Status: COMPLETED - CASE CLOSED				
RAINBO DISTRIBUTORS	***828 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.458 mi.)***	***AC138***	***780***
Cleanup Status: COMPLETED - CASE CLOSED				
WELLS FARGO BANK	***1188 MONTAGUE AVE***	***NW 1/4 - 1/2 (0.458 mi.)***	***AD140***	***785***
Cleanup Status: COMPLETED - CASE CLOSED				
VAN BOKKELEN & SONS	***688 - 700 MONTAGUE A***	***N 1/4 - 1/2 (0.465 mi.)***	***AE142***	***803***
Cleanup Status: COMPLETED - CASE CLOSED				
CONTINENTAL BAKING C	***833 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.465 mi.)***	***AC145***	***808***
Cleanup Status: COMPLETED - CASE CLOSED				
EVERGREEN	***797 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.466 mi.)***	***AC147***	***812***
Cleanup Status: COMPLETED - CASE CLOSED				
ALTNOW DEVELOPMENT	***2595 ALVARADO ST***	***NNW 1/4 - 1/2 (0.486 mi.)***	***AC151***	***822***
Cleanup Status: COMPLETED - CASE CLOSED				
WELLS FARGO BANK	***2500 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.492 mi.)***	***AD153***	***827***
Cleanup Status: COMPLETED - CASE CLOSED				
HUDSON	***400 HUDSON LN***	***NNE 1/4 - 1/2 (0.500 mi.)***	***154***	***831***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BONAIR AUTO REPAIR	***1380 OTTAWA ST***	***SSW 1/4 - 1/2 (0.280 mi.)***	***O95***	***619***
Cleanup Status: COMPLETED - CASE CLOSED				
PENSKE TRUCK LEASING	***2709 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.294 mi.)***	***P100***	***628***
Cleanup Status: COMPLETED - CASE CLOSED				
UNITED VAN LINES	***1717 FAIRWAY DR***	***WNW 1/4 - 1/2 (0.378 mi.)***	***U114***	***695***
Cleanup Status: COMPLETED - CASE CLOSED				
SAAG WAREHOUSE	***1799 FACTOR AVE***	***W 1/4 - 1/2 (0.431 mi.)***	***Z127***	***733***
Cleanup Status: COMPLETED - CASE CLOSED				

EXECUTIVE SUMMARY

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 HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 28 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTGOMERY WARD & CO Reg Id: 01-1013	***3000 ALVARADO ST***	***NNE 0 - 1/8 (0.037 mi.)***	***B23***	***65***
WILLAMETTE INDUSTRIE Reg Id: 01-2122	***2800 ALVARADO***	***N 1/8 - 1/4 (0.185 mi.)***	***I68***	***464***
AMARAL SAUSAGE Reg Id: 01-2136	***735 FREMONT AVE***	***ENE 1/8 - 1/4 (0.189 mi.)***	***J74***	***492***
S & S BUILDING SUPPL Reg Id: 01-1273	***701 FREMONT***	***ENE 1/4 - 1/2 (0.253 mi.)***	***M88***	***594***
BICOASTAL PROPERTIES Reg Id: 01-0205	***2711 ALVARADO ST***	***NNW 1/4 - 1/2 (0.293 mi.)***	***N98***	***624***
SAN LEANDRO USD Reg Id: 01-1296	***1145 ALADDIN AVE***	***NW 1/4 - 1/2 (0.316 mi.)***	***Q102***	***634***
ALADDIN HEATING CORP Reg Id: 01-1923	***1111 ALADDIN AVE***	***NW 1/4 - 1/2 (0.322 mi.)***	***R104***	***640***
TRANSCON LINES Reg Id: 01-1498	***601 ALADDIN AVE***	***N 1/4 - 1/2 (0.357 mi.)***	***T109***	***680***
MORGAN BROTHERS PATI Reg Id: 01-1968	***14305 WASHINGTON BLV***	***ENE 1/4 - 1/2 (0.408 mi.)***	***W118***	***702***
APOLLO MOTORHOME HOL Reg Id: 01-1295	***14273 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.410 mi.)***	***X120***	***706***
ROGERS TRUCKING Reg Id: 01-2477	***14327 WASHINGTON***	***ENE 1/4 - 1/2 (0.419 mi.)***	***Y123***	***719***
LARSON BROTHERS LUMB Reg Id: 01-0881	***14200 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.433 mi.)***	***X128***	***742***
STELLA D'ORO BISCUIT Reg Id: 01-1425	***1000 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.436 mi.)***	***AA130***	***746***
PALACE GARAGE Reg Id: 01-1133	***14336 WASHINGTON AVE***	***ENE 1/4 - 1/2 (0.439 mi.)***	***W132***	***759***
STEELFORM CONTRACTIN Reg Id: 01-1424	***14340 WASHINGTON AVE***	***E 1/4 - 1/2 (0.447 mi.)***	***Y134***	***773***
RAINBO DISTRIBUTORS Reg Id: 01-2137	***828 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.458 mi.)***	***AC138***	***780***
WELLS FARGO BANK Reg Id: 01-1925	***1188 MONTAGUE AVE***	***NW 1/4 - 1/2 (0.458 mi.)***	***AD140***	***785***
NOVA INDUSTRIES INC Reg Id: 2556	***999 MONTAGUE AVENUE***	***NNW 1/4 - 1/2 (0.465 mi.)***	***AA141***	***788***
VAN BOKKELEN & SONS Reg Id: 01-1631	***688 - 700 MONTAGUE A***	***N 1/4 - 1/2 (0.465 mi.)***	***AE142***	***803***
CONTINENTAL BAKING C Reg Id: 01-1972	***833 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.465 mi.)***	***AC145***	***808***
EVERGREEN	***797 MONTAGUE AVE***	***NNW 1/4 - 1/2 (0.466 mi.)***	***AC148***	***812***

Reg Id: 01-0578

WELLS FARGO BANK Reg Id: 01-2115	***2500 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.492 mi.)***	***AD153***	***827***
HUDSON Reg Id: 01-0784 Reg Id: 01240035	***400 HUDSON LN***	***NNE 1/4 - 1/2 (0.500 mi.)***	***154***	***831***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIMMONS - SOILS Reg Id: 01730011	1465 FACTOR AVENUE/1	W 1/4 - 1/2 (0.279 mi.)	L94	619
BONAIR AUTO REPAIR Reg Id: 01-1974	***1380 OTTAWA ST***	***SSW 1/4 - 1/2 (0.280 mi.)***	***O95***	***619***
PENSKE TRUCK LEASING Reg Id: 01-0685	***2709 TEAGARDEN ST***	***NW 1/4 - 1/2 (0.294 mi.)***	***P100***	***628***
UNITED VAN LINES Reg Id: 01-0941	***1717 FAIRWAY DR***	***WNW 1/4 - 1/2 (0.378 mi.)***	***U114***	***695***
SAAG WAREHOUSE Reg Id: 01-1278	***1799 FACTOR AVE***	***W 1/4 - 1/2 (0.431 mi.)***	***Z127***	***733***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 08/12/2024 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
US INK CORPORATION EPA ID: CAT000646364 Cleanup Status: CLOSED	***14465 GRIFFITH STREE***	***WSW 1/2 - 1 (0.913 mi.)***	***AI172***	***1269***

PROC: A listing of certified processors.

A review of the PROC list, as provided by EDR, and dated 08/28/2024 has revealed that there is 1 PROC site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALAMEDA COUNTY INDUS Cert Id: PR318658.001	***610 ALADDIN AVE***	***NNE 1/4 - 1/2 (0.330 mi.)***	***S108***	***679***

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 09/05/2024 has revealed that there are 9 Notify 65 sites within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

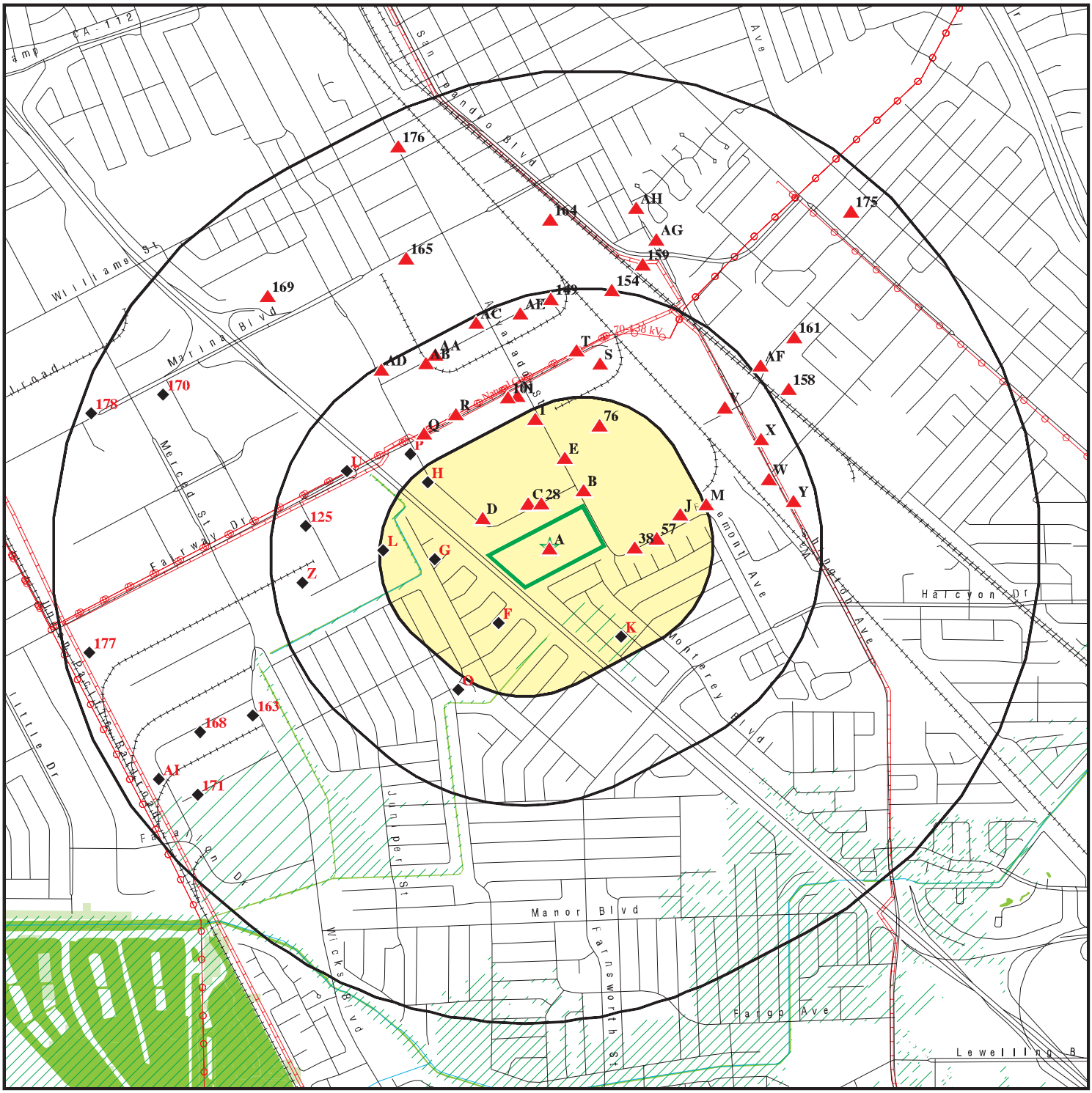
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED STATES CAN CO	2756 ALVARADO	N 1/4 - 1/2 (0.260 mi.)	N90	610
TRANSCON LINES	601 ALADIN AVENUE	N 1/4 - 1/2 (0.357 mi.)	T110	690
VAN BOKKELEN & SONS	***688 - 700 MONTAGUE A***	***N 1/4 - 1/2 (0.465 mi.)***	***AE142***	***803***
HUDSON	***400 HUDSON LN***	***NNE 1/4 - 1/2 (0.500 mi.)***	***154***	***831***
SINGER-FRIDEN SITE	2350 WASHINGTON AVE	NNE 1/2 - 1 (0.695 mi.)	AH166	1263
SINGER - FRIDEN SITE	2350 WASHINGTON AVE	NNE 1/2 - 1 (0.695 mi.)	AH167	1263
GM TRAINING CENTER	***1444 MARINA***	***NW 1/2 - 1 (0.781 mi.)***	***169***	***1265***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAFEWAY PRESERVES PL	111 MARINA	WNW 1/2 - 1 (0.832 mi.)	170	1268
INGERSOLL-RAND EQUIP	1944 MARINA BOULEVAR	WNW 1/2 - 1 (0.967 mi.)	178	1313

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 07832581.2R



SITE NAME:	3199 Alvarado Avenue	CLIENT:	Ramboll Americas Engineering Solutions, Inc.
ADDRESS:	3199 Alvarado Avenue San Leandro CA 94578	CONTACT:	Jodi Vanneman
LAT/LONG:	37.703678 / 122.153393	INQUIRY #:	07832581.2r
		DATE:	November 25, 2024 2:20 pm

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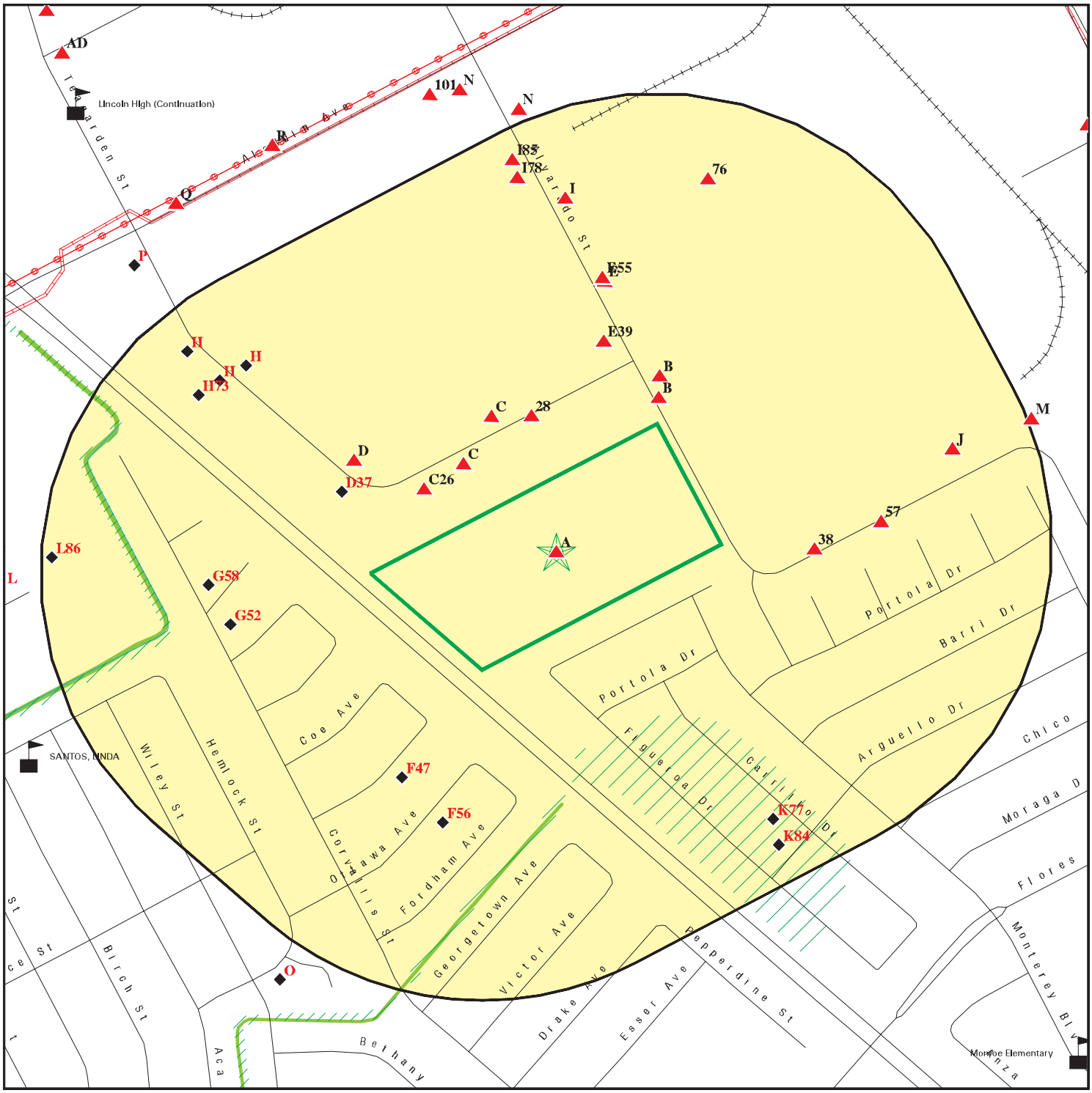
DETAIL MAP - 07832581.2R



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
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- 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: 3199 Alvarado Avenue	CLIENT: Ramboll Americas Engineering Solutions, Inc.
ADDRESS: 3199 Alvarado Avenue San Leandro CA 94578	CONTACT: Jodi Vanneman
LAT/LONG: 37.703678 / 122.153393	INQUIRY #: 07832581.2r DATE: November 25, 2024 2:21 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	0.001		0	NR	NR	NR	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	1	NR	NR	1
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	1	NR	NR	NR	1
RCRA-SQG	0.250	1	9	2	NR	NR	NR	12
RCRA-VSQG	0.250		1	0	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								
RESPONSE	1.000		0	1	4	4	NR	9
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	1	4	15	NR	20
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	3	NR	NR	3

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								
LUST	0.500		3	2	27	NR	NR	32
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	3	NR	NR	3
Alameda County CS	0.500		0	0	6	NR	NR	6
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	2	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
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								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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
HIST Cal-Sites	1.000		0	0	2	4	NR	6
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		4	4	NR	NR	NR	8
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		1	1	NR	NR	NR	2
HIST UST	0.250		5	3	NR	NR	NR	8
CA FID UST	0.250		1	1	NR	NR	NR	2
CERS TANKS	0.250		0	2	NR	NR	NR	2

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
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001	1	0	NR	NR	NR	NR	1
CHMIRS	0.001	1	0	NR	NR	NR	NR	1
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	16	9	NR	NR	NR	26
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
MINES MRDS	TP		NR	NR	NR	NR	NR	0
ABANDONED MINES	TP		NR	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
ECHO	TP	2	NR	NR	NR	NR	NR	2
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		3	2	NR	NR	NR	5
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
UST FINDER RELEASE	0.500		2	2	23	NR	NR	27
E MANIFEST	0.250	1	12	9	NR	NR	NR	22
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	1	1	NR	2
CHROME PLATING	0.500		0	0	1	NR	NR	1
Cortese	0.500		2	2	24	NR	NR	28
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	2	25	NR	NR	28
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP	8	NR	NR	NR	NR	NR	8
HAZNET	0.001	7	0	NR	NR	NR	NR	7
MINES	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	1	NR	NR	1
Notify 65	1.000		0	0	4	5	NR	9
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	1	NR	NR	NR	NR	NR	1
CERS	TP		NR	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
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	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	0.250		0	0	NR	NR	NR	0
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		25	62	46	129	31	0	293

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **1X LEVITZ FURNITURE** **HWTS** **S123769985**
Target **3199 ALVARADO ST** **HAZNET** **N/A**
Property **SAN LAENDRO, CA 94577**

Site 1 of 14 in cluster A

Actual:
31 ft.

HWTS:

Name:	1X LEVITZ FURNITURE
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LAENDRO, CA 94577
EPA ID:	CAP999001409
Inactive Date:	12/19/2000
Create Date:	05/12/1986
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SCOTT DOYLE
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	FEDERAL
Latitude:	37.702986
Longitude:	-122.1505

HAZNET:

Name:	1X LEVITZ FURNITURE
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LAENDRO, CA 945770000
Contact:	SCOTT DOYLE
Telephone:	4153526160
Mailing Name:	Not reported
Mailing Address:	--
Year:	1986
Gepaid:	CAP999001409
TSD EPA ID:	CAD059494310
CA Waste Code:	111 -
Disposal Method:	08 -
Tons:	0.2293
Year:	1986
Gepaid:	CAP999001409
TSD EPA ID:	CAD059494310
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	99 -

1X LEVITZ FURNITURE (Continued) **S123769985**

Tons: 0

Year: 1986
Gepaid: CAP999001409
TSD EPA ID: CAD059494310
CA Waste Code: 111 -
Disposal Method: D99 - Disposal, Other
Tons: 0.2293

A2 Target Property **DEPENDABLE HIGHWAY EXPRESS**
3199 ALVARADO ST
SAN LEANDRO, CA 90023

HWTS S104568912
NPDES N/A
CIWQS

Site 2 of 14 in cluster A

Actual: 31 ft.

HWTS:
Name: DEPENDABLE HIGHWAY EXPRESS
Address: 3199 ALVARADO ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAC002637139
Inactive Date: 05/31/2009
Create Date: 12/01/2008
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3199 ALVARADO ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945775709
Owner Name: DEPENDABLE HWY EXPRESS
Owner Address: 3199 ALVARADO ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945775709
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: RON HAQUE
Contact Address: 3199 ALVARADO ST
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945775709
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.702939
Longitude: -122.150612

NPDES:
Name: DEPENDABLE HIGHWAY EXPRESS
Address: 3199 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 90023
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **S104568912**

Order Number:	Not reported
WDID:	2 01NEC002805
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	10/16/2018
Operator Name:	Dependable Highway Express Inc
Operator Address:	1406 S Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	400564
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01NEC002805
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/18/2009
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Dependable Highway Express Inc
Discharge Address:	1406 S Cucamonga Ave
Discharge City:	Ontario
Discharge State:	California
Discharge Zip:	91761
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **S104568912**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	400564
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01NEC002805
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **S104568912**

Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	12/12/2016
Processed Date:	11/18/2009
Status:	Active
Status Date:	12/12/2016
Place Size:	5
Place Size Unit:	Acres
Contact:	Trevor Schirmer
Contact Title:	Not reported
Contact Phone:	510-357-2223
Contact Phone Ext:	Not reported
Contact Email:	trevor.schirmer@godependable.com
Operator Name:	Dependable Highway Express Inc
Operator Address:	1406 S Cucamonga Ave
Operator City:	Ontario
Operator State:	California
Operator Zip:	91761
Operator Contact:	Trevor Schirmer
Operator Contact Title:	Not reported
Operator Contact Phone:	510-357-2223
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	trevor.schirmer@godependable.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:	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:	N
Receiving Water Name:	San Leandro Bay
Certifier:	Wayne Carson
Certifier Title:	Dir Safety and Security
Certification Date:	11-JUL-17
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **S104568912**

Tertiary Sic: Not reported

CIWQS:

Name:	Dependable Highway Express
Address:	3199 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 90023
Agency:	Dependable Highway Express
Agency Address:	1351 S Campus Avenue, Ontario, CA 91761
Place/Project Type:	Industrial - Trucking, Except Local
SIC/NAICS:	4213
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01NEC002805
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	11/18/2009
Termination Date:	10/16/2018
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:	37.70367
Longitude:	-122.15338

A3 Target Property **DEPENDABLE HIGHWAY EXPRESS** **ECHO** **1023693951**
3199 ALVARADO ST **N/A**
SAN LEANDRO, CA 94577

Site 3 of 14 in cluster A

Actual: 31 ft.

ECHO:

Envid:	1023693951
Registry ID:	110057097467

DFR URL:

Name:	DEPENDABLE HIGHWAY EXPRESS
Address:	3199 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577

A4 **CHMIRS** **S105676700**
Target Property **3199 ALVARADO ST.** **N/A**
SAN LEANDRO, CA 94545

Site 4 of 14 in cluster A

Actual: **31 ft.**

CHMIRS:

Name:	Not reported
Address:	3199 ALVARADO ST.
City,State,Zip:	SAN LEANDRO, CA 94545
OES Incident Number:	1-1136
OES notification:	02/24/2001
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:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	PG&E
Incident Date:	2/24/200112:00:00 AM
Admin Agency:	San Leandro Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Other
E Date:	Not reported
Substance:	Hydraulic Oil
Gallons:	20

(Continued) **S105676700**

Unknown:	0.000000
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#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:	A truck broke it's hydraulic line causing the release.

A5 **DHX-DEPENDABLE HAWAIIAN EXPRESS** **HWTS** **S118200765**
Target **3199 ALVARADO ST** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 5 of 14 in cluster A

Actual:
31 ft.

HWTS:

Name:	DHX-DEPENDABLE HAWAIIAN EXPRESS
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC002759351
Inactive Date:	04/30/2014
Create Date:	01/29/2014
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3199 ALVARADO ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	RON MASSMAN
Owner Address:	2555 E. OLYMPIC BLVD.
Owner Address 2:	Not reported
Owner City,State,Zip:	LOS ANGELES, CA 90023
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GEORGIA BRIGGS
Contact Address:	3199 ALVARADO ST
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.704383
Longitude:	-122.151464

NAICS:

EPA ID:	CAC002759351

DHX-DEPENDABLE HAWAIIAN EXPRESS (Continued) **S118200765**

Create Date:	2014-01-29 13:30:58.790
NAICS Code:	48851
NAICS Description:	Freight Transportation Arrangement
Issued EPA ID Date:	2014-01-29 13:30:58.80000
Inactive Date:	2014-04-30 13:30:58.78700
Facility Name:	DHX-DEPENDABLE HAWAIIAN EXPRESS
Facility Address:	3199 ALVARADO ST
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94577

HAZNET:

Name:	DHX-DEPENDABLE HAWAIIAN EXPRESS
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Contact:	GEORGIA BRIGGS
Telephone:	5106862600
Mailing Name:	Not reported
Mailing Address:	3199 ALVARADO ST
Year:	2014
Gepaid:	CAC002759351
TSD EPA ID:	NVT330010000
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.231
Year:	2014
Gepaid:	CAC002759351
TSD EPA ID:	CAD008252405
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	6.3

Additional Information:

Year:	2014
Gen EPA ID:	CAC002759351
Shipment Date:	20140409
Creation Date:	9/6/2014 22:15:06
Receipt Date:	20140424
Manifest ID:	005184589FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

DHX-DEPENDABLE HAWAIIAN EXPRESS (Continued) **S118200765**

Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D002
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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
Shipment Date:	20140409
Creation Date:	10/22/2014 22:15:11
Receipt Date:	20140422
Manifest ID:	005184590FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	1.75
Waste Quantity:	3500
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:	20140305
Creation Date:	8/14/2014 22:15:24
Receipt Date:	20140311
Manifest ID:	005184671FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	1.3
Waste Quantity:	2600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

DHX-DEPENDABLE HAWAIIAN EXPRESS (Continued) **S118200765**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140213
Creation Date:	7/24/2014 22:15:15
Receipt Date:	20140225
Manifest ID:	005184775FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	3.25
Waste Quantity:	6500
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

A6 **1X LEVITZ** **HWTS** **S123723255**
Target **3199 ALVARADO STREET** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 6 of 14 in cluster A

Actual: **31 ft.**

HWTS:

Name:	1X LEVITZ
Address:	3199 ALVARADO STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC000239665
Inactive Date:	10/25/2000
Create Date:	01/11/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	LEVITZ
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	BELT, LOUIS/WRHS MGR
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported

1X LEVITZ (Continued) **S123723255**

Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.70339
Longitude: -122.150733

HAZNET:
Name: 1X LEVITZ
Address: 3199 ALVARADO STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact: BELT, LOUIS/WRHS MGR
Telephone: 4153526160
Mailing Name: Not reported
Mailing Address: --

Year: 1990
Gepaid: CAC000239665
TSD EPA ID: CAT080010101
CA Waste Code: 461 - Paint sludge
Disposal Method: H01 - Transfer Station
Tons: 0.2293

Year: 1990
Gepaid: CAC000239665
TSD EPA ID: CAT080010101
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H01 - Transfer Station
Tons: 0.3127

A7 **TREMCO INC.** **RCRA-SQG** **1012176400**
Target **3199 ALVARADO RD** **CAR000203406**
Property **SAN LEANDRO, CA 94577**

Site 7 of 14 in cluster A

Actual:
31 ft.

RCRA Listings:
Date Form Received by Agency: 20091021
Handler Name: Tremco Inc.
Handler Address: 3199 Alvarado Rd
Handler City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAR000203406
Contact Name: GLENN D STRASSHOFER
Contact Address: 3735 GREEN RD
Contact City,State,Zip: BEACHWOOD, OH 44122
Contact Telephone: 216-766-5673
Contact Fax: Not reported
Contact Email: GSTRASSHOFER@TREMCOINC.COM
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

TREMCO INC. (Continued) **1012176400**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3735 GREEN RD
Mailing City,State,Zip:	BEACHWOOD, OH 44122
Owner Name:	Dependable Distribution Center
Owner Type:	Private
Operator Name:	Dependable Distribution Center
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20091021
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

Handler - Owner Operator:

TREMCO INC. (Continued) **1012176400**

Owner/Operator Indicator: Owner
Owner/Operator Name: DEPENDABLE DISTRIBUTION CENTER
Legal Status: Private
Date Became Current: 20090211
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: DEPENDABLE DISTRIBUTION CENTER
Legal Status: Private
Date Became Current: 20090201
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: 20091021
Handler Name: TREMCO INC.
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 Code: 49311
NAICS Description: GENERAL WAREHOUSING AND STORAGE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A8 Target Property **TREMCO INC.**
3199 ALVARADO RD
SAN LEANDRO, CA 94577

FINDS 1012281587
ECHO N/A

Site 8 of 14 in cluster A

Actual: 31 ft.

FINDS:
Registry ID: 110040106685

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
Registry ID: 110057097467

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.
The National Pollutant Discharge Elimination System (NPDES) module of the Integrated Compliance Information System (ICIS). Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1012281587
Registry ID: 110040106685

TREMCO INC. (Continued) **1012281587**

DFR URL:
Name: TREMCO INC.
Address: 3199 ALVARADO RD
City,State,Zip: SAN LEANDRO, CA 94577

A9 **LEVITZ** **HWTS** **S112870650**
Target **3199 ALVARADO STREET** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 9 of 14 in cluster A

Actual:
31 ft.

HWTS:
Name: LEVITZ
Address: 3199 ALVARADO STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAC001162200
Inactive Date: 10/25/2000
Create Date: 08/15/1996
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: Not reported
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770000
Owner Name: LEVITZ
Owner Address: 3199 ALVARADO STREET
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945770000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: SPENTE BRIDGEMAN/ ENVRO MGR
Contact Address: 3199 ALVARADO STREET
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.70339
Longitude: -122.150733

HAZNET:
Name: LEVITZ
Address: 3199 ALVARADO STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact: SPENTE BRIDGEMAN/ ENVRO MGR
Telephone: 5103526167
Mailing Name: Not reported
Mailing Address: --

Year: 1996
Gepaid: CAC001162200
TSD EPA ID: CAD028409019
CA Waste Code: 343 - Unspecified organic liquid mixture

LEVITZ (Continued) **S112870650**

Disposal Method:	H01 - Transfer Station
Tons:	0.5
Year:	1996
Gepaid:	CAC001162200
TSD EPA ID:	CAD028409019
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H01 - Transfer Station
Tons:	0.25

Additional Information:

Year:	1996
Gen EPA ID:	CAC001162200
Shipment Date:	19960817
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960830
Manifest ID:	95276985
Trans EPA ID:	CAD983668583
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
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
Shipment Date:	19960817
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960830
Manifest ID:	95276985
Trans EPA ID:	CAD983668583
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

LEVITZ (Continued) **S112870650**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960817
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960830
Manifest ID:	95276985
Trans EPA ID:	CAD983668583
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:	611 - Contaminated soil from site clean-ups
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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

A10 **LEVITZ FURNITURE** **HWTS** **S112895387**
Target **3199 ALVARADO ST** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 10 of 14 in cluster A

Actual: **31 ft.**

HWTS:

Name:	LEVITZ FURNITURE
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC001489512
Inactive Date:	10/25/2000
Create Date:	01/07/1999
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3199 ALVARADO ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	LEVITZ FURNITURE
Owner Address:	3199 ALVARADO ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JOHN SELF/GENERAL MANAGER
Contact Address:	3199 ALVARADO ST
Contact Address 2:	Not reported

LEVITZ FURNITURE (Continued) **S112895387**

City,State,Zip: SAN LEANDRO, CA 945770000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.70339
Longitude: -122.150733

HAZNET:
Name: LEVITZ FURNITURE
Address: 3199 ALVARADO ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact: JOHN SELF/GENERAL MANAGER
Telephone: 5103526160
Mailing Name: Not reported
Mailing Address: 3199 ALVARADO ST

Year: 1999
Gepaid: CAC001489512
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.25

Additional Information:
Year: 1999
Gen EPA ID: CAC001489512

Shipment Date: 19990112
Creation Date: 4/20/1999 0:00:00
Receipt Date: 19990209
Manifest ID: 98458467
Trans EPA ID: CAD150823508
Trans Name: Not reported
Trans 2 EPA ID: CAL000138484
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
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: 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

A11 **TREMCO INC.** **HWTS** **S113178915**
Target **3199 ALVARADO ST** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 11 of 14 in cluster A

Actual:
31 ft.

HWTS:

Name:	TREMCO INC.
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAR000203406
Inactive Date:	06/30/2013
Create Date:	11/30/2009
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3735 GREEN RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BEACHWOOD, OH 441220000
Owner Name:	TREMCO INC.
Owner Address:	3735 GREEN RD
Owner Address 2:	Not reported
Owner City,State,Zip:	BEACHWOOD, OH 441220000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GLENN D STRASSHOFER
Contact Address:	3735 GREEN RD
Contact Address 2:	Not reported
City,State,Zip:	BEACHWOOD, OH 441220000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.702986
Longitude:	-122.1505

NAICS:

EPA ID:	CAR000203406
Create Date:	2011-04-05 10:18:11.997
NAICS Code:	53113
NAICS Description:	Lessors of Miniwarehouses and Self-Storage Units
Issued EPA ID Date:	2009-11-30 10:15:49.99700
Inactive Date:	2013-06-30 00:00:00
Facility Name:	TREMCO INC.
Facility Address:	3199 ALVARADO ST
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	945775709

HAZNET:

Name:	TREMCO INC.
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945775709
Contact:	GLENN D STRASSHOFER

TREMCO INC. (Continued) **S113178915**

Telephone: 2166765673
Mailing Name: Not reported
Mailing Address: 3735 GREEN RD

Year: 2009
Gepaid: CAR000203406
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: 0.5665

Year: 2009
Gepaid: CAR000203406
TSD EPA ID: NVT330010000
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: 3

Year: 2009
Gepaid: CAR000203406
TSD EPA ID: NVT330010000
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.998

Year: 2009
Gepaid: CAR000203406
TSD EPA ID: CAD044429835
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: 0.022

Additional Information:
Year: 2009
Gen EPA ID: CAR000203406

Shipment Date: 20091118
Creation Date: 3/5/2010 18:31:07
Receipt Date: 20091204
Manifest ID: 005934751JJK
Trans EPA ID: CAR000188201
Trans Name: ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS ENV SVCS
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: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

TREMCO INC. (Continued) **S113178915**

Quantity Tons:	0.385
Waste Quantity:	770
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:	20091118
Creation Date:	3/5/2010 18:31:07
Receipt Date:	20091204
Manifest ID:	005934751JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
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:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.022
Waste Quantity:	44
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:	20091111
Creation Date:	3/5/2010 18:31:15
Receipt Date:	20091121
Manifest ID:	005934587JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVCS
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:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0165
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

TREMCO INC. (Continued) **S113178915**

Additional Code 5:	Not reported
Shipment Date:	20091111
Creation Date:	5/20/2010 18:30:40
Receipt Date:	20091119
Manifest ID:	005934588JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.25
Waste Quantity:	2500
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:	20091111
Creation Date:	5/20/2010 18:30:40
Receipt Date:	20091119
Manifest ID:	005934588JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
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:	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
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:	20091111
Creation Date:	3/5/2010 18:31:15
Receipt Date:	20091121
Manifest ID:	005934587JJK
Trans EPA ID:	CAR000188201

TREMCO INC. (Continued) **S113178915**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVCS
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:	D001
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:	20091111
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005934588JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.153
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:	20091111
Creation Date:	5/20/2010 18:30:40
Receipt Date:	20091119
Manifest ID:	005934588JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

TREMCO INC. (Continued) **S113178915**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.748
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

A12 **DEPENDABLE HIGHWAY EXPRESS** **RCRA NonGen / NLR** **1024824710**
Target **3199 ALVARADO ST** **E MANIFEST** **CAL000348836**
Property **SAN LEANDRO, CA 94577**

Site 12 of 14 in cluster A

Actual: **31 ft.**

RCRA Listings:

Date Form Received by Agency:	20091217
Handler Name:	Dependable Highway Express
Handler Address:	3199 Alvarado St
Handler City,State,Zip:	SAN LEANDRO, CA 94577-5709
EPA ID:	CAL000348836
Contact Name:	WAYNE CARSON
Contact Address:	PO BOX 58047
Contact City,State,Zip:	LOS ANGELES, CA 90058
Contact Telephone:	323-526-2222
Contact Fax:	323-526-2457
Contact Email:	WCARSON@GODEPENDABLE.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 58047
Mailing City,State,Zip:	LOS ANGELES, CA 90058-0047
Owner Name:	Dependable Highway Express Inc
Owner Type:	Other
Operator Name:	Wayne Carson
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **1024824710**

Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: WAYNE CARSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 58047
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90058
Owner/Operator Telephone:	323-526-2222
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DEPENDABLE HIGHWAY EXPRESS INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E OLYMPIC BLVD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90023-2605
Owner/Operator Telephone:	323-526-2222
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **1024824710**

Historic Generators:
- Receive Date: 20091217
- Handler Name: DEPENDABLE HIGHWAY EXPRESS
- 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: 48849
- NAICS Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

E MANIFEST:
- Manifest Tracking Number: 023159269JJK
- Last Updated Date: 20210924
- Shipped Date: 20210825
- Received Date: 20210909
- Manifest Status: Signed
- Submission Type: DataImage5Copy
- Origin Type: Service
- Generator EPA ID: Not reported
- Generator Name: Dependable Highway Express
- Generator Location Street Number: Not reported
- Generator Location Street 1: 3199 ALVARADO ST
- Generator Location Street 2: Not reported
- Generator Location City: SAN LEANDRO
- Generator Location State: CA
- Generator Location Zip: 94577
- Generator Mail Street Number: Not reported
- Generator Mail Street 1: PO BOX 58047
- Generator Mail Street 2: Not reported
- Generator Mail City: LOS ANGELES
- Generator Mail Zip: 90058
- Generator Mail State: CA
- Generator Contact Company Name: Not reported
- Designated Facility EPA ID: NVT330010000
- Designated Facility Name: Us Ecology Nevada, Inc.
- Designated Facility Mail Street Number: Not reported
- Designated Facility Mail Street 1: Not reported
- Designated Facility Mail Street 2: HWY 95 11 MILES S. OF BEATTY
- Designated Facility Mail City: BEATTY
- Designated Facility Mail Zip: 89003

DEPENDABLE HIGHWAY EXPRESS (Continued) **1024824710**

Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	023159269JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	291
State Waste:	Latex waste

Transporter:

Manifest Tracking Number:	023159269JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000171017
Transporter Name:	Fremouw Environmental Services Inc.
Manifest Tracking Number:	023159269JJK
Transporter Line Number:	2
Transporter EPA ID:	CAR000175422
Transporter Name:	Worldwide Recovery Systems, Inc.

Waste Line:

Manifest Tracking Number:	023159269JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	LATEX PAINT/BULK
Number of Containers:	3
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	105
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.43786487
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.43786487
Waste Quantity, in Kilograms:	397.1566
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	397.1566
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **1024824710**

Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

A13 **3199 ALVARADO STREET** **HMIRS** **2014008143**
Target **3199 ALVARADO STREET** **N/A**
Property **SAN LEANDRO, CA**

Site 13 of 14 in cluster A

Actual: **31 ft.**

HMIRS:

Report Number:	I-2014060469
Report Source:	Paper
Multiple Rows per Incident:	No
Report Type:	A hazardous material incident
Date of Incident:	06/09/2014
Time of Incident:	1100
NRC Number:	Not reported
Fed DOT Agency Name:	Not reported
Fed DOT Report #:	Not reported
Incident City:	SAN LEANDRO
Incident County:	ALAMEDA
Incident State:	CA
Incident Zip:	Not reported
Incident Non-US State:	Not reported
Incident Country:	US
Incident Route:	3199 ALVARADO STREET
Mode of Transportation:	Highway
Transportation Phase:	UNLOADING
Carrier/Reporter Name:	CON-WAY TRUCKLOAD INC.
Carrier/Reporter Street:	4701 E 32ND ST
Carrier/Reporter City:	JOPLIN
Carrier/Reporter State:	MO
Carrier/Reporter Zip:	64804-3482
Carrier/Reporter Non-US State:	Not reported
Carrier/Reporter FED DOT ID:	2232910
Carrier/Reporter HAZMAT ID:	050112550042UW
Carrier/Reporter Country:	US
Shipper Name:	CAI INC.
Shipper Street:	106 ENTERPRISE DRIVE
Shipper City:	ROCKINGHAM
Shipper State:	NC
Shipper Zip:	28379
Shipper Non-US State:	Not reported
Shipper Country:	US
Waybill/Shipping Paper:	2340001
Shipper HAZMAT Registration ID:	Not reported
Origin City:	ROCKINGHAM
Origin State:	NO
Origin Zip:	28379
Origin Non-US State:	Not reported
Origin Country:	US
Destination City:	SAN LEANDRO

3199 ALVARADO STREET (Continued) **2014008143**

Destination State:	CA
Destination Postal Code:	94577
Destination Non-US State:	Not reported
Destination Country:	US
Commodity Short Name:	PRINTING INK FLAMMABLE
Commodity Long Name:	PRINTING INK FLAMMABLE OR PRINTING INK RELATED MATERIAL (INCLUDING PRINTING INK THINNING OR REDUCING COMPOUND) FLAMMABLE
Technical/Trade Name:	PRINTING INK
Identification Number:	UN1210
Hazardous Class Code:	3
Hazardous Class:	FLAMMABLE - COMBUSTIBLE LIQUID
Packing Group:	II
Quantity Released:	0.1250
Unit of Measure:	LGA
Unit of Measure Description:	Liquid - Gallon
HAZMAT Waste Indicator:	No
HAZMAT Waste EPA ID:	Not reported
HMIS Toxic by Inhalation:	No
TIH Hazard Zone:	Not reported
Material Shipment Approval:	No
Mat. Shipment Approval #:	Not reported
Undeclared HAZMAT Shipment:	No
Packaging Type:	Non-Bulk
What Failed Code:	103;
What Failed Description:	Basic Material; Body
How Failed Code:	308;
How Failed Description:	Leaked; Structural
Failure Cause Code:	508;
Failure Cause Description:	Defective Component or Device;
Identification Markings:	N/A
Cont1 Packaging Type:	Drum
Cont1 Material of Construction:	Steel
Cont1 Head Type:	Removable
Cont1 Package Capacity:	55
Cont1 Package Capacity UOM:	LGA
Cont1 Package Amount:	55
Cont1 Package Amount UOM:	LGA
Cont1 Pkg Number:	60
Cont1 Pkg Shipment # Failed:	1
Cont1 Package Manufacturer:	Not reported
Cont1 Pkg Manufacturer Date:	Not reported
Cont1 Package Serial Number:	Not reported
Cont1 Package Last Test Date:	Not reported
Cont1 Test Material Of Const:	Not reported
Cont1 Pkg Dsign Pressure Rpted:	Not reported
Cont1 Dsign Pressure UOM Rpted:	Not reported
Cont1 Pkg Shell Thickness Rptd:	Not reported
Cont1 Shell Thickness UOM Rptd:	Not reported
Cont1 Head Thickness Reported:	Not reported
Cont1 Head Thickness UOM Rpted:	Not reported
Cont1 Pkg Srvc Pressure Rpted:	Not reported
Cont1 Srvc Pressure UOM Rpted:	Not reported
Cont1 Valve or Device Fail Ind:	No
Cont1 Valve or Device Type:	Not reported
Cont1 Val Device Manufacturer:	Not reported
Cont1 Valve or Device Model:	Not reported
Cont2 Package Type:	Not reported

3199 ALVARADO STREET (Continued) **2014008143**

Cont2 Material of Construction:	Not reported
Cont2 Package Capacity:	Not reported
Cont2 Capacity UOM Reported:	Not reported
Cont2 Package Amount:	Not reported
Cont2 Package Amount UOM:	Not reported
Cont2 Pkg Number in Shipment:	Not reported
Cont2 Pkg Shipment # Failed:	Not reported
RAM Package Category:	Not reported
RAM Package Certification:	FALSE
RAM Package Certification #:	Not reported
RAM Nuclide(s) Present:	Not reported
RAM Transport Index:	Not reported
RAM UOM:	Not reported
RAM Activity Rpted:	Not reported
RAM UOM Rpted:	Not reported
RAM Activity:	0
RAM Activity UOM:	Not reported
RAM Material Safety Index:	Not reported
Spillage (Ind:	Yes
Fire Ind:	No
Explosion Ind:	No
Water Sewer Ind:	No
Gas Dispersion Ind:	No
Environmental Damage:	No
No Release Ind:	No
Fire/EMS Report Ind:	No
Fire EMS/EMS Report #:	Not reported
Police Report Ind:	No
Police Report #:	Not reported
In-House Cleanup Ind:	Yes
Other Cleanup Ind:	No
Damage More Than 500:	No
Material Loss:	0
Carrier Damage:	0
Property Damage:	0
Response Cost:	0
Remediation Cleanup Cost:	0
Damage Other (Old Form):	0
Total Amount of Damages:	0
HAZMAT Fatality Indicator:	No
HAZMAT Fatalities Employees:	0
HAZMAT Fatalities Responders:	0
HAZMAT Fatality Gen. Public:	0
Hazmat Fatalities (Old Form):	0
Total Hazmat Fatalities:	Not reported
Non_HAZMAT Fatality Indicator:	No
Non-HAZMAT Fatalities:	0
HAZMAT Injury Indicator:	No
HAZMAT Hospitalized Employees:	0
HAZMAT Hospitalized Responders:	0
HAZMAT Hospitalized Gen Public:	0
HAZMAT Hospitalized (Old Form):	0
Total Hazmat Hosp Injuries:	0
HAZMAT NonHosp Employees:	0
HAZMAT NonHosp Responders:	0
HAZMAT NonHosp Gen. Public:	0
HAZMAT NonHosp (Old Form):	0

3199 ALVARADO STREET (Continued) **2014008143**

Total Hazmat NonHosp Injuries:	0
Total Hazmat Injuries:	0
Evacuation Indicator:	No
Public Evacuated:	0
Employees Evacuated:	0
Total Evacuated:	0
Total Evacuation Hours:	0
Major Artery Closed:	No
Major Artery Hours Closed:	0
Material Involved in Accident:	No
Estimated Speed:	0
Weather Conditions:	Not reported
Vehicle Overturn:	No
Vehicle Left Roadway/Track:	No
Passenger Aircraft Indicator:	No
Cargo Passenger Baggage Ind:	Not reported
Incident Occurrence:	Not reported
Shipphase Non-Transported Ind:	No
Shipphase Air First Flight Ind:	No
Shipphase Air SubFlight Ind:	No
Shipphase Init Transport Ind:	No
Shipphase Transfer Indicator:	No
Contact Name:	WALT WRIGHT
Contact Title:	SENIOR SAFETY ANALYST
Contact Business Name:	CON-WAY TRUCKLOAD INC.
Contact Street:	4701 E. 32ND STREET
Contact City:	JOPLIN
Contact State:	MO
Contact Postal Code:	64804
Contact Non-US State:	Not reported
Contact Country:	US
Preparer of Incident Report:	Carrier
Description of Events:	EMI JOB #35267/CON-WAY TRUCKLOAD INC.- INCIDENT #2014-061354; ON 06-09-14 A CON-WAY TRUCKLOD INC. (CTI) TRACTOR-TRAILER UNIT (TRAILER #44387) ARRIVED AT THE CONSIGNEE'S FACILITY TO DELIVER A LOAD OF PRODUCTS. THE PRODUCTS WERE CLASS 3 HAZARDOUS MATERIALS AND NON-REGULATED MATERIALS. THE MATERIALS WERE PACKAGED IN 55-GALLON DRUMS 5-GALLON PAILS AND CARTONS. WHILE UNLOADING THE ITEMS IT WAS DISCOVERED THAT A 55-GALLON DRUM (UN1210 PRINTING INK 3 PG II) WAS LEAKING IN THE CTI TRAILER. UPON INSPECTION OF THE DRUM IT WAS OBSERVED THAT THE PRODUCT WAS WEEPING FROM THE SEAM ON THE BOTTOM OF THE DRUM (PACKAGING FAILURE). LESS THAN ONE PINT OF THE PRODUCT HAD BEEN RELEASED AND IMPACTED A SMALL AREA OF THE TRAILER FLOOR. CONSIGNEE PERSONNEL PLACED THE LEAKING DRUM INTO AN OVERPACK DRUM AND CLEANED THE TRAILER FLOOR. THE CONSIGNEE ACCEPTED THE DAMAGED DRUM. NO FURTHER ACTION WAS REQUIRED
Recommendations/Actions Taken:	Continue our on going efforts in driver safety/spill prevention training in efforts in preventing incidents as these from happening.
HMIS Serious Incident Ind:	No
HMIS Serious Fatality:	No
HMIS Serious Injury:	No
HMIS Serious Flight Plan:	No
HMIS Serious Evacuations:	No
HMIS Serious Major Artery:	No
HMIS Serious Bulk Release:	No
HMIS Serious Marine Pollutant:	No
HMIS Serious Radioactive:	No

3199 ALVARADO STREET (Continued) **2014008143**

HMIS General Package Type: OHMIR.Ref_Container.descr
HMIS Container Code: 1A1
HMIS Container Description: Non-removable head steel drum
HMIS Bulk Incident Indicator: No
Undeclared Shipment: No

A14 **DEPENDABLE HIGHWAY EXPRESS** **HWTS** **S113798452**
Target **3199 ALVARADO ST** **HAZNET** **N/A**
Property **SAN LEANDRO, CA 94577**

Site 14 of 14 in cluster A

Actual:
31 ft.

HWTS:
Name: DEPENDABLE HIGHWAY EXPRESS
Address: 3199 ALVARADO ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAL000348836
Inactive Date: Not reported
Create Date: 12/17/2009
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 58047
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900580047
Owner Name: DEPENDABLE HIGHWAY EXPRESS INC
Owner Address: 2555 E OLYMPIC BLVD
Owner Address 2: Not reported
Owner City,State,Zip: LOS ANGELES, CA 900232605
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: DENNIS SMITH
Contact Address: PO BOX 58047
Contact Address 2: Not reported
City,State,Zip: LOS ANGELES, CA 90058
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.7029
Longitude: -122.15049

NAICS:
EPA ID: CAL000348836
Create Date: 2009-12-17 11:07:25.320
NAICS Code: 48849
NAICS Description: Other Support Activities for Road Transportation
Issued EPA ID Date: 2009-12-17 11:07:25.30300
Inactive Date: Not reported
Facility Name: DEPENDABLE HIGHWAY EXPRESS
Facility Address: 3199 ALVARADO ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 945775709

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

HAZNET:

Name:	DEPENDABLE HIGHWAY EXPRESS
Address:	3199 ALVARADO ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945775709
Contact:	WAYNE CARSON
Telephone:	3235262222
Mailing Name:	Not reported
Mailing Address:	PO BOX 58047
Year:	2017
Gepaid:	CAL000348836
TSD EPA ID:	CAD059494310
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:	0.1
Year:	2017
Gepaid:	CAL000348836
TSD EPA ID:	NVT330010000
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:	16.856
Year:	2016
Gepaid:	CAL000348836
TSD EPA ID:	CAD059494310
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1251
Year:	2014
Gepaid:	CAL000348836
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:	0.209
Year:	2014
Gepaid:	CAL000348836
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.2805
Year:	2013
Gepaid:	CAL000348836
TSD EPA ID:	CAD008252405
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.2805

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Year:	2013
Gepaid:	CAL000348836
TSD EPA ID:	CAT080013352
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:	0.147
Year:	2013
Gepaid:	CAL000348836
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.075
Year:	2013
Gepaid:	CAL000348836
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.561
Year:	2012
Gepaid:	CAL000348836
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.4025

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:

Year:	2017
Gen EPA ID:	CAL000348836
Shipment Date:	20170816
Creation Date:	6/13/2018 18:31:39
Receipt Date:	20170828
Manifest ID:	006162916SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE
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)

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

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:	20170418
Creation Date:	5/11/2018 18:34:42
Receipt Date:	20170419
Manifest ID:	016012401JJK
Trans EPA ID:	CAR000180737
Trans Name:	PONDER ENVIRONMENTAL SERVICES 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:	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:	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:	20170329
Creation Date:	5/9/2018 18:32:25
Receipt Date:	20170410
Manifest ID:	005901946SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD059494310
Trans Name:	CLEAN HARBORS SAN JOSE
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:	0.05
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Additional Code 5:	Not reported

Additional Information:

Year:	2014
Gen EPA ID:	CAL000348836
Shipment Date:	20140312
Creation Date:	8/14/2014 22:15:12
Receipt Date:	20140327
Manifest ID:	005184512FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2805
Waste Quantity:	85
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:	20140312
Creation Date:	6/6/2014 22:15:14
Receipt Date:	20140325
Manifest ID:	005184511FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
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:	0.209
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Additional Information:

Year:	2013
Gen EPA ID:	CAL000348836
Shipment Date:	20130327
Creation Date:	6/7/2013 22:15:20
Receipt Date:	20130329
Manifest ID:	011273105JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
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:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.147
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:	20130109
Creation Date:	6/19/2013 22:15:16
Receipt Date:	20130115
Manifest ID:	005186250FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2805
Waste Quantity:	85
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:	20130109
Creation Date:	6/19/2013 22:15:07
Receipt Date:	20130122
Manifest ID:	005186249FLE

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.561
Waste Quantity:	170
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:	20130109
Creation Date:	6/19/2013 22:15:07
Receipt Date:	20130122
Manifest ID:	005186249FLE
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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

Additional Information:

Year:	2012
Gen EPA ID:	CAL000348836

Shipment Date:	20121219
Creation Date:	5/14/2013 22:15:27
Receipt Date:	20130102
Manifest ID:	011037686JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.325
Waste Quantity:	650
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:	20121219
Creation Date:	5/14/2013 22:15:27
Receipt Date:	20130102
Manifest ID:	011037686JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
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:	20121219
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20130108
Manifest ID:	011037695JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

	Regeneration, Organics Recovery Ect
Quantity Tons:	0.2805
Waste Quantity:	85
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:	20121219
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20130108
Manifest ID:	011037695JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2805
Waste Quantity:	85
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:	20121219
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20130108
Manifest ID:	011037695JJK
Trans EPA ID:	CAR000206086
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.8415
Waste Quantity:	255
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **S113798452**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120815
Creation Date:	10/10/2012 22:15:09
Receipt Date:	20120816
Manifest ID:	010021419JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL 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:	0.15
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

B15 **STANDARD T CHEMICAL COMPANY INC.** **RCRA-SQG** **1000310582**
NE **3016 ALVARADO STREET** **FINDS** **CAD046410833**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.018 mi.
93 ft. **Site 1 of 10 in cluster B**

Relative: **Higher**
Actual: **33 ft.**

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Standard T Chemical Company Inc.
Handler Address:	Alvarado Street
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD046410833
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
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:	2
Mailing Address:	ALVARADO STREET
Mailing City,State,Zip:	SAN LEANDRO, CA 94577

STANDARD T CHEMICAL COMPANY INC. (Continued) **1000310582**

Owner Name:	Montgomery Ward & Company Inc.
Owner Type:	Private
Operator Name:	Standard T Chemical Co. 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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: STANDARD T CHEMICAL CO. INC.	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3016 ALVARADO STREET
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	415-357-2900
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

STANDARD T CHEMICAL COMPANY INC. (Continued) **1000310582**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MONTGOMERY WARD & COMPANY INC.
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: TWO MONTGOMERY WARD PLAZA
Owner/Operator City,State,Zip: CHICAGO, IL 60671
Owner/Operator Telephone: 312-467-2129
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: STANDARD T CHEMICAL COMPANY INC.
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: 32551
NAICS Description: PAINT AND COATING MANUFACTURING

NAICS Code: 325611
NAICS Description: SOAP AND OTHER DETERGENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002646334

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

STANDARD T CHEMICAL COMPANY INC. (Continued) **1000310582**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000310582
Registry ID: 110002646334

DFR URL:
Name: STANDARD T CHEMICAL COMPANY INC.
Address: 3016 ALVARADO STREET
City,State,Zip: SAN LEANDRO, CA 94577

B16 **DEPENDABLE HIGHWAY EXPRESS** **RCRA NonGen / NLR** **1026805860**
NE **3012 ALVARADO ST** **CAC003118051**
< 1/8 **SAN LEANDRO, CA 94577**
0.019 mi.
98 ft. **Site 2 of 10 in cluster B**

Relative: Higher
Actual: 33 ft.

RCRA Listings:

Date Form Received by Agency:	20210504
Handler Name:	Dependable Highway Express
Handler Address:	3012 Alvarado St
Handler City,State,Zip:	SAN LEANDRO, CA 94577-5735
EPA ID:	CAC003118051
Contact Name:	PAUL KOLTERMAN
Contact Address:	3012 ALVARADO ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577-5735
Contact Telephone:	509-263-5579
Contact Fax:	Not reported
Contact Email:	PAUL.KOLTERMAN@GODEPENDABLE.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:	3012 ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577-5735
Owner Name:	Dependable Supply Zchain Services
Owner Type:	Other
Operator Name:	Paul Kolterman
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

DEPENDABLE HIGHWAY EXPRESS (Continued) **1026805860**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20210514
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: PAUL KOLTERMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3012 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577-5735
Owner/Operator Telephone:	509-263-5579
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DEPENDABLE SUPPLY ZCHAIN SERVICES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2555 E OLYMPIC BLVD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90023-2605
Owner/Operator Telephone:	323-526-2222
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DEPENDABLE HIGHWAY EXPRESS (Continued) **1026805860**

Historic Generators:
- Receive Date: 20210504
- Handler Name: DEPENDABLE HIGHWAY EXPRESS
- 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: 484110
- NAICS Description: GENERAL FREIGHT TRUCKING, LOCAL

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B17 **DHE** **RCRA NonGen / NLR** **1026717212**
NE **3012 ALVARADO STREET** **E MANIFEST** **CAC003105728**
< 1/8 **SAN LEANDRO, CA 94577**
0.019 mi.
98 ft. **Site 3 of 10 in cluster B**

Relative: **Higher**
Actual: **33 ft.**

RCRA Listings:
- Date Form Received by Agency: 20210216
- Handler Name: Ward Trucking
- Handler Address: 3012 Alvarado Street
- Handler City,State,Zip: SAN LEANDRO, CA 94577
- EPA ID: CAC003105728
- Contact Name: JESSICA NOVAK
- Contact Address: 4684 BENTWOOD ROAD
- Contact City,State,Zip: NEW WATERFORD, OH 44445
- Contact Telephone: 216-859-9755
- Contact Fax: Not reported
- Contact Email: JNOVAK@SUSTAINWASTE.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: 1436 WARD TRUCKING DRIVE
- Mailing City,State,Zip: ALTOONA, PA 16602
- Owner Name: Victoria Nagle

DHE (Continued) **1026717212**

Owner Type:	Other
Operator Name:	Jessica Novak
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20210226
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: VICTORIA NAGLE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1436 WARD TRUCKING DRIVE
Owner/Operator City,State,Zip:	ALTOONA, PA 16602
Owner/Operator Telephone:	814-947-1316
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DHE (Continued) **1026717212**

Owner/Operator Indicator: Operator
Owner/Operator Name: JESSICA NOVAK
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4684 BENTWOOD ROAD
Owner/Operator City,State,Zip: NEW WATERFORD, OH 44445
Owner/Operator Telephone: 216-859-9755
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210216
Handler Name: WARD TRUCKING
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: 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

E MANIFEST:
Manifest Tracking Number: 015482194JJK
Last Updated Date: 20210409
Shipped Date: 20210216
Received Date: 20210223
Manifest Status: Corrected
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAC003105728
Generator Name: Dhe
Generator Location Street Number: Not reported
Generator Location Street 1: 3012 ALVARADO STREET
Generator Location Street 2: Not reported
Generator Location City: SAN LEANDRO
Generator Location State: CA
Generator Location Zip: 94577
Generator Mail Street Number: 1436
Generator Mail Street 1: WARD TRUCKING DRIVE

DHE (Continued) **1026717212**

Generator Mail Street 2:	Not reported
Generator Mail City:	Altoona
Generator Mail Zip:	16602
Generator Mail State:	PA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD028409019
Designated Facility Name:	Crosby & Overton
Designated Facility Mail Street Number:	1630
Designated Facility Mail Street 1:	CA90813 CA037US 1630
Designated Facility Mail Street 2:	W. 17TH STREET
Designated Facility Mail City:	LONG BEACH
Designated Facility Mail Zip:	90813
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1630
Designated Facility Location Street 1:	W. 17TH STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LONG BEACH
Designated Facility Location Zip:	90813-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	015482194JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Transporter:

Manifest Tracking Number:	015482194JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD053866794
Transporter Name:	Patriot Environmental Services

Waste Line:

Manifest Tracking Number:	015482194JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON RCRA HAZARDOUS WASTE SOLID
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	250
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.125
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.125
Waste Quantity, in Kilograms:	113.37875
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.37875
Management Method Code:	H141

DHE (Continued) **1026717212**

Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

B18 **UNISOURCE** **RCRA-SQG 1000597433**
NNE **3004 ALVARADO ST** **FINDS CAD983614447**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.020 mi.
107 ft. **Site 4 of 10 in cluster B**

Relative: **Higher**

Actual: **33 ft.**

RCRA Listings:

Date Form Received by Agency:	19911204
Handler Name:	Unisource
Handler Address:	Alvarado St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD983614447
Contact Name:	MIKE CONWAY
Contact Address:	3004 ALVARADO ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-614-0171
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:	Ca
State District:	4
Mailing Address:	ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Unisource
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

UNISOURCE (Continued) **1000597433**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: UNISOURCE	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3004 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-614-0171
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19911204
Handler Name: UNISOURCE	
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

UNISOURCE (Continued) **1000597433**

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

FINDS:
Registry ID: 110002865784

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000597433
Registry ID: 110002865784

DFR URL:
Name: UNISOURCE
Address: 3004 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577

B19 **STANDARD T CHEMICAL COMPANY INC.** **PFAS ECHO** **1027422892**
NNE **N/A**
< 1/8 **SAN LEANDRO, CA**
0.032 mi.
171 ft. **Site 5 of 10 in cluster B**

Relative: Higher
Actual: 34 ft.

PFAS ECHO:
Name: Standard T Chemical Company Inc.
Address: Not reported
City,State,Zip: SAN LEANDRO, CA
Latitude: 37.705533
Longitude: -122.152158
Count: 1
County: ALAMEDA
Status: Active
Region: 09
Industry: Cleaning Product Mfg

STANDARD T CHEMICAL COMPANY INC. (Continued) **1027422892**

ECHO Facility Report:

Facility Percent Minority:	76.504
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6800.76
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805
Facility Derived CD113:	13
Facility Derived CB2010:	060014332004016
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAD046410833
RCRA Permit Types:	SQG
RCRA NAICS:	325611 32551
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-

STANDARD T CHEMICAL COMPANY INC. (Continued) **1027422892**

TRI Reporter: -
Facility IMP Water Flag: -
EJSCREEN Flag US: Y

EJSCREEN Report:

B20 **MONTGOMERY WARD** **UST FINDER RELEASE** **1029045048**
NNE **3000 ALVARADO** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.037 mi.
193 ft. **Site 6 of 10 in cluster B**

Relative:
Higher

Actual:
34 ft.

UST FINDER RELEASE:

Object ID:	43049
Facility ID:	Not reported
Lust ID:	CAT0600100935
Name:	MONTGOMERY WARD
Address:	3000 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	680
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15202
Y Coord:	37.70536
Latitude:	37.7053599999999
Longitude:	-122.152019999999

B21
NNE
< 1/8
0.037 mi.
193 ft.

MONTGOMERY WARD AND CO INC
3000 ALVARADO STREET
SAN LEANDRO, CA 94577

HIST UST **U001598443**
N/A

Site 7 of 10 in cluster B

Relative:
Higher

Actual:
34 ft.

HIST UST:

Name:	MONTGOMERY WARD AND CO INC
Address:	3000 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	00036184
URL:	
Region:	STATE
Facility ID:	00000007037
Facility Type:	Other
Other Type:	APPLIANCE REPAIR
Contact Name:	CHUCK DUNCAN
Telephone:	4157990513
Owner Name:	MONTGOMERY WARD & CO.
Owner Address:	3000 ALVARADO ST
Owner City,St,Zip:	SAN LEANDRO, CA 94577
Total Tanks:	0001
Tank Num:	001
Container Num:	1568
Year Installed:	1965
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	001
Container Num:	1568
Year Installed:	1965
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

B22
NNE
< 1/8
0.037 mi.
193 ft.

MONTGOMERY WARD & CO., INC.
3000 ALVARADO ST
SAN LEANDRO, CA 94577

HIST UST **U001598442**
N/A

Site 8 of 10 in cluster B

Relative:
Higher

Actual:
34 ft.

HIST UST:

Name:	MONTGOMERY WARD & CO., INC.
Address:	3000 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000064314
Facility Type:	Other
Other Type:	TRUCK FLEET TERMINAL

MONTGOMERY WARD & CO., INC. (Continued) **U001598442**

Contact Name:	JOSEPH RIBAUDO, JR.
Telephone:	4153577800
Owner Name:	MONTGOMERY WARD & CO., INC.
Owner Address:	3000 ALVARADO STREET
Owner City,St,Zip:	SAN LEANDRO, CA 94577
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00030000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00030000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00030000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

B23 **MONTGOMERY WARD & CO. INC.** **LUST** **U001598441**
NNE **3000 ALVARADO ST** **HIST UST** **N/A**
< 1/8 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.037 mi. **CERS**
193 ft. **Site 9 of 10 in cluster B**

Relative:
Higher

Actual:
34 ft.

LUST:

Name:	MONTGOMERY WARD
Address:	3000 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	
Global Id:	T0600100935
Latitude:	37.706535
Longitude:	-122.149308
Status:	Completed - Case Closed
Status Date:	05/11/1995
Case Worker:	UNK
RB Case Number:	01-1013
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1013

MONTGOMERY WARD & CO. INC. (Continued) **U001598441**

Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/08/1986
Leak Reported Date:	09/08/1986
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	05/11/1995
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100935
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600100935
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600100935
Action Type:	Other
Date:	09/08/1986
Action:	Leak Discovery

Global Id:	T0600100935
Action Type:	ENFORCEMENT
Date:	05/11/1995
Action:	Closure/No Further Action Letter

Global Id:	T0600100935
Action Type:	Other

MONTGOMERY WARD & CO. INC. (Continued) **U001598441**

Date: 09/08/1986
Action: Leak Reported

Global Id: T0600100935
Action Type: Other
Date: 09/08/1986
Action: Leak Stopped

LUST:
Global Id: T0600100935
Status: Open - Case Begin Date
Status Date: 09/08/1986

Global Id: T0600100935
Status: Open - Site Assessment
Status Date: 03/30/1987

Global Id: T0600100935
Status: Open - Site Assessment
Status Date: 04/06/1988

Global Id: T0600100935
Status: Completed - Case Closed
Status Date: 05/11/1995

HIST UST:
Name: MONTGOMERY WARD & CO. INC.
Address: 3000 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000065517
Facility Type: Other
Other Type: DISTRIBUTION CENTER
Contact Name: SCOTT MCBRIDE
Telephone: 4155331300
Owner Name: MONTGOMERY WARD AND CO. INC.
Owner Address: ONE MONTGOMERY WARD PLAZA
Owner City,St,Zip: CHICAGO, IL 60671
Total Tanks: 0009

Tank Num: 001
Container Num: #2
Year Installed: 1965
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: #3
Year Installed: 1965
Tank Capacity: 00007500

MONTGOMERY WARD & CO. INC. (Continued) **U001598441**

Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	003
Container Num:	#4
Year Installed:	1965
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	004
Container Num:	#5
Year Installed:	1974
Tank Capacity:	00009980
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	005
Container Num:	#6
Year Installed:	1974
Tank Capacity:	00009980
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	006
Container Num:	#7
Year Installed:	1965
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	007
Container Num:	#8
Year Installed:	1965
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	008
Container Num:	#9
Year Installed:	1965
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported

MONTGOMERY WARD & CO. INC. (Continued) **U001598441**

Leak Detection: Visual, Stock Inventor

Tank Num: 009
Container Num: #10
Year Installed: 1965
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

HIST CORTESE:
edr_fname: MONTGOMERY WARD
edr_fadd1: 3000 ALVARADO
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1013

CERS:
Name: MONTGOMERY WARD
Address: 3000 ALVARADO
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 880626
CERS ID: T0600100935
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: UNK - SAN LEANDRO, CITY OF
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: r2 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

B24 **MONTGOMERY WARD** **LUST** **S105036288**
NNE **3000 ALVARADO** **Cortese** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.037 mi.
193 ft. **Site 10 of 10 in cluster B**

Relative:
Higher

Actual:
34 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1013
Facility Status:	Case Closed
Case Number:	01-1013
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	3/30/1987
Preliminary Site Assesment Began:	4/6/1988
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	MONTGOMERY WARD
Address:	3000 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600100935
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

C25 **AMPECO** **RCRA-SQG** **1000201004**
NW **3051 TEAGARDEN ST** **FINDS** **CAD982039034**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.038 mi.
201 ft. **Site 1 of 11 in cluster C**

Relative:
Higher

Actual:
33 ft.

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Ampeco
Handler Address:	Teagarden St

AMPECO (Continued) **1000201004**

Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD982039034
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
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:	2
Mailing Address:	TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Jotco
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

AMPECO (Continued) **1000201004**

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: 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: JOTCO	
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:	19960901
Handler Name: AMPECO	
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

AMPECO (Continued) **1000201004**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002784871

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000201004
Registry ID: 110002784871

DFR URL:
Name: AMPECO
Address: 3051 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577

C26 **FARMER BROS CO** **RCRA-SQG** **1007989111**
WNW **3041 TEA GARDEN** **CAR000160564**
< 1/8 **SAN LEANDRO, CA 94577**
0.038 mi.
201 ft. **Site 2 of 11 in cluster C**

Relative:
Higher

Actual:
32 ft.

RCRA Listings:

Date Form Received by Agency:	20050209
Handler Name:	Farmer Bros Co
Handler Address:	3041 Tea Garden
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAR000160564
Contact Name:	MIKE ALEXANDER
Contact Address:	3041 TEA GARDEN
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-483-1133
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:	3041 TEA GARDEN

FARMER BROS CO (Continued) **1007989111**

Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Farmer Bros Co
Owner Type:	Private
Operator Name:	Farmer Bros Co
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20050520
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:	D002
Waste Description:	Corrosive Waste

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: FARMER BROS CO	
Legal Status:	Private
Date Became Current:	19900101

FARMER BROS CO (Continued) **1007989111**

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: FARMER BROS CO	
Legal Status:	Private
Date Became Current:	19900101
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:	20050209
Handler Name: FARMER BROS CO	
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 Code:	42449
NAICS Description:	OTHER GROCERY AND RELATED PRODUCTS MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C27 **PRO COLORFLEX INK CORPORATION** **CERS HAZ WASTE** **S126396559**
NW **3053 TEAGARDEN ST** **HWTS** **N/A**
< 1/8 **SAN LEANDRO, CA 94577** **HAZNET**
0.041 mi. **CERS**
217 ft. **Site 3 of 11 in cluster C**

Relative: **Higher**
Actual: **33 ft.**

CERS HAZ WASTE:

Name:	PRO COLORFLEX INK CORPORATION
Address:	3053 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	575782

PRO COLORFLEX INK CORPORATION (Continued) **S126396559**

CERS ID: 10872193
CERS Description: Hazardous Waste Generator

HWTS:
Name: PRO COLORFLEX INK CORPORATION
Address: 3053 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAL000455849
Inactive Date: Not reported
Create Date: 07/27/2020
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3053 TEAGARDEN STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770000
Owner Name: PRO COLORFLEX INK CORPORATION
Owner Address: 3053 TEAGARDEN STREET
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945770000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: RICK DUARTE
Contact Address: 3053 TEAGARDEN STREET
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.623275
Longitude: -122.121039

NAICS:
EPA ID: CAL000455849
Create Date: 2020-07-27 16:12:11.047
NAICS Code: 325910
NAICS Description: Printing Ink Manufacturing
Issued EPA ID Date: 2020-07-27 16:12:11
Inactive Date: Not reported
Facility Name: PRO COLORFLEX INK CORPORATION
Facility Address: 3053 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 94577

HAZNET:
Name: PRO COLORFLEX INK CORPORATION
Address: 3053 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact: RICK DUARTE
Telephone: 5102933033

PRO COLORFLEX INK CORPORATION (Continued) **S126396559**

Mailing Name: Not reported
Mailing Address: 3053 TEAGARDEN STREET

Year: 2021
Gepaid: CAL000455849
TSD EPA ID: CAD008252405
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: 0.87872

CERS:
Name: PRO COLORFLEX INK CORPORATION
Address: 3053 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 575782
CERS ID: 10872193
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 575782
Site Name: Pro Colorflex Ink Corporation
Violation Date: 10-13-2021
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 10/19/2021. Drum of Non-RCRA hazwaste ink not properly labeled.
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

PRO COLORFLEX INK CORPORATION (Continued) **S126396559**

Enforcement Action:

Site ID:	575782
Site Name:	Pro Colorflex Ink Corporation
Site Address:	3053 TEAGARDEN ST
Site City:	SAN LEANDRO
Site Zip:	94577
Enf Action Date:	10-13-2021
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 Leandro City
Enf Action Program:	HW
Enf Action Source:	CERS,

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	RICK DUARTE, GENERAL MANAGER
Entity Title:	Not reported
Affiliation Address:	3053 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 293-3033,

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

Affiliation Type Desc:	Document Preparer
Entity Name:	RICK DUARTE
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:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Rick Duarte
Entity Title:	Not reported
Affiliation Address:	3053 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address

PRO COLORFLEX INK CORPORATION (Continued) **S126396559**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3053 Teagarden Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	RICK DUARTE
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:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	PRO COLORFLEX INK CORPORATION
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:	,
Affiliation Type Desc:	Operator
Entity Name:	RICK DUARTE, GENERAL MANAGER
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:	(510) 293-3033,

28
North
< 1/8
0.050 mi.
262 ft.

SODAGLASS, INC **PFAS ECHO** **1027420558**
N/A

SAN LEANDRO, CA

Relative:
Higher

Actual:
34 ft.

PFAS ECHO:

Name:	Sodaglass, Inc
Address:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Latitude:	37.705172
Longitude:	-122.153738
Count:	1
County:	ALAMEDA
Status:	Unknown
Region:	09
Industry:	Glass Products

SODAGLASS, INC (Continued) **1027420558**

ECHO Facility Report:

Facility Percent Minority:	76.681
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6816.8
EPA Programs:	-
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805
Facility Derived CD113:	13
Facility Derived CB2010:	060014332004009
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	-
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-

SODAGLASS, INC (Continued) **1027420558**

TRI Reporter: -
Facility IMP Water Flag: -
EJSCREEN Flag US: Y

EJSCREEN Report:

C29 **UPS GROUND FREIGHT INC DBA UPS FREIGHT** **CERS HAZ WASTE** **S113178527**
NNW **3050 TEAGARDEN ST** **HWTS** **N/A**
< 1/8 **SAN LEANDRO, CA 94577** **HAZNET**
0.063 mi. **CERS**
333 ft. **Site 4 of 11 in cluster C**

Relative: Higher

Actual: 34 ft.

CERS HAZ WASTE:
Name: TFORCE FREIGHT - SAN LEANDRO
Address: 3050 TEAGARDEN STREET
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 405100
CERS ID: 10156213
CERS Description: Hazardous Waste Generator

HWTS:
Name: SAN LEANDRO CA
Address: 3050 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAR000188086
Inactive Date: Not reported
Create Date: 11/15/2007
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3050 TEAGARDEN ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 94577
Owner Name: TFORCE FREIGHT INC
Owner Address: 1000 SEMMES AVE
Owner Address 2: Not reported
Owner City,State,Zip: RICHMOND, VA 23224
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: KEN RECKE
Contact Address: 1000 SEMMES AVE
Contact Address 2: Not reported
City,State,Zip: RICHMOND, VA 23224
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.705419
Longitude: -122.153283

NAICS:
EPA ID: CAR000188086
Create Date: 2009-12-03 12:41:18.000
NAICS Code: 48423
NAICS Description: Specialized Freight (except Used Goods) Trucking, Long-Distance
Issued EPA ID Date: 2007-11-15 11:52:32.99300
Inactive Date: Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Facility Name:	UPS GROUND FREIGHT
Facility Address:	3050 TEAGARDEN ST
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	945770000

HAZNET:

Name:	SAN LEANDRO CA
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Contact:	KEN RECKE
Telephone:	8042915850
Mailing Name:	Not reported
Mailing Address:	3050 TEAGARDEN ST
Year:	2021
Gepaid:	CAR000188086
TSD EPA ID:	AZD081705402
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:	0.0875
Year:	2021
Gepaid:	CAR000188086
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:	0.8275
Year:	2021
Gepaid:	CAR000188086
TSD EPA ID:	AZD081705402
CA Waste Code:	561 - Detergent waste chemicals
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.05
Year:	2021
Gepaid:	CAR000188086
TSD EPA ID:	AZD081705402
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.03
Year:	2021
Gepaid:	CAR000188086
TSD EPA ID:	AZD081705402
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:	0.795

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year: 2021
Gepaid: CAR000188086
TSD EPA ID: AZD081705402
CA Waste Code: 512 - Other empty containers 30 gallons or more
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0425

Year: 2021
Gepaid: CAR000188086
TSD EPA ID: OHD980613541
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.04

Year: 2021
Gepaid: CAR000188086
TSD EPA ID: AZD081705402
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1475

Year: 2021
Gepaid: CAR000188086
TSD EPA ID: AZD081705402
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.23

Year: 2021
Gepaid: CAR000188086
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.62552

Click this hyperlink while viewing on your computer to access
211 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:
Year: 2021
EM Manifest ID: Not reported
Shipment Date: 9/23/2020
Shipment Date: 9/23/2020
Receipt Date: 10/5/2020
Manifest Number: 001094200WAS
Generator EPA ID: CAR000188086
Name: UPS FREIGHT SAN LEANDRO
Address: TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Telephone: Not reported
Contact: Not reported
Contact Telephone: 877-217-7771
Contact Email: KCERIOTTI@UPSFREIGHT.COM

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.345
Waste Quantity:	690
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/5/2020
Manifest Number:	001094200WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	331 - Not reported
RCRA Code:	D001,D002
Meth Code:	H141 - Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/5/2020
Manifest Number:	001094200WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	331 - Not reported
RCRA Code:	D001
Meth Code:	H141 - Not reported
Quantity Tons:	0.335
Waste Quantity:	670
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/30/2020
Manifest Number:	001094201WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	ALVINSOLIS@UPS.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	1250 SAINT GEORGE ST

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF Address 2:	Not reported
TSDF City,State,Zip:	EAST LIVERPOOL, OH 43920
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	141,331 - Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Not reported
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	181 - Not reported
RCRA Code:	D004,D008
Meth Code:	H141 - Not reported
Quantity Tons:	0.0525
Waste Quantity:	105

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	8/17/2020
Shipment Date:	8/17/2020
Receipt Date:	8/20/2020
Manifest Number:	021913508JJK
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	KIRK CERIOTTI
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	CAR000188086
Transporter Name:	UPS FREIGHT SAN LEANDRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD028409019
TSDF Name:	CROSBY & OVERTON
TSDF Address 1:	W. 17TH STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	LONG BEACH, CA 90813-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	512,513 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	7/6/2020
Shipment Date:	7/6/2020
Receipt Date:	7/11/2020
Manifest Number:	001039306WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	SALT RIVER EXTRACTION
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	181 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P

Additional Information:

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/5/2020
Manifest Number:	001094200WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	331 - Not reported
RCRA Code:	D001
Meth Code:	H141 - Not reported
Quantity Tons:	0.335
Waste Quantity:	670
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/5/2020
Manifest Number:	001094200WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.345
Waste Quantity:	690
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/30/2020
Manifest Number:	001094201WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	ALVINSOLIS@UPS.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	1250 SAINT GEORGE ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	EAST LIVERPOOL, OH 43920
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	141,331 - Not reported
RCRA Code:	Not reported
Meth Code:	H040 - Not reported
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	9/23/2020
Shipment Date:	9/23/2020
Receipt Date:	10/5/2020
Manifest Number:	001094200WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	331 - Not reported
RCRA Code:	D001,D002
Meth Code:	H141 - Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	D002
Meth Code:	H141 - Not reported
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	8/26/2020
Shipment Date:	8/26/2020
Receipt Date:	9/8/2020
Manifest Number:	001072474WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	181 - Not reported
RCRA Code:	D004,D008
Meth Code:	H141 - Not reported
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	8/17/2020
Shipment Date:	8/17/2020
Receipt Date:	8/20/2020
Manifest Number:	021913508JJK
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Telephone:	Not reported
Contact:	KIRK CERIOTTI
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	CAR000188086
Transporter Name:	UPS FREIGHT SAN LEANDRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD028409019
TSDF Name:	CROSBY & OVERTON
TSDF Address 1:	W. 17TH STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	LONG BEACH, CA 90813-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	512,513 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	7/6/2020
Shipment Date:	7/6/2020
Receipt Date:	7/11/2020
Manifest Number:	001039306WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	KCERIOTTI@UPSFREIGHT.COM
Transporter 1 EPA ID:	IND058484114
Transporter Name:	HERITAGE TRANSPORT LLC
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	SALT RIVER EXTRACTION
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 E STOREY RD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE, AZ 85128
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	343 - Not reported
RCRA Code:	D001
Meth Code:	H141 - Not reported
Quantity Tons:	0.13
Waste Quantity:	260

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit: P

Additional Information:
Year: 2019
EM Manifest ID: 797139
Shipment Date: 9/24/2018
Shipment Date: 9/24/2018
Receipt Date: 10/12/2018
Manifest Number: 000927159WAS
Generator EPA ID: CAR000188086
Name: UPS GROUND FREIGHT INC
Address: 3050 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577-0000
Telephone: 800-326-1221
Contact: Not reported
Contact Telephone: 877-217-7771
Contact Email: Not reported
Transporter 1 EPA ID: IND058484114
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: AZR000516211
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: CAT080013352
TSDF Name: DEMENNO/KERDOON
TSDF Address 1: 2000 N. ALAMEDA STREET
TSDF Address 2: Not reported
TSDF City,State,Zip: COMPTON 90222-0000
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: 797139
Generator EPA ID: CAR000188086
Shipment Date: 2018-09-24
Manifest Number: 000927159WAS
Line Number: 1
Method Code: H039
Quantity Tons: 0.30000
Quantity Waste: 600.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 343

Year: 2019
EM Manifest ID: 677769

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	9/24/2018
Shipment Date:	9/24/2018
Receipt Date:	10/10/2018
Manifest Number:	000927158WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	714-502-2570
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03750
Quantity Waste:	75.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.21250
Quantity Waste:	425.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	8

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Method Code:	H141
Quantity Tons:	0.08000
Quantity Waste:	160.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03750
Quantity Waste:	75.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2019
EM Manifest ID:	677769

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.21250
Quantity Waste:	425.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	6
Method Code:	NULL
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	7
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	9
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	10
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	11
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2019
EM Manifest ID:	677769
Generator EPA ID:	CAR000188086
Shipment Date:	2018-09-24
Manifest Number:	000927158WAS
Line Number:	12
Method Code:	H141
Quantity Tons:	0.03750
Quantity Waste:	75.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2019
EM Manifest ID:	635738
Shipment Date:	9/23/2019
Shipment Date:	9/23/2019
Receipt Date:	10/7/2019
Manifest Number:	000861523WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.25500
Quantity Waste:	510.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.12250
Quantity Waste:	245.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.12750
Quantity Waste:	255.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.12750
Quantity Waste:	255.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U134

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05250
Quantity Waste:	105.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.25500
Quantity Waste:	510.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	791
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.06000
Quantity Waste:	120.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.12750
Quantity Waste:	255.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	791
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	8
Method Code:	H141
Quantity Tons:	0.25250
Quantity Waste:	505.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	9
Method Code:	H141
Quantity Tons:	0.33000

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Waste:	660.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	10
Method Code:	H141
Quantity Tons:	0.21250
Quantity Waste:	425.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	11
Method Code:	H141
Quantity Tons:	0.21500
Quantity Waste:	430.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135
Year:	2019
EM Manifest ID:	635738
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	000861523WAS
Line Number:	13
Method Code:	H141
Quantity Tons:	0.07000
Quantity Waste:	140.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	47781
Shipment Date:	9/23/2019
Shipment Date:	9/23/2019

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Receipt Date:	10/29/2019
Manifest Number:	001028887WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	1250 SAINT GEORGE ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	EAST LIVERPOOL 43920
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	47781
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	001028887WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	47781
Generator EPA ID:	CAR000188086
Shipment Date:	2019-09-23
Manifest Number:	001028887WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.00500
Quantity Waste:	10.000000

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	543237
Shipment Date:	8/5/2019
Shipment Date:	8/5/2019
Receipt Date:	8/20/2019
Manifest Number:	000945892WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	543237
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-05
Manifest Number:	000945892WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.40000
Quantity Waste:	800.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2019
EM Manifest ID:	543237
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-05
Manifest Number:	000945892WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.40000
Quantity Waste:	800.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D004

Year:	2019
EM Manifest ID:	543237
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-05
Manifest Number:	000945892WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.40000
Quantity Waste:	800.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

Year:	2019
EM Manifest ID:	543237
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-05
Manifest Number:	000945892WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

State:

Year:	2019
EM Manifest ID:	543237
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-05
Manifest Number:	000945892WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.40000
Quantity Waste:	800.000000
Quantity Unit:	P
Number of Containers:	2

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792
Year:	2019
EM Manifest ID:	781629
Shipment Date:	8/26/2019
Shipment Date:	8/26/2019
Receipt Date:	9/9/2019
Manifest Number:	000945941WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	781629

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.02750
Quantity Waste:	55.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U196

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.05500
Quantity Waste:	110.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05250
Quantity Waste:	105.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	8
Method Code:	H141
Quantity Tons:	0.05750
Quantity Waste:	115.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Type: Pounds
Federal Code: D001

Year: 2019
EM Manifest ID: 781629
Generator EPA ID: CAR000188086
Shipment Date: 2019-08-26
Manifest Number: 000945941WAS
Line Number: 8
Method Code: H141
Quantity Tons: 0.05750
Quantity Waste: 115.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D002

State:
Year: 2019
EM Manifest ID: 781629
Generator EPA ID: CAR000188086
Shipment Date: 2019-08-26
Manifest Number: 000945941WAS
Line Number: 1
Method Code: H141
Quantity Tons: 0.02500
Quantity Waste: 50.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 331

Year: 2019
EM Manifest ID: 781629
Generator EPA ID: CAR000188086
Shipment Date: 2019-08-26
Manifest Number: 000945941WAS
Line Number: 2
Method Code: H141
Quantity Tons: 0.02750
Quantity Waste: 55.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 781629
Generator EPA ID: CAR000188086
Shipment Date: 2019-08-26
Manifest Number: 000945941WAS
Line Number: 3
Method Code: H141
Quantity Tons: 0.03500

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	281

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.05500
Quantity Waste:	110.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Line Number:	7
Method Code:	H141
Quantity Tons:	0.05250
Quantity Waste:	105.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135
Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	8
Method Code:	H141
Quantity Tons:	0.05750
Quantity Waste:	115.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141
Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	9
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135
Year:	2019
EM Manifest ID:	781629
Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	10
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	781629

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Generator EPA ID:	CAR000188086
Shipment Date:	2019-08-26
Manifest Number:	000945941WAS
Line Number:	11
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	181

Year:	2019
EM Manifest ID:	635718
Shipment Date:	8/10/2018
Shipment Date:	8/10/2018
Receipt Date:	9/19/2018
Manifest Number:	000809840WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	714-502-2570
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	1250 SAINT GEORGE ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	EAST LIVERPOOL 43920
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	635718
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809840WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.06250

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Waste:	125.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	635718
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809840WAS
Line Number:	2
Method Code:	H040
Quantity Tons:	0.16750
Quantity Waste:	335.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	650990
Shipment Date:	8/10/2018
Shipment Date:	8/10/2018
Receipt Date:	9/19/2018
Manifest Number:	000809839WAS
Generator EPA ID:	CAR000188086
Name:	UNITED PARCEL SERVICE-OAKLAND HUN/PLANT ENG UPS FREIGHT/WAYNE GARCIA
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-5721
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	1250 SAINT GEORGE ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	EAST LIVERPOOL 43920
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Federal:

Year:	2019
EM Manifest ID:	650990
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809839WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01750
Quantity Waste:	35.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	650990
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809839WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01750
Quantity Waste:	35.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003

State:

Year:	2019
EM Manifest ID:	650990
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809839WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.01750
Quantity Waste:	35.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	825433
Shipment Date:	8/10/2018
Shipment Date:	8/10/2018
Receipt Date:	9/6/2018
Manifest Number:	000809841WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	714-502-2570
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12250
Quantity Waste:	245.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12250
Quantity Waste:	245.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D035

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03250
Quantity Waste:	65.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12250
Quantity Waste:	245.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06750
Quantity Waste:	135.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03250
Quantity Waste:	65.000000
Quantity Unit:	P
Number of Containers:	1

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.04500
Quantity Waste:	90.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.08000
Quantity Waste:	160.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.03500
Quantity Waste:	70.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	7
Method Code:	H141
Quantity Tons:	0.02500

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	8
Method Code:	H141
Quantity Tons:	0.03000
Quantity Waste:	60.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	281
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	9
Method Code:	H141
Quantity Tons:	0.11500
Quantity Waste:	230.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	10
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343
Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Line Number:	11
Method Code:	H141
Quantity Tons:	0.19000
Quantity Waste:	380.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2019
EM Manifest ID:	825433
Generator EPA ID:	CAR000188086
Shipment Date:	2018-08-10
Manifest Number:	000809841WAS
Line Number:	12
Method Code:	H141
Quantity Tons:	0.07250
Quantity Waste:	145.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2019
EM Manifest ID:	527263
Shipment Date:	7/2/2019
Shipment Date:	7/2/2019
Receipt Date:	7/15/2019
Manifest Number:	000945825WAS
Generator EPA ID:	CAR000188086
Name:	UPS GROUND FREIGHT INC
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2019
EM Manifest ID:	527263
Generator EPA ID:	CAR000188086
Shipment Date:	2019-07-02
Manifest Number:	000945825WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

State:

Year:	2019
EM Manifest ID:	527263
Generator EPA ID:	CAR000188086
Shipment Date:	2019-07-02
Manifest Number:	000945825WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	141

Additional Information:

Year:	2018
EM Manifest ID:	000823763WAS20170703_D_1
Shipment Date:	7/3/2017
Shipment Date:	7/3/2017
Receipt Date:	7/24/2017
Manifest Number:	000823763WAS
Generator EPA ID:	CAR000188086
Name:	UNITED PARCEL SERVICE-OAKLAND HUB / PLANT ENG
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	DEMENNO/KERDOON
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	000823763WAS20170703_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2017-07-03
Manifest Number:	000823763WAS
Line Number:	1
Method Code:	H039
Quantity Tons:	0.22750
Quantity Waste:	455.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	343

Year:	2018
EM Manifest ID:	000823434WAS20170510_D_1
Shipment Date:	5/16/2017
Shipment Date:	5/16/2017
Receipt Date:	5/30/2017
Manifest Number:	000823434WAS
Generator EPA ID:	CAR000188086
Name:	UNITED PARCEL SERVICE-OAKLAND HUB / PLANT ENG UPS FREIGHT / WAYNE GARC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	000823434WAS20170510_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2017-05-16
Manifest Number:	000823434WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02000
Quantity Waste:	40.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	U002

State:

Year:	2018
EM Manifest ID:	000823434WAS20170510_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2017-05-16
Manifest Number:	000823434WAS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.13250
Quantity Waste:	265.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	181

Year:	2018
EM Manifest ID:	000823433WAS20170518_D_1
Shipment Date:	5/10/2017
Shipment Date:	5/10/2017
Receipt Date:	6/28/2017
Manifest Number:	000823433WAS
Generator EPA ID:	CAR000188086
Name:	UNITED PARCEL SERVICE-OAKLAND HUR / PLANT ENG UPS FREIGHT / WAYNE GARC
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	OHD980613541
TSDF Name:	HERITAGE THERMAL SERVICES INC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	000823433WAS20170518_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2017-05-10
Manifest Number:	000823433WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	000823433WAS20170518_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2017-05-10
Manifest Number:	000823433WAS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	213

Year:	2018
EM Manifest ID:	016118207JJK20180328_D_1
Shipment Date:	3/28/2018

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	3/28/2018
Receipt Date:	4/19/2018
Manifest Number:	016118207JJK
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000173641
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

Federal:

Year:	2018
EM Manifest ID:	016118207JJK20180328_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-28
Manifest Number:	016118207JJK
Line Number:	1
Method Code:	H070
Quantity Tons:	0.13344
Quantity Waste:	32.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	016118207JJK20180328_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-28
Manifest Number:	016118207JJK
Line Number:	1
Method Code:	H070
Quantity Tons:	0.13344
Quantity Waste:	32.000000
Quantity Unit:	G

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	016118207JJK20180328_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-28
Manifest Number:	016118207JJK
Line Number:	1
Method Code:	H070
Quantity Tons:	0.13344
Quantity Waste:	32.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	561

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Shipment Date:	3/22/2018
Shipment Date:	3/22/2018
Receipt Date:	4/20/2018
Manifest Number:	016118206JJK
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000173641
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	MNS000110924
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NVD980895338
TSDF Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Federal:

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00660
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	7
Method Code:	H141
Quantity Tons:	0.02085
Quantity Waste:	5.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D002

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.01251
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

State:

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.03753
Quantity Waste:	9.000000

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	291
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.00660
Quantity Waste:	2.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	3
Method Code:	H141
Quantity Tons:	0.22101
Quantity Waste:	53.000000
Quantity Unit:	G
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	561
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	4
Method Code:	H141
Quantity Tons:	0.08750
Quantity Waste:	175.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	331
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	5

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Method Code:	H141
Quantity Tons:	0.16550
Quantity Waste:	331.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	NULL
Quantity Type:	NULL
State Code:	121
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	6
Method Code:	H141
Quantity Tons:	0.03336
Quantity Waste:	8.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	223
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	7
Method Code:	H141
Quantity Tons:	0.02085
Quantity Waste:	5.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	122
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	8
Method Code:	H141
Quantity Tons:	0.01251
Quantity Waste:	3.000000
Quantity Unit:	G
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	212
Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	9
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	016118206JJK20180322_D_1
Generator EPA ID:	CAR000188086
Shipment Date:	2018-03-22
Manifest Number:	016118206JJK
Line Number:	10
Method Code:	H141
Quantity Tons:	0.02650
Quantity Waste:	53.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	141

Year:	2018
EM Manifest ID:	173829
Shipment Date:	10/25/2018
Shipment Date:	10/25/2018
Receipt Date:	11/8/2018
Manifest Number:	000927595WAS
Generator EPA ID:	CAR000188086
Name:	UPS FREIGHT SAN LEANDRO
Address:	3050 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-326-1221
Contact:	Not reported
Contact Telephone:	877-217-7771
Contact Email:	Not reported
Transporter 1 EPA ID:	IND058484114
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	AZR000516211
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZD081705402
TSDF Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDF Address 1:	284 EAST STOREY ROAD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COOLIDGE 85128-9205
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

Federal:
Year: 2018
EM Manifest ID: 173829
Generator EPA ID: CAR000188086
Shipment Date: 2018-10-25
Manifest Number: 000927595WAS
Line Number: 1
Method Code: H141
Quantity Tons: 0.03250
Quantity Waste: 65.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2018
EM Manifest ID: 173829
Generator EPA ID: CAR000188086
Shipment Date: 2018-10-25
Manifest Number: 000927595WAS
Line Number: 2
Method Code: H141
Quantity Tons: 0.03500
Quantity Waste: 70.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D001

Year: 2018
EM Manifest ID: 173829
Generator EPA ID: CAR000188086
Shipment Date: 2018-10-25
Manifest Number: 000927595WAS
Line Number: 4
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiberboard or plastic drums, barrels, kegs
Quantity Type: Pounds
Federal Code: U080

Year: 2018
EM Manifest ID: 173829
Generator EPA ID: CAR000188086
Shipment Date: 2018-10-25
Manifest Number: 000927595WAS
Line Number: 5

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Method Code:	H141
Quantity Tons:	0.16250
Quantity Waste:	325.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

State:

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.03250
Quantity Waste:	65.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	281

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	3
Method Code:	H141
Quantity Tons:	0.09500
Quantity Waste:	190.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2018
EM Manifest ID:	173829

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	5
Method Code:	H141
Quantity Tons:	0.16250
Quantity Waste:	325.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	792

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	6
Method Code:	H141
Quantity Tons:	0.21250
Quantity Waste:	425.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	7
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	8
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	9
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	135

Year:	2018
EM Manifest ID:	173829
Generator EPA ID:	CAR000188086
Shipment Date:	2018-10-25
Manifest Number:	000927595WAS
Line Number:	10
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	331

Additional Information:

Year:	2017
Gen EPA ID:	CAR000188086
Shipment Date:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171120
Creation Date:	10/11/2018 18:31:48
Receipt Date:	20171204
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.0825
Waste Quantity:	165
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:	20171120
Creation Date:	10/11/2018 18:31:48
Receipt Date:	20171204
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.175
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:	20171120
Creation Date:	10/11/2018 18:31:48
Receipt Date:	20171204
Manifest ID:	000857339WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0675
Waste Quantity:	135
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:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.035
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:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
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:	20171120
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.01
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:	20171120
Creation Date:	10/11/2018 18:31:48
Receipt Date:	20171204
Manifest ID:	000857339WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
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

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

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:	20171024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000849620WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20171024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000849620WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.2575
Waste Quantity:	515
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

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Additional Information:

Year:	2016
Gen EPA ID:	CAR000188086
Shipment Date:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0925
Waste Quantity:	185
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0925
Waste Quantity:	185
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.01
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2375
Waste Quantity:	475
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:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	U002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Waste Quantity:	225
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:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
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:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	U239
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P
Additional Code 1:	U220
Additional Code 2:	U019
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	20151028
Creation Date:	10/14/2016 18:31:45
Receipt Date:	20151228
Manifest ID:	000710916WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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

Additional Information:

Year:	2015
Gen EPA ID:	CAR000188086
Shipment Date:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0925
Waste Quantity:	185
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0925
Waste Quantity:	185
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

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:	0.01
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:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D001
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:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	U239
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0575
Waste Quantity:	115

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Quantity Unit:	P
Additional Code 1:	U220
Additional Code 2:	U019
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2375
Waste Quantity:	475
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:	20151130
Creation Date:	10/17/2016 18:31:58
Receipt Date:	20160104
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	U002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
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

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Shipment Date:	20151130
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000718468WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151028
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000710916WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.055
Waste Quantity:	110
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 Information:

Year:	2014
Gen EPA ID:	CAR000188086

Shipment Date:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000495611WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0065
Waste Quantity:	13
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:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.055
Waste Quantity:	110
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:	20141210
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150106
Manifest ID:	000495612WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0445
Waste Quantity:	89
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:	20141210
Creation Date:	8/21/2015 22:15:14
Receipt Date:	20150119
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2055
Waste Quantity:	411
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:	20141210
Creation Date:	8/21/2015 22:15:14
Receipt Date:	20150119
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.13
Waste Quantity:	260
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141210
Creation Date:	8/21/2015 22:15:14
Receipt Date:	20150119
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20141210
Creation Date:	8/21/2015 22:15:14
Receipt Date:	20150119
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0115
Waste Quantity:	23
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:	20141210
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000495611WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20141031
Creation Date:	5/18/2015 22:15:25
Receipt Date:	20141218
Manifest ID:	000639671WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.057
Waste Quantity:	114
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:	20141031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000639671WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

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

Additional Information:

Year:	2013
Gen EPA ID:	CAR000188086
Shipment Date:	20131218
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20140110
Manifest ID:	000488410WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0665
Waste Quantity:	133
Quantity Unit:	P
Additional Code 1:	D004
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	8/7/2014 22:15:06
Receipt Date:	20140210
Manifest ID:	000488411WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.084
Waste Quantity:	168
Quantity Unit:	P
Additional Code 1:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	8/7/2014 22:15:06
Receipt Date:	20140210
Manifest ID:	000488411WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20131218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000488411WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0665
Waste Quantity:	133
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:	20131218
Creation Date:	8/7/2014 22:15:06
Receipt Date:	20140210
Manifest ID:	000488411WAS

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL 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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0625
Waste Quantity:	125
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:	20131218
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000488411WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0245
Waste Quantity:	49
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:	20131218
Creation Date:	8/7/2014 22:15:06
Receipt Date:	20140210
Manifest ID:	000488411WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	SRE TRANSPORT
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

RCRA Code:	U080
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.049
Waste Quantity:	98
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:	20131127
Creation Date:	6/6/2014 22:15:25
Receipt Date:	20140114
Manifest ID:	000565982WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORTATION
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0065
Waste Quantity:	13
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:	20131127
Creation Date:	6/6/2014 22:15:25
Receipt Date:	20140114
Manifest ID:	000565982WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORTATION
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE THERMAL SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Additional Code 5:	Not reported
Shipment Date:	20131127
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20131217
Manifest ID:	000565983WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC- TS HAYWARD
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORTATION
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0775
Waste Quantity:	155
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 Information:

Year:	2012
Gen EPA ID:	CAR000188086
Shipment Date:	20121207
Creation Date:	2/14/2013 22:15:30
Receipt Date:	20121210
Manifest ID:	010828249JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL 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:	0.075
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:	20121129

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Creation Date:	1/21/2013 22:15:09
Receipt Date:	20121130
Manifest ID:	010828030JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL 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:	0.0834
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:	20121112
Creation Date:	4/14/2013 22:15:06
Receipt Date:	20121115
Manifest ID:	000497889WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
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:	4/30/2013 22:15:27
Receipt Date:	20121228
Manifest ID:	000497888WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE-WTI INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1115
Waste Quantity:	223
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:	20120913
Creation Date:	8/18/2013 22:15:07
Receipt Date:	20121007
Manifest ID:	000493241WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.0065
Waste Quantity:	13
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:	20120913
Creation Date:	8/18/2013 22:15:07
Receipt Date:	Not reported
Manifest ID:	000493242WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	MOD981505555
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	IND093219012
TSDF Alt Name:	HERITAGE ENVIRONMENTAL SERVICES
Waste Code Description:	352 - Other organic solids
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0515

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Waste Quantity:	103
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:	20120913
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121013
Manifest ID:	000493243WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE-WTI INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0115
Waste Quantity:	23
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:	20120913
Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121013
Manifest ID:	000493243WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE-WTI INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.169
Waste Quantity:	338
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:	20120913

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Creation Date:	4/3/2013 22:15:07
Receipt Date:	20121013
Manifest ID:	000493243WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OHD980613541
Trans Name:	HERITAGE-WTI INC
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120913
Creation Date:	8/18/2013 22:15:07
Receipt Date:	Not reported
Manifest ID:	000493242WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	MOD981505555
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	IND093219012
TSDF Alt Name:	HERITAGE ENVIRONMENTAL SERVICES
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:	0.0065
Waste Quantity:	13
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

CERS:

Name:	TFORCE FREIGHT - SAN LEANDRO
Address:	3050 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	405100
CERS ID:	899233
CERS Description:	Industrial Facility Storm Water

Violations:

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	06-27-2016
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 ensure the following before allowing drainage of uncontaminated rainwater from diked area into a storm drain or discharge of an effluent into an open watercourse, lake, or pond, bypassing the facility treatment system: 1. Keep bypass valve normally sealed closed. 2. Inspect the retained rainwater 3. Open and reseal bypass valves under responsible supervision.
Violation Notes:	Returned to compliance on 07/27/2016. General containment berm valve broken
Violation Division:	San Leandro City
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	07-27-2016
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.
Violation Notes:	Returned to compliance on 10/26/2016. SPCC Plan dated 6/18/09. No five year P.E. review, evaluation and certification since.
Violation Division:	San Leandro City
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	03-09-2023
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
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 05/11/2023. Update HMBP inventory to reflect the "largest container" shell capacity for the 500 gallon new oil and 280 gallon used oil ASTs at the maintenance shop.
Violation Division:	San Leandro City
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	09-06-2018
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Violation Notes: Returned to compliance on 09/25/2018. Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Violation Date: 07-22-2014
Citation: 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or fi
Violation Notes: Returned to compliance on 08/22/2014. Non-RCRA LQG is exempt from tank integrity engineering assessment per 66265.192(j)(1 - 3). Submit "AST

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Certification & Engineering Assessment Exemption Notification" for used oil and used antifreeze tanks.
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Violation Date: 06-27-2016
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 07/27/2016. Used antifreeze drum not labeled.
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 6/27/16: One of the manual valves on the general containment berm (general containment for fuel transfers) was broken and stuck in the open position. 7/27/16: The valve and drain were permanently sealed, leaving one manual valve in the closed position to drain the bermed area. CERS Viol Code? 4010020 112.7(c) 4030005 112.8(b) 4030006 112.8(c)
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 6/27/16: Used antifreeze drum not properly labeled. 7/27/16: Verified corrected during follow-up inspection.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: SPCC Plan dated 6/18/09. No five year P.E. review, evaluation and certification since. New SPCC Plan PE review and certification 10/19/2016.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Update HMBP inventory to reflect the "largest container" shell capacity for the 500 gallon new oil and 280 gallon used oil ASTs at the maintenance shop.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 3 x 55DM grease with air pump dispenser on secondary containment pallet and an air compressor system has been OOS for approx. 2 years. Dispose of empty 55DMs and 1 x 55DM with residual grease.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Eval Date: 07-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Non-RCRA LQG is exempt from tank integrity engineering assessment per 66265.192(j)(1 - 3). Submit "AST Certification & Engineering Assessment Exemption Notification" for used oil and used antifreeze tanks.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 03-09-2023
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 Leandro City
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 06-27-2016
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 Leandro City
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 06-27-2016
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-22-2014

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-27-2016
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 Leandro City
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 09-06-2018
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 405100
Facility Name: TForce Freight - San Leandro
Env Int Type Code: HMBP
Program ID: 10156213
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.706230
Longitude: -122.155050

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: ERM
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: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jeryll Womack

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Entity Title:	Not reported
Affiliation Address:	1000 Semmes Avenue
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	93224
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3050 Teagarden Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	TForce Freight, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 Semmes Ave
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23224
Affiliation Phone:	(804) 291-5869,
Affiliation Type Desc:	Operator
Entity Name:	TForce Freight, 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:	(804) 291-5869,
Affiliation Type Desc:	Owner/Operator
Entity Name:	TForce Freight Incorporated
Entity Title:	Operator
Affiliation Address:	1000 Semmes Avenue
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	23224
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	T Force Freight
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:	,

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Affiliation Type Desc:	Identification Signer
Entity Name:	Jeryll Womack
Entity Title:	Regulated Goods/Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	TForce Freight, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 Semmes Ave
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23224
Affiliation Phone:	(804) 291-5869,
Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,
Name:	TFORCE FREIGHT - SAN LEANDRO
Address:	3050 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	405100
CERS ID:	10156213
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	06-27-2016
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 ensure the following before allowing drainage of uncontaminated rainwater from diked area into a storm drain or discharge of an effluent into an open watercourse, lake, or pond, bypassing the facility treatment system: 1. Keep bypass valve normally sealed closed. 2. Inspect the retained rainwater 3. Open and reseal bypass valves under responsible supervision.
Violation Notes:	Returned to compliance on 07/27/2016. General containment berm valve broken
Violation Division:	San Leandro City
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	405100
Site Name:	TForce Freight - San Leandro

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Violation Date:	07-27-2016
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.
Violation Notes:	Returned to compliance on 10/26/2016. SPCC Plan dated 6/18/09. No five year P.E. review, evaluation and certification since.
Violation Division:	San Leandro City
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	03-09-2023
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
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 05/11/2023. Update HMBP inventory to reflect the "largest container" shell capacity for the 500 gallon new oil and 280 gallon used oil ASTs at the maintenance shop.
Violation Division:	San Leandro City
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	09-06-2018
Citation:	22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description:	Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of 22 CCR 11 66261.7; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of 22 CCR 11 66261.7 shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes:	Returned to compliance on 09/25/2018. Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7
Violation Division:	San Leandro City
Violation Program:	HW
Violation Source:	CERS,

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	07-22-2014
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or fi
Violation Notes:	Returned to compliance on 08/22/2014. Non-RCRA LQG is exempt from tank integrity engineering assessment per 66265.192(j)(1 - 3). Submit "AST Certification & Engineering Assessment Exemption Notification" for used oil and used antifreeze tanks.
Violation Division:	San Leandro City
Violation Program:	HW
Violation Source:	CERS,

Site ID:	405100
Site Name:	TForce Freight - San Leandro
Violation Date:	06-27-2016
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 07/27/2016. Used antifreeze drum not labeled.
Violation Division:	San Leandro City

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 6/27/16: One of the manual valves on the general containment berm (general containment for fuel transfers) was broken and stuck in the open position. 7/27/16: The valve and drain were permanently sealed, leaving one manual valve in the closed position to drain the bermed area. CERS Viol Code? 4010020 112.7(c) 4030005 112.8(b) 4030006 112.8(c)
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-27-2016
Violations Found: Yes

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Eval Type: Routine done by local agency
Eval Notes: 6/27/16: Used antifreeze drum not properly labeled. 7/27/16: Verified corrected during follow-up inspection.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: SPCC Plan dated 6/18/09. No five year P.E. review, evaluation and certification since. New SPCC Plan PE review and certification 10/19/2016.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Update HMBP inventory to reflect the "largest container" shell capacity for the 500 gallon new oil and 280 gallon used oil ASTs at the maintenance shop.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Eval Date: 07-27-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: 3 x 55DM grease with air pump dispenser on secondary containment pallet and an air compressor system has been OOS for approx. 2 years. Dispose of empty 55DMs and 1 x 55DM with residual grease.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Non-RCRA LQG is exempt from tank integrity engineering assessment per 66265.192(j)(1 - 3). Submit "AST Certification & Engineering Assessment Exemption Notification" for used oil and used antifreeze tanks.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 03-09-2023
Enf Action Type: Notice of Violation (Unified Program)

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Leandro City
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 06-27-2016
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 Leandro City
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 06-27-2016
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-22-2014
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-27-2016
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 Leandro City
Enf Action Program: APSA
Enf Action Source: CERS,

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Site ID: 405100
Site Name: TForce Freight - San Leandro
Site Address: 3050 TEAGARDEN STREET
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 09-06-2018
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 405100
Facility Name: TForce Freight - San Leandro
Env Int Type Code: HMBP
Program ID: 10156213
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.706230
Longitude: -122.155050

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: ERM
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: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Jeryll Womack
Entity Title: Not reported
Affiliation Address: 1000 Semmes Avenue
Affiliation City: Richmond
Affiliation State: VA
Affiliation Country: Not reported
Affiliation Zip: 93224
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3050 Teagarden Street
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: TForce Freight, Inc.

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Entity Title:	Not reported
Affiliation Address:	1000 Semmes Ave
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23224
Affiliation Phone:	(804) 291-5869,
Affiliation Type Desc:	Operator
Entity Name:	TForce Freight, 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:	(804) 291-5869,
Affiliation Type Desc:	Owner/Operator
Entity Name:	TForce Freight Incorporated
Entity Title:	Operator
Affiliation Address:	1000 Semmes Avenue
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	Not reported
Affiliation Zip:	23224
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	T Force Freight
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:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeryll Womack
Entity Title:	Regulated Goods/Environmental Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	TForce Freight, Inc.
Entity Title:	Not reported
Affiliation Address:	1000 Semmes Ave
Affiliation City:	Richmond
Affiliation State:	VA
Affiliation Country:	United States
Affiliation Zip:	23224
Affiliation Phone:	(804) 291-5869,

UPS GROUND FREIGHT INC DBA UPS FREIGHT (Continued) **S113178527**

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

C30 **UPS FREIGHT - SAN LEANDRO** **AST** **A100425658**
NNW **3050 TEAGARDEN STREET** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.063 mi.
333 ft. **Site 5 of 11 in cluster C**

Relative: **Higher**

Actual: **34 ft.**

AST:

Name:	UPS FREIGHT - SAN LEANDRO
Address:	3050 TEAGARDEN STREET
City/Zip:	SAN LEANDRO,94577
Certified Unified Program Agencies:	Not reported
Owner:	UPS Ground Freight, Inc.
Total Gallons:	Not reported
CERSID:	10156213
Facility ID:	01-007-100918
Business Name:	United Parcel Service, Inc.
Phone:	877-217-7771
Fax:	Not reported
Mailing Address:	8400 Pardee Drive, Attn: Plant Engineering
Mailing Address City:	Oakland
Mailing Address State:	CA
Mailing Address Zip Code:	94621
Operator Name:	UPS Ground Freight, Inc.
Operator Phone:	510-453-2090
Owner Phone:	510-453-2090
Owner Mail Address:	1000 Semmes Ave
Owner State:	VA
Owner Zip Code:	23224
Owner Country:	United States
Property Owner Name:	Michael Prochelo
Property Owner Phone:	Not reported
Property Owner Mailing Address:	1900 Avenue of the Stars, #2475
Property Owner City:	Los Angeles
Property Owner Stat :	CA
Property Owner Zip Code:	90067
Property Owner Country:	United States
EPAID:	CAR000188086

C31
NNW
< 1/8
0.063 mi.
333 ft.

Relative:
Higher

Actual:
34 ft.

TEAGARDEN FREIGHT TERMINAL
3050 TEAGARDEN ST
SAN LEANDRO, CA 94575

Site 6 of 11 in cluster C

SWEEPS UST
HIST UST
CA FID UST
EMI
NPDES
WDS
CIWQS

S101580495
N/A

SWEEPS UST:

Name:	TEAGARDEN FREIGHT TERMINAL
Address:	3050 TEAGARDEN ST
City:	SAN LEANDRO
Status:	Active
Comp Number:	67408
Number:	9
Board Of Equalization:	44-001194
Referral Date:	01-08-90
Action Date:	01-08-90
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	01-007-067408-000001
Tank Status:	A
Capacity:	12000
Active Date:	01-08-90
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	TEAGARDEN FREIGHT TERMINAL
Address:	3050 TEAGARDEN ST
City:	SAN LEANDRO
Status:	Active
Comp Number:	67408
Number:	9
Board Of Equalization:	44-001194
Referral Date:	01-08-90
Action Date:	01-08-90
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	01-007-067408-000002
Tank Status:	A
Capacity:	12000
Active Date:	01-08-90
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

HIST UST:

Name:	BROWN TRANSPORT CO
Address:	3050 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	00035fed

URL:

Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

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:

CA FID UST:

Facility ID:	01003020
Regulated By:	UTNKA
Regulated ID:	00067408
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153572868
Mail To:	Not reported
Mailing Address:	2401 S COLORADO
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN LEANDRO 94575
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

EMI:

Name:	UPS FREIGHT SAN LEANDRO
Address:	3050 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	20506
Air District Name:	BA
SIC Code:	4215
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.737e-005
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	6.8563e-005
NOX - Oxides of Nitrogen Tons/Yr:	0.000663217
SOX - Oxides of Sulphur Tons/Yr:	5.44e-007

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

Particulate Matter Tons/Yr: 1.6749e-005
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1.6079e-005

Name: UPS FREIGHT SAN LEANDRO
Address: 3050 TEAGARDEN STREET
City,State,Zip: SAN LEANDRO, CA 94577
Year: 2019
County Code: 1
Air Basin: SF
Facility ID: 20506
Air District Name: BA
SIC Code: 4215
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7.5399e-005
Reactive Organic Gases Tons/Yr: 6.62380215e-005
Carbon Monoxide Emissions Tons/Yr: 0.000205633
NOX - Oxides of Nitrogen Tons/Yr: 0.001987785
SOX - Oxides of Sulphur Tons/Yr: 1.88e-006
Particulate Matter Tons/Yr: 4.7981e-005
Part. Matter 10 Micrometers and Smllr Tons/Yr: 4.6062e-005

NPDES:
Name: TFORCE FREIGHT SAN LEANDRO
Address: 3050 TEAGARDEN STREET
City,State,Zip: SAN LEANDRO, CA 94577
Facility Status: Active
NPDES Number: CAS000001
Region: 2
Agency Number: 0
Regulatory Measure ID: 542802
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 2 01I029597
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 01/11/2022
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 1000 Semmes Avenue
Discharge Name: TForce Freight Incorporated
Discharge City: Richmond
Discharge State: Virginia
Discharge Zip: 23224
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

Name: TFORCE FREIGHT SAN LEANDRO
Address: 3050 TEAGARDEN STREET
City,State,Zip: SAN LEANDRO, CA 94577

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

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:	2 01I029597
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/11/2022
Operator Name:	TForce Freight Incorporated
Operator Address:	1000 Semmes Avenue
Operator City:	Richmond
Operator State:	Virginia
Operator Zip:	23224

WDS:

Name:	FED EX FREIGHT WEST
Address:	3050 Teagarden St
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I010521
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:	2
Facility Telephone:	4083234561
Facility Contact:	LEE CHONG
Agency Name:	FED EX FREIGHT WEST
Agency Address:	PO Box 649002
Agency City,St,Zip:	San Jose 951649002
Agency Contact:	LEE CHONG
Agency Telephone:	4083234561
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

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

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.

CIWQS:
Name: Fed Ex Freight West
Address: 3050 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Agency: FedEx Freight
Agency Address: 3425 Victor Street, Santa Clara, CA 95054
Place/Project Type: Industrial - Trucking, Except Local
SIC/NAICS: 4213
Region: 2
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 2 01I010521
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 08/24/1993
Termination Date: 08/09/2007
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: 37.70534
Longitude: -122.15346

Name: Tforce Freight San Leandro
Address: 3050 TEAGARDEN STREET
City,State,Zip: SAN LEANDRO, CA 94577
Agency: TForce Freight Incorporated
Agency Address: 1000 Semmes Avenue, Richmond, VA 23224
Place/Project Type: Industrial - Local Trucking Without Storage
SIC/NAICS: 4212
Region: 2
Program: INDSTW

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I029597
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/11/2022
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:	37.706135
Longitude:	-122.155066

C32 **BROWN TRANSPORT CO.** **HIST UST** **U001598378**
NNW **3050 TEAGARDEN ST** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.063 mi.
333 ft. **Site 7 of 11 in cluster C**

Relative: **Higher**

Actual: **34 ft.**

HIST UST:

Name:	BROWN TRANSPORT CO.
Address:	3050 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000067408
Facility Type:	Other
Other Type:	TRUCK TERMINAL
Contact Name:	Not reported
Telephone:	2132083450
Owner Name:	GERALD J. DUNITZ AND LOUIS STE
Owner Address:	10889 WILSHIRE BLVD., STE 933
Owner City,St,Zip:	LOS ANGELES, CA 90024
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	2
Container Construction Thickness:	X
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

C33 **VIKING FREIGHT SYSTEM** **UST** **U003939741**
NNW **3050 TEAGARDEN STREET** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.063 mi.
333 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
34 ft.

UST:

Name:	VIKING FREIGHT SYSTEM
Address:	3050 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01-007-674080
Permitting Agency:	SAN LEANDRO, CITY OF
CERSID:	Not reported
Latitude:	37.707584
Longitude:	-122.153702
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

C34 **DUNITZ & STERN** **LUST** **S104577252**
NNW **3050 TEAGARDEN** **Cortese** **N/A**
< 1/8 **SAN LEANDRO, CA 94577** **CERS**
0.063 mi.
333 ft. **Site 9 of 11 in cluster C**

Relative:
Higher

Actual:
34 ft.

LUST:

Name:	DUNITZ & STERN
Address:	3050 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600158364
Latitude:	37.706302
Longitude:	-122.155184
Status:	Completed - Case Closed
Status Date:	10/01/2009
Case Worker:	LM
RB Case Number:	01-3559
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Local Agency
Local Case Number:	cs 10300
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	07/10/2007
Leak Reported Date:	12/06/2007
How Discovered:	Tank Closure
How Discovered Description:	GROUNDWATER CONTAMINATION DISCOVERED DURING UST REMOVAL ON 7/10/07. DIESEL-CONTAMINATED SOIL ALSO DISCOVERED DURING OLD MAINTENANCE SHOP DEMOLITION AND RELATED REMOVAL OF OIL/WATER SEPARATOR ON 7/31/07. AN UNAUTHORIZED RELEASE REPORT DATED 01/10/89 IND
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	10/01/2009
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600158364
Action Type:	Other
Date:	12/06/2007
Action:	Leak Reported

Global Id:	T0600158364
Action Type:	RESPONSE

DUNITZ & STERN (Continued) **S104577252**

Date: 10/01/2009
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600158364
Action Type: Other
Date: 07/10/2007
Action: Leak Discovery

Global Id: T0600158364
Action Type: RESPONSE
Date: 10/01/2009
Action: Soil and Water Investigation Report

Global Id: T0600158364
Action Type: RESPONSE
Date: 10/01/2009
Action: Correspondence

Global Id: T0600158364
Action Type: REMEDIATION
Date: 11/01/2007
Action: Not reported

LUST:
Global Id: T0600158364
Status: Open - Case Begin Date
Status Date: 07/10/2007

Global Id: T0600158364
Status: Open - Site Assessment
Status Date: 12/06/2007

Global Id: T0600158364
Status: Completed - Case Closed
Status Date: 10/01/2009

CORTESE:
Name: DUNITZ & STERN
Address: 3050 TEAGARDEN
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600158364
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

DUNITZ & STERN (Continued) **S104577252**

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:	DUNITZ & STERN
Address:	3050 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	854124
CERS ID:	T0600158364
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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C35 **UNITED PARCEL SERVICE - OAKLAND HUB** **RCRA-SQG** **1010562194**
NNW **3050 TEAGARDEN ST** **E MANIFEST** **CAR000188086**
< 1/8 **SAN LEANDRO, CA 94577**
0.063 mi.
333 ft. **Site 10 of 11 in cluster C**

Relative: **Higher**
Actual: **34 ft.**

RCRA Listings:

Date Form Received by Agency:	20220519
Handler Name:	Tforce- San Leandro
Handler Address:	Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAR000188086
Contact Name:	SPENCER NICHOLAS
Contact Address:	TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	877-217-7771
Contact Fax:	Not reported
Contact Email:	SCMSLO@TFORCEFREIGHT.COM
Contact Title:	SERVICE CENTER MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2021
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Tforce Freight, Inc.
Owner Type:	Private
Operator Name:	Tforce Freight, 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

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20220712
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: 2021

Click Here for Biennial Reporting System Data:
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2009

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: D004
Waste Description: Arsenic

Waste Code: D005
Waste Description: Barium

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Waste Code: D008
Waste Description: Lead

Waste Code: D018
Waste Description: Benzene

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Waste Code: D043
Waste Description: Vinyl Chloride

Waste Code: P022
Waste Description: Carbon Disulfide

Waste Code: U002
Waste Description: 2-Propanone (I) (Or) Acetone (I)

Waste Code: U003
Waste Description: Acetonitrile (I,T)

Waste Code: U044
Waste Description: Chloroform (Or) Methane, Trichloro-

Waste Code: U080
Waste Description: Methane, Dichloro- (Or) Methylene Chloride

Waste Code: U122
Waste Description: Formaldehyde

Waste Code: U156
Waste Description: Carbonochloridic Acid, Methyl Ester, (I,T) (Or) Methyl Chlorocarbonate (I,T)

Waste Code: U210
Waste Description: Ethene, Tetrachloro- (Or) Tetrachloroethylene

Waste Code: U239
Waste Description: Benzene, Dimethyl- (I,T) (Or) Xylene (I)

Waste Code: U404
Waste Description: U404

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: UPS GROUND FREIGHT, INC.
Legal Status: Private
Date Became Current: 20050801
Date Ended Current: Not reported
Owner/Operator Address: 1000 SEMMES AVE
Owner/Operator City,State,Zip: RICHMOND, VA 23224
Owner/Operator Telephone: 877-217-7771
Owner/Operator Telephone Ext: 8641
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Owner/Operator Name: UPS GROUND FREIGHT INC	
Legal Status:	Private
Date Became Current:	20070921
Date Ended Current:	Not reported
Owner/Operator Address:	1000 SEMMES AVE
Owner/Operator City,State,Zip:	RICHMOND, VA 23224
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: TFORCE FREIGHT, INC.	
Legal Status:	Private
Date Became Current:	20210506
Date Ended Current:	Not reported
Owner/Operator Address:	1000 SEMMES AVE
Owner/Operator City,State,Zip:	RICHMOND, VA 23224
Owner/Operator Telephone:	804-291-5850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: UPS GROUND FREIGHT	
Legal Status:	Private
Date Became Current:	20050801
Date Ended Current:	Not reported
Owner/Operator Address:	1000 SEMMES AVE
Owner/Operator City,State,Zip:	RICHMOND, VA 23224
Owner/Operator Telephone:	877-217-7771
Owner/Operator Telephone Ext:	8641
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: UPS GROUND FREIGHT, INC.	
Legal Status:	Private
Date Became Current:	20050801
Date Ended Current:	Not reported
Owner/Operator Address:	1000 SEMMES AVE
Owner/Operator City,State,Zip:	RICHMOND, VA 23224
Owner/Operator Telephone:	877-217-7771
Owner/Operator Telephone Ext:	8641
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: UPS FREIGHT	
Legal Status:	Private
Date Became Current:	20070921
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

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UPS GROUND FREIGHT
Legal Status: Private
Date Became Current: 20050801
Date Ended Current: Not reported
Owner/Operator Address: 1000 SEMMES AVE
Owner/Operator City,State,Zip: RICHMOND, VA 23224
Owner/Operator Telephone: 877-217-7771
Owner/Operator Telephone Ext: 8641
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TFORCE FREIGHT, INC.
Legal Status: Private
Date Became Current: 20210506
Date Ended Current: Not reported
Owner/Operator Address: 1000 SEMMES AVE
Owner/Operator City,State,Zip: RICHMOND, VA 23224
Owner/Operator Telephone: 804-291-5850
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRO@TFORCEFREIGHT.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: TFORCE FREIGHT, INC.
Legal Status: Private
Date Became Current: 20210506
Date Ended Current: Not reported
Owner/Operator Address: 1000 SEMMES AVE
Owner/Operator City,State,Zip: RICHMOND, VA 23224
Owner/Operator Telephone: 804-291-5850
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ENVIRO@TFORCEFREIGHT.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: TFORCE FREIGHT, INC.
Legal Status: Private
Date Became Current: 20210506
Date Ended Current: Not reported
Owner/Operator Address: 1000 SEMMES AVE
Owner/Operator City,State,Zip: RICHMOND, VA 23224
Owner/Operator Telephone: 804-291-5850
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100930
Handler Name: UPS FREIGHT SAN LEANDRO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

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: 20200228
Handler Name: UPS FREIGHT SAN LEANDRO
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: 20220519
Handler Name: TFORCE- SAN LEANDRO
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: No
Electronic Manifest Broker: No

Receive Date: 20071018
Handler Name: UPS GROUND FREIGHT INC DBA UPS FREIGHT
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: 20210831
Handler Name: SAN LEANDRO CA
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

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 484122
NAICS Description: GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THAN TRUCKLOAD

NAICS Code: 48423
NAICS Description: SPECIALIZED FREIGHT (EXCEPT USED GOODS) TRUCKING, LONG-DISTANCE

Has the Facility Received Notices of Violations:
Found Violation: Unknown
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 20220215
Actual Return to Compliance Date: 20221208
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 999
Date of Enforcement Action: 20221205
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Hq-2022-0943
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:69
Consent/Final Order Respondent Name: Tforce
Consent/Final Order Lead Agency: 0
Enforcement Type: MULTI SITE CA/FO
Enforcement Responsible Person: CAFO
Enforcement Responsible Sub-Organization: R06
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: Unknown
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20220215
Actual Return to Compliance Date: 20221208
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Enforcement Identifier: 999
Date of Enforcement Action: 20221205
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Hq-2022-0943
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:69
Consent/Final Order Respondent Name: Tforce
Consent/Final Order Lead Agency: 0
Enforcement Type: MULTI SITE CA/FO
Enforcement Responsible Person: CAFO
Enforcement Responsible Sub-Organization: R06
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: Unknown
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20220215
Actual Return to Compliance Date: 20221208
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 999
Date of Enforcement Action: 20221205
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Hq-2022-0943
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:69
Consent/Final Order Respondent Name: Tforce
Consent/Final Order Lead Agency: 0
Enforcement Type: MULTI SITE CA/FO
Enforcement Responsible Person: CAFO
Enforcement Responsible Sub-Organization: R06
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

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: Unknown
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Records/Reporting
Date Violation was Determined: 20220215
Actual Return to Compliance Date: 20221208
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 999
Date of Enforcement Action: 20221205
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Hq-2022-0943
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:69
Consent/Final Order Respondent Name: Tforce
Consent/Final Order Lead Agency: 0
Enforcement Type: MULTI SITE CA/FO
Enforcement Responsible Person: CAFO
Enforcement Responsible Sub-Organization: R06
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: Unknown
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20220215
Actual Return to Compliance Date: 20221208
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Enforcement Identifier: 999
Date of Enforcement Action: 20221205
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Hq-2022-0943
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:69
Consent/Final Order Respondent Name: Tforce
Consent/Final Order Lead Agency: 0
Enforcement Type: MULTI SITE CA/FO
Enforcement Responsible Person: CAFO
Enforcement Responsible Sub-Organization: R06
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: 20220115
Evaluation Responsible Agency: EPA
Found Violation: Undetermined
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: CAFO
Evaluation Responsible Sub-Organization: R06
Actual Return to Compliance Date: 20221208
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: 20220115
Evaluation Responsible Agency: EPA
Found Violation: Undetermined
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: CAFO
Evaluation Responsible Sub-Organization: R06
Actual Return to Compliance Date: 20221208
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Evaluation Date:	20220115
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	CAFO
Evaluation Responsible Sub-Organization:	R06
Actual Return to Compliance Date:	20221208
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:	20220115
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	CAFO
Evaluation Responsible Sub-Organization:	R06
Actual Return to Compliance Date:	20221208
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:	20220115
Evaluation Responsible Agency:	EPA
Found Violation:	Undetermined
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	CAFO
Evaluation Responsible Sub-Organization:	R06
Actual Return to Compliance Date:	20221208
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

E MANIFEST:

Manifest Tracking Number:	000907929WAS
Last Updated Date:	20200630
Shipped Date:	20180801
Received Date:	20180815
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Freight San Leandro
Generator Location Street Number:	3050
Generator Location Street 1:	TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	25201

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Generator Mail Street 1:	PASEO DE ALICIA #200
Generator Mail Street 2:	Not reported
Generator Mail City:	LAGUNA HILLS
Generator Mail Zip:	92653
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZD081705402
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	284
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	284 EAST STOREY RD
Designated Facility Mail City:	COOLIDGE
Designated Facility Mail Zip:	85128-9205
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	284
Designated Facility Location Street 1:	284 EAST STOREY ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COOLIDGE
Designated Facility Location Zip:	85128-9205
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000970281WAS
Last Updated Date:	20190418
Shipped Date:	20190313
Received Date:	20190325
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Freight San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	25201 PASEO DE ALICIA #200
Generator Mail Street 2:	Not reported
Generator Mail City:	LAGUNA HILLS
Generator Mail Zip:	92653
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZD081705402
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	284
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	284 EAST STOREY RD
Designated Facility Mail City:	COOLIDGE
Designated Facility Mail Zip:	85128-9205
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	284
Designated Facility Location Street 1:	284 EAST STOREY ROAD
Designated Facility Location Street 2:	Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Designated Facility Location City:	COOLIDGE
Designated Facility Location Zip:	85128-9205
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000970282WAS
Last Updated Date:	20190503
Shipped Date:	20190313
Received Date:	20190405
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	United Parcel Service - Oakland Hub
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5721
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	8400 PARDEE DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	OAKLAND
Generator Mail Zip:	94621
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	WORLD OIL RECYCLING
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000970924WAS
Last Updated Date:	20190328
Shipped Date:	20190214
Received Date:	20190306
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Freight San Leandro
Generator Location Street Number:	Not reported

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	25201 PASEO DE ALICIA #200
Generator Mail Street 2:	Not reported
Generator Mail City:	LAGUNA HILLS
Generator Mail Zip:	92653
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZD081705402
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	284
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	284 EAST STOREY RD
Designated Facility Mail City:	COOLIDGE
Designated Facility Mail Zip:	85128-9205
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	284
Designated Facility Location Street 1:	284 EAST STOREY ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COOLIDGE
Designated Facility Location Zip:	85128-9205
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	001028887WAS
Last Updated Date:	20191111
Shipped Date:	20190923
Received Date:	20191029
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD980613541
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1250 SAINT GEORGE ST

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Designated Facility Mail City:	EAST LIVERPOOL
Designated Facility Mail Zip:	43920
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1250 SAINT GEORGE ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	EAST LIVERPOOL
Designated Facility Location Zip:	43920
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	HERITAGE THERMAL SERVICES INC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018474652JJK
Last Updated Date:	20200108
Shipped Date:	20191203
Received Date:	20191210
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD028409019
Designated Facility Name:	Crosby & Overton
Designated Facility Mail Street Number:	1630
Designated Facility Mail Street 1:	CA90813 CA037US 1630
Designated Facility Mail Street 2:	W. 17TH STREET
Designated Facility Mail City:	LONG BEACH
Designated Facility Mail Zip:	90813
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	1630
Designated Facility Location Street 1:	W. 17TH STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LONG BEACH
Designated Facility Location Zip:	90813-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000809839WAS
Last Updated Date:	20191022
Shipped Date:	20180810
Received Date:	20180919

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	United Parcel Service-Oakland Hun/Plant Eng Ups Freight/Wayne Garcia
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5721
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	8400 PARDEE DRIBE
Generator Mail Street 2:	Not reported
Generator Mail City:	OAKLAND
Generator Mail Zip:	94621
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD980613541
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1250 SAINT GEORGE ST
Designated Facility Mail City:	EAST LIVERPOOL
Designated Facility Mail Zip:	43920
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1250 SAINT GEORGE ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	EAST LIVERPOOL
Designated Facility Location Zip:	43920
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	HERITAGE THERMAL SERVICES INC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000809840WAS
Last Updated Date:	20191018
Shipped Date:	20180810
Received Date:	20180919
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD980613541
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1250 SAINT GEORGE ST
Designated Facility Mail City:	EAST LIVERPOOL
Designated Facility Mail Zip:	43920
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1250 SAINT GEORGE ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	EAST LIVERPOOL
Designated Facility Location Zip:	43920
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	HERITAGE THERMAL SERVICES INC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	000809841WAS
Last Updated Date:	20191230
Shipped Date:	20180810
Received Date:	20180906
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZD081705402
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	284
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	284 EAST STOREY RD
Designated Facility Mail City:	COOLIDGE
Designated Facility Mail Zip:	85128-9205
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	284
Designated Facility Location Street 1:	284 EAST STOREY ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COOLIDGE
Designated Facility Location Zip:	85128-9205
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
Manifest Residue Indicator:	N

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Rejection Indicator:	N
Manifest Tracking Number:	000861523WAS
Last Updated Date:	20191017
Shipped Date:	20190923
Received Date:	20191007
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZD081705402
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	284
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	284 EAST STOREY RD
Designated Facility Mail City:	COOLIDGE
Designated Facility Mail Zip:	85128-9205
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	284
Designated Facility Location Street 1:	284 EAST STOREY ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COOLIDGE
Designated Facility Location Zip:	85128-9205
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	000861626WAS
Last Updated Date:	20191209
Shipped Date:	20191025
Received Date:	20191126
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000188086
Generator Name:	Ups Ground Freight Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	3050 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1331 S VERNON ST
Generator Mail Street 2:	TAX DEPT
Generator Mail City:	ANAHEIM
Generator Mail Zip:	92805-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	OHD980613541
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1250 SAINT GEORGE ST
Designated Facility Mail City:	EAST LIVERPOOL
Designated Facility Mail Zip:	43920
Designated Facility Mail State:	OH
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1250 SAINT GEORGE ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	EAST LIVERPOOL
Designated Facility Location Zip:	43920
Designated Facility Location State:	OH
Designated Facility Contact Company Name:	HERITAGE THERMAL SERVICES INC
Manifest Residue Indicator:	N
Rejection Indicator:	N

Federal Waste:

Manifest Tracking Number:	000861627WAS
Waste Line Number:	1
Federal Waste Code:	D001
Federal Waste:	IGNITABLE WASTE

Manifest Tracking Number:	000861627WAS
Waste Line Number:	2
Federal Waste Code:	D001
Federal Waste:	IGNITABLE WASTE

Manifest Tracking Number:	000861627WAS
Waste Line Number:	3
Federal Waste Code:	D002
Federal Waste:	CORROSIVE WASTE

Manifest Tracking Number:	000861627WAS
Waste Line Number:	4
Federal Waste Code:	D002
Federal Waste:	CORROSIVE WASTE

State Waste:

Manifest Tracking Number:	000861627WAS
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	141
State Waste:	Off-specification, aged, or surplus inorganics

Manifest Tracking Number:	000861627WAS
Waste Line Number:	2
State Waste Code Owner:	CA

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

State Waste Code: 272
State Waste: Polymeric resin waste

Manifest Tracking Number: 000861627WAS
Waste Line Number: 3
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Transporter:
Manifest Tracking Number: 000861627WAS
Transporter Line Number: 1
Transporter EPA ID: IND058484114
Transporter Name: Heritage Transport Llc

Manifest Tracking Number: 000861627WAS
Transporter Line Number: 2
Transporter EPA ID: AZR000516211
Transporter Name: Salt River Extraction

Waste Line:
Manifest Tracking Number: 000861627WAS
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3085
U.S. DOT Description: Un3085,Waste Oxidizing Solid, Corrosive, N.O.S.,5.1(8),Pgii,(Sodium Hypochlorite, Sodium Hydroxide),Erg#140,(1x55gdf)
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 55
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0275
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0275
Waste Quantity, in Kilograms: 24.943325
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 24.943325
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Manifest Tracking Number:	000861627WAS
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3080
U.S. DOT Description:	Rq,Un3080,Waste Isocyanate Solutions, Toxic, Flammable, N.O.S.,6.1(3),Pgii, (Hexamethylene Diisocyanate),(D001),Erg#155, 2. (1x55gdm)
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	160
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.08
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.08
Waste Quantity, in Kilograms:	72.5624
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	72.5624
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Manifest Tracking Number:	000861627WAS
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2491
U.S. DOT Description:	Rq,Un2491,Waste Ethanolamine Solutions,8, Pgiii,(Monoethanolamine),(D002),Erg#153, (1x55gdf)
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	210
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.105
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.105
Waste Quantity, in Kilograms:	95.23815
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	95.23815
Management Method Code:	H141

UNITED PARCEL SERVICE - OAKLAND HUB (Continued) **1010562194**

Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y
Manifest Tracking Number:	000861627WAS
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN3244
U.S. DOT Description:	Rq,Un3244,Waste Solids Containing Corrosive Liquid, N.O.S.,8,Pgii, (Monoethanolamine, Benzyl Alcohol),(D002), 4. Erg#154,(1x55gdf)
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	115
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0575
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0575
Waste Quantity, in Kilograms:	52.15423
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	52.15423
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

Click this hyperlink while viewing on your computer to access
75 additional US EManifest: record(s) in the EDR Site Report.

C36 **DUNITZ & STERN** **UST FINDER RELEASE** **1028950770**
NNW **3050 TEAGARDEN** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.063 mi.
333 ft. **Site 11 of 11 in cluster C**

Relative: **Higher**
Actual: **34 ft.**

UST FINDER RELEASE:

Object ID:	43021
Facility ID:	Not reported
Lust ID:	CAT0600158364
Name:	DUNITZ & STERN
Address:	3050 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	731
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15424
Y Coord:	37.705
Latitude:	37.7049999999999
Longitude:	-122.15424

D37 **GNB INC** **RCRA-SQG** **1000119317**
WNW **2993 TEAGARDEN ST** **FINDS** **CAD058779356**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.065 mi.
342 ft. **Site 1 of 8 in cluster D**

Relative: **Lower**
Actual: **30 ft.**

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	Gnb Inc
Handler Address:	2993 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD058779356
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported

GNB INC (Continued) **1000119317**

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:	2
Mailing Address:	2993 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Not reported
Owner Type:	Not reported
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

GNB INC (Continued) **1000119317**

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: 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: GNB INC
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: 19960901
Handler Name: GNB INC
Federal Waste Generator Description: Large 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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960901
Handler Name: GNB INC

GNB INC (Continued) **1000119317**

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

Receive Date:	19800811
Handler Name: GNB INC	
Federal Waste Generator Description:	Large 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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42162
NAICS Description: ELECTRICAL APPLIANCE, TELEVISION, AND RADIO SET WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002651853

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000119317
Registry ID: 110002651853

GNB INC (Continued) **1000119317**

DFR URL:
Name: GNB INC
Address: 2993 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577

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38 **COSMOPROF 8688** **RCRA NonGen / NLR** **1024852749**
East **853 FREMONT AVE** **CAL000412030**
< 1/8 **SAN LEANDRO, CA 94577**
0.070 mi.
372 ft.

Relative:
Higher

Actual:
31 ft.

RCRA Listings:

Date Form Received by Agency:	20210610
Handler Name:	Cosmoprof 8688
Handler Address:	853 Fremont Ave
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000412030
Contact Name:	DEBBIE MIDDLETON
Contact Address:	3001 COLORADO BLVD
Contact City,State,Zip:	DENTON, TX 76210
Contact Telephone:	940-297-4964
Contact Fax:	Not reported
Contact Email:	DMIDDLETON@SALLYBEAUTY.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:	3207 GREY HAWK CT STE 200
Mailing City,State,Zip:	CARLSBAD, CA 92010
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Sally Holdings Llc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

COSMOPROF 8688 (Continued) **1024852749**

2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: SALLY BEAUTY HOLDING LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3001 COLORADO BLVD
Owner/Operator City,State,Zip:	DENTON, TX 76210
Owner/Operator Telephone:	940-898-7500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RANDY GOSS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3001 COLORADO BLVD
Owner/Operator City,State,Zip:	DENTON, TX 76210
Owner/Operator Telephone:	940-898-7500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: SALLY HOLDINGS LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3001 COLORADO BLVD
Owner/Operator City,State,Zip:	DENTON, TX 76210
Owner/Operator Telephone:	940-898-7500

COSMOPROF 8688 (Continued) **1024852749**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20151104
Handler Name: COSMOPROF BEAUTY
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: 20210610
Handler Name: COSMOPROF 8688
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: 44612
NAICS Description: COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E39 **EXCHANGE, INC.** **RCRA NonGen / NLR** **1025860426**
NNE **3055 ALVARADO ST** **E MANIFEST** **CAC003041074**
< 1/8 **SAN LEANDRO, CA 94577**
0.074 mi.
391 ft. **Site 1 of 8 in cluster E**

Relative: **Higher**
Actual: **36 ft.**

RCRA Listings:
Date Form Received by Agency: 20191030
Handler Name: Exchange, Inc.
Handler Address: 3055 Alvarado St
Handler City,State,Zip: SAN LEANDRO, CA 94577-5711
EPA ID: CAC003041074
Contact Name: EXCHANGE, INC.
Contact Address: 3055 ALVARADO ST

EXCHANGE, INC. (Continued) **1025860426**

Contact City,State,Zip:	SAN LEANDRO, CA 94577-5711
Contact Telephone:	510-774-3315
Contact Fax:	Not reported
Contact Email:	CHRISTINA@EISENENVIRONMENTAL.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:	3055 ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577-5711
Owner Name:	Exchange, Inc.
Owner Type:	Other
Operator Name:	Exchange, Inc.
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

EXCHANGE, INC. (Continued) **1025860426**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: EXCHANGE, INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3055 ALVARADO ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577-5711
Owner/Operator Telephone: 510-774-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: EXCHANGE, INC.
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3055 ALVARADO ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577-5711
Owner/Operator Telephone: 510-774-3315
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191030
Handler Name: EXCHANGE, 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: 238290
NAICS Description: OTHER BUILDING EQUIPMENT CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

EXCHANGE, INC. (Continued) **1025860426**

E MANIFEST:

Manifest Tracking Number:	020060833JJK
Last Updated Date:	20191205
Shipped Date:	20191112
Received Date:	20191119
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003041074
Generator Name:	Exchange, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	3055 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5711
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3055 ALVARADO ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5711
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982042475
Designated Facility Name:	Recology Hay Road
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	020060833JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	020060833JJK
Transporter Line Number:	1
Transporter EPA ID:	CAL000448209
Transporter Name:	Eisen Environmental & Construction Services
Manifest Tracking Number:	020060833JJK
Transporter Line Number:	2

EXCHANGE, INC. (Continued) **1025860426**

Transporter EPA ID: CAR000272773
Transporter Name: Uni Waste Llc

Waste Line:
Manifest Tracking Number: 020060833JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: Rq Na2212, Asbestos, 9, Pgiii
Non-Hazardous Waste Description: Not reported
Number of Containers: 40
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 4
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 3.36
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 3.36
Waste Quantity, in Kilograms: 3047.6208
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 3047.6208
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

D40 **SHASTA LABORATORY INC** **RCRA-VSQG** **1027219336**
WNW **2974 TEAGARDEN ST** **E MANIFEST** **CAR000336339**
< 1/8 **SAN LEANDRO, CA 94577**
0.082 mi.
433 ft. **Site 2 of 8 in cluster D**

Relative: **Higher**
Actual: **31 ft.**

RCRA Listings:
Date Form Received by Agency: 20220323
Handler Name: Shasta Laboratory Inc
Handler Address: Teagarden St.
Handler City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAR000336339
Contact Name: SVETLANA AGEYEVA
Contact Address: TEAGARDEN ST.
Contact City,State,Zip: SAN LEANDRO, CA 94577
Contact Telephone: 847-404-0573
Contact Fax: Not reported
Contact Email: SAGEYEVA@HOTMAIL.COM

SHASTA LABORATORY INC (Continued) **1027219336**

Contact Title:	LABORATORY DIRECTOR
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:	TEAGARDEN ST.
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Cid Enterprises
Owner Type:	Private
Operator Name:	Daeseob Cho
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20220324
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

SHASTA LABORATORY INC (Continued) **1027219336**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CID ENTERPRISES
Legal Status: Private
Date Became Current: 20220323
Date Ended Current: Not reported
Owner/Operator Address: 15 BRANDT DRIVE
Owner/Operator City,State,Zip: MORAGA, CA 94556
Owner/Operator Telephone: 415-713-0411
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: LUWA@SBCGLOBAL.NET

Owner/Operator Indicator: Operator
Owner/Operator Name: DAESEOB CHO
Legal Status: Private
Date Became Current: 20220323
Date Ended Current: Not reported
Owner/Operator Address: 2974 TEAGARDEN STREET
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 510-992-6800
Owner/Operator Telephone Ext: 101
Owner/Operator Fax: Not reported
Owner/Operator Email: DCHO@SHASTALAB.COM

Historic Generators:
Receive Date: 20220323
Handler Name: SHASTA LABORATORY INC
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: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 541380
NAICS Description: TESTING LABORATORIES AND SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

SHASTA LABORATORY INC (Continued) **1027219336**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	024231307JJK
Last Updated Date:	20221221
Shipped Date:	20220912
Received Date:	20221028
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000336339
Generator Name:	Shasta Laboratory Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2974 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2974 Teagarden St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982444481
Designated Facility Name:	Hazmat Tsdf Inc, Former Filter Recycling Services Inc
Designated Facility Mail Street Number:	180
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	WEST MONTE AVENUE
Designated Facility Mail City:	RIALTO
Designated Facility Mail Zip:	92316
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	180
Designated Facility Location Street 1:	WEST MONTE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	RIALTO
Designated Facility Location Zip:	92316
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024231436JJK
Last Updated Date:	20230203
Shipped Date:	20221207
Received Date:	20230125
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000336339
Generator Name:	Shasta Laboratory Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2974 TEAGARDEN ST

SHASTA LABORATORY INC (Continued) **1027219336**

Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2974 Teagarden St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982444481
Designated Facility Name:	Hazmat Tsdf Inc, Former Filter Recycling Services Inc
Designated Facility Mail Street Number:	180
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	WEST MONTE AVENUE
Designated Facility Mail City:	RIALTO
Designated Facility Mail Zip:	92316
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	180
Designated Facility Location Street 1:	WEST MONTE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	RIALTO
Designated Facility Location Zip:	92316
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024231437JJK
Last Updated Date:	20230309
Shipped Date:	20221207
Received Date:	20230201
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAR000336339
Generator Name:	Shasta Laboratory Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2974 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2974 Teagarden St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	MOD981123391
Designated Facility Name:	Hazmat Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	6300 STADIUM DR
Designated Facility Mail City:	KANSAS CITY

SHASTA LABORATORY INC (Continued) **1027219336**

Designated Facility Mail Zip: 64129-1737
Designated Facility Mail State: MO
Designated Facility Location Street Number: Not reported
Designated Facility Location Street 1: 6300 STADIUM DR
Designated Facility Location Street 2: Not reported
Designated Facility Location City: KANSAS CITY
Designated Facility Location Zip: 64129-1737
Designated Facility Location State: MO
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

Federal Waste:
Manifest Tracking Number: 024231437JJK
Waste Line Number: 1
Federal Waste Code: D002
Federal Waste: CORROSIVE WASTE

Manifest Tracking Number: 024231437JJK
Waste Line Number: 2
Federal Waste Code: D001
Federal Waste: IGNITABLE WASTE

Manifest Tracking Number: 024231437JJK
Waste Line Number: 2
Federal Waste Code: F003
Federal Waste: 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.

State Waste:
Manifest Tracking Number: 024231437JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 135
State Waste: Unspecified aqueous solution

Manifest Tracking Number: 024231437JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 791
State Waste: Liquids with pH < =2

Manifest Tracking Number: 024231437JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 214
State Waste: Unspecified solvent mixture

SHASTA LABORATORY INC (Continued) **1027219336**

Manifest Tracking Number: 024231437JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 343
State Waste: Unspecified organic liquid mixture

Transporter:
Manifest Tracking Number: 024231437JJK
Transporter Line Number: 1
Transporter EPA ID: CAR000295337
Transporter Name: Gaiaca Llc

Manifest Tracking Number: 024231437JJK
Transporter Line Number: 2
Transporter EPA ID: CAR000217513
Transporter Name: Environmental Logistics Inc

Waste Line:
Manifest Tracking Number: 024231437JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: UN3264
U.S. DOT Description: Un3264, Waste Corrosive Liquid, Acidic, Inorganic, N.O.S., (Nitric Acid, Phosphoric Acid), 8, Pgii
Non-Hazardous Waste Description: Not reported
Number of Containers: 1
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 30
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.12510425
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.12510425
Waste Quantity, in Kilograms: 113.47331
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 113.47331
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: Y

Manifest Tracking Number: 024231437JJK
Waste Line Number: 2

SHASTA LABORATORY INC (Continued) **1027219336**

U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1993
U.S. DOT Description:	Un1993, Waste Flammable Liquids, N.O.S., (Ethanol, Acetonitrile), 3, Pgii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	30
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.12510425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12510425
Waste Quantity, in Kilograms:	113.47331
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.47331
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

D41 **VISION ISLE** **RCRA NonGen / NLR** **1024842107**
WNW **2972 TEAGARDEN ST** **CAL000392401**
< 1/8 **SAN LEANDRO, CA 94577**
0.082 mi.
433 ft. **Site 3 of 8 in cluster D**

Relative:
Higher

Actual:
31 ft.

RCRA Listings:

Date Form Received by Agency:	20140107
Handler Name:	Vision Isle
Handler Address:	2972 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000392401
Contact Name:	CARDEN SMITH
Contact Address:	2972 TEAGARDEN STREET
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-562-5377
Contact Fax:	510-562-5778
Contact Email:	CARDEN@VISIONISLE.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

VISION ISLE (Continued) **1024842107**

Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2972 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Carden Smith
Owner Type:	Other
Operator Name:	Carden Smith
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: CARDEN SMITH	
Legal Status:	Other
Date Became Current:	Not reported

VISION ISLE (Continued) **1024842107**

Date Ended Current:	Not reported
Owner/Operator Address:	2972 TEAGARDEN STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-562-5377
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CARDEN SMITH	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1777 BENEDICT DR
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-562-5377
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140107
Handler Name: VISION ISLE	
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:	323119
NAICS Description:	OTHER COMMERCIAL PRINTING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D42 **DURA STRIP OF SAN LEANDRO** **RCRA-SQG** **1000143261**
WNW **2996 TEAGARDEN ST** **FINDS** **CAD981448368**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.082 mi.
433 ft. **Site 4 of 8 in cluster D**

Relative: **Higher**
Actual: **31 ft.**

RCRA Listings:

Date Form Received by Agency:	19860304
Handler Name:	Dura Strip Of San Leandro
Handler Address:	2996 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577

DURA STRIP OF SAN LEANDRO (Continued) **1000143261**

EPA ID:	CAD981448368
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2996 TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	415-352-1100
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
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:	2
Mailing Address:	2996 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	W H Dick
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20020917
Recognized Trader-Importer:	No

DURA STRIP OF SAN LEANDRO (Continued) **1000143261**

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: W H DICK	
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:	19860304
Handler Name: DURA STRIP OF SAN LEANDRO	
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

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19860723

DURA STRIP OF SAN LEANDRO (Continued) **1000143261**

Actual Return to Compliance Date:	19910723
Return to Compliance Qualifier:	Not Resolved
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

Evaluation Action Summary:

Evaluation Date:	19860723
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910723
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110002710585

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the

DURA STRIP OF SAN LEANDRO (Continued) **1000143261**

Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000143261
Registry ID:	110002710585

DFR URL:

Name:	DURA STRIP OF SAN LEANDRO
Address:	2996 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577

D43 **PERFECT REFLECTIONS** **RCRA-SQG** **1000228130**
WNW **2954 TEAGARDEN ST** **FINDS** **CAD981633878**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.082 mi. **HWTS**
433 ft. **Site 5 of 8 in cluster D** **HAZNET**

Relative:
Higher

Actual:
31 ft.

RCRA Listings:

Date Form Received by Agency:	19870213
Handler Name:	Perfect Reflections
Handler Address:	Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD981633878
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2954 TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	415-483-9616
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:	2
Mailing Address:	TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Brian Hoyt/Wykk Keehner
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

PERFECT REFLECTIONS (Continued) **1000228130**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	No
Manifest Broker:	No
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: BRIAN HOYT/WYKK KEEHNER	
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

PERFECT REFLECTIONS (Continued) **1000228130**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19870213
Handler Name: PERFECT REFLECTIONS
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

FINDS:
Registry ID: 110002731802

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000228130
Registry ID: 110002731802

DFR URL:
Name: PERFECT REFLECTIONS
Address: 2954 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577

HWTS:
Name: PERFECT REFLECTIONS
Address: 2954 TEAGARDEN ST

PERFECT REFLECTIONS (Continued) **1000228130**

Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD981633878
Inactive Date:	06/30/1997
Create Date:	04/10/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2954 TEAGARDEN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945775719
Owner Name:	PERFECT REFLECTIONS
Owner Address:	2954 TEAGARDEN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN LEANDRO, CA 945775719
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	UNDELIVERABLE PER VF97 AH
Contact Address:	2954 TEAGARDEN ST
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945775719
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.704204
Longitude:	-122.154604

HAZNET:

Name:	PERFECT REFLECTIONS
Address:	2954 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945770000
Contact:	UNDELIVERABLE PER VF97 AH
Telephone:	4154839616
Mailing Name:	Not reported
Mailing Address:	2954 TEAGARDEN ST
Year:	1999
Gepaid:	CAD981633878
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.036
Year:	1998
Gepaid:	CAD981633878
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station
Tons:	0.108
Year:	1997
Gepaid:	CAD981633878
TSD EPA ID:	CA0000084517
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H01 - Transfer Station

PERFECT REFLECTIONS (Continued) **1000228130**

Tons: 0.09

Year: 1996
Gepaid: CAD981633878
TSD EPA ID: CA0000084517
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.072

Year: 1995
Gepaid: CAD981633878
TSD EPA ID: CAT000613950
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.09

Year: 1994
Gepaid: CAD981633878
TSD EPA ID: CAT000613950
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.036

Year: 1994
Gepaid: CAD981633878
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0315

Year: 1994
Gepaid: CAD981633878
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: -
Tons: 0.027

Year: 1992
Gepaid: CAD981633878
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2168

Year: 1991
Gepaid: CAD981633878
TSD EPA ID: CAD009452657
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: -
Tons: 0

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:
Year: 1999

PERFECT REFLECTIONS (Continued) **1000228130**

Gen EPA ID:	CAD981633878
Shipment Date:	19990308
Creation Date:	5/17/1999 0:00:00
Receipt Date:	19990310
Manifest ID:	98868368
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.036
Waste Quantity:	72
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 Information:

Year:	1998
Gen EPA ID:	CAD981633878
Shipment Date:	19981020
Creation Date:	12/8/1998 0:00:00
Receipt Date:	19981023
Manifest ID:	98566937
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19980828
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980904

PERFECT REFLECTIONS (Continued) **1000228130**

Manifest ID:	98275612
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19980630
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980707
Manifest ID:	98174624
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19980506
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980511
Manifest ID:	97364582
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

PERFECT REFLECTIONS (Continued) **1000228130**

Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
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:	19980313
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980317
Manifest ID:	97363096
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19980114
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980116
Manifest ID:	97353666
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PERFECT REFLECTIONS (Continued) **1000228130**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	1997
Gen EPA ID:	CAD981633878
Shipment Date:	19971119
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971125
Manifest ID:	97349972
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19970925
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970930
Manifest ID:	96843316
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19970730
Creation Date:	12/4/1997 0:00:00

PERFECT REFLECTIONS (Continued) **1000228130**

Receipt Date:	19970805
Manifest ID:	96846655
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19970410
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970417
Manifest ID:	96636524
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19970212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970219
Manifest ID:	96466066
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

PERFECT REFLECTIONS (Continued) **1000228130**

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:	0.018
Waste Quantity:	36
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 Information:

Year:	1996
Gen EPA ID:	CAD981633878
Shipment Date:	19961127
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961206
Manifest ID:	96493304
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19960919
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960924
Manifest ID:	96510029
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018

PERFECT REFLECTIONS (Continued) **1000228130**

Waste Quantity:	36
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:	19960612
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960618
Manifest ID:	96127689
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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:	19960125
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960201
Manifest ID:	95949707
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	Not reported
TSDF Alt EPA ID:	CA0000084517
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:	0.018
Waste Quantity:	36
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

PERFECT REFLECTIONS (Continued) **1000228130**

Additional Information:

Year:	1995
Gen EPA ID:	CAD981633878
Shipment Date:	19951017
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951019
Manifest ID:	95758782
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
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:	19950623
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950627
Manifest ID:	95427846
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
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:	19950425
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950427
Manifest ID:	95520212
Trans EPA ID:	ILD984908202

PERFECT REFLECTIONS (Continued) **1000228130**

Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
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:	19950227
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950302
Manifest ID:	95099335
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
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:	19950104
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950105
Manifest ID:	95080339
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005

PERFECT REFLECTIONS (Continued) **1000228130**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
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 Information:

Year:	1994
Gen EPA ID:	CAD981633878
Shipment Date:	19941104
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941109
Manifest ID:	95028860
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
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:	19940915
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940919
Manifest ID:	93785929
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613950
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:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported

PERFECT REFLECTIONS (Continued) **1000228130**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940722
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940726
Manifest ID:	93683047
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:	0.018
Waste Quantity:	36
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:	19940606
Creation Date:	10/10/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93652241
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
Shipment Date:	19940329
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93425919

PERFECT REFLECTIONS (Continued) **1000228130**

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

Shipment Date:	19940127
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940201
Manifest ID:	93084661
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

D44 **CID ENTERPRISES LLC** **RCRA NonGen / NLR** **1024764823**
WNW **2974 TEAGARDEN ST** **E MANIFEST** **CAC002984691**
< 1/8 **SAN LEANDRO, CA 94577**
0.082 mi.
433 ft. **Site 6 of 8 in cluster D**

Relative:
Higher

Actual:
31 ft.

RCRA Listings:

Date Form Received by Agency:	20181012
Handler Name:	Cid Enterprises, Llc
Handler Address:	2974 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC002984691
Contact Name:	CID ENTERPRISES, LLC
Contact Address:	2974 TEAGARDEN ST

CID ENTERPRISES LLC (Continued) **1024764823**

Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-502-5804
Contact Fax:	Not reported
Contact Email:	ERIC@EISENENVIRONMENTAL.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:	2974 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Cid Enterprises Llc
Owner Type:	Other
Operator Name:	Cid Enterprises, Llc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

CID ENTERPRISES LLC (Continued) **1024764823**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CID ENTERPRISES LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2974 TEAGARDEN ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 510-502-5804
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CID ENTERPRISES, LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2974 TEAGARDEN ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 510-502-5804
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181012
Handler Name: CID ENTERPRISES, LLC
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

CID ENTERPRISES LLC (Continued) **1024764823**

E MANIFEST:

Manifest Tracking Number:	010194488JJK
Last Updated Date:	20181109
Shipped Date:	20181016
Received Date:	20181016
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC002984691
Generator Name:	Cid Enterprises Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2974 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2974 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD981382732
Designated Facility Name:	Altamont Landfill & Resource Recovery Facility
Designated Facility Mail Street Number:	10840
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	10840 ALTAMONT PASS RD
Designated Facility Mail City:	LIVERMORE
Designated Facility Mail Zip:	94551
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	10840
Designated Facility Location Street 1:	10840 ALTAMONT PASS RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LIVERMORE
Designated Facility Location Zip:	94551
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	010194488JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	010194488JJK
Transporter Line Number:	1
Transporter EPA ID:	CAR000037283
Transporter Name:	World Environmental And Energy Inc

Waste Line:

CID ENTERPRISES LLC (Continued) **1024764823**

Manifest Tracking Number:	010194488JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA2212
U.S. DOT Description:	Na2212, Asbestos, 9, Pg Iii, Rq
Non-Hazardous Waste Description:	Not reported
Number of Containers:	1
Container Type Code:	CM
Container Type Description:	Metal boxes, cartons, cases (including roll offs)
Waste Quantity:	15
Quantity Unit of Measure Code:	Y
Quantity Unit of Measure Description:	Cubic Yards
Waste Quantity, in Tons:	12.599999
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	12.599999
Waste Quantity, in Kilograms:	11428.578
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	11428.578
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

D45 **DOHERTY N DUNNE** **RCRA-SQG** **1000905329**
WNW **2972 TEAGARDEN** **FINDS** **CA0000486027**
< 1/8 **SAN LEANDRO, CA 94577** **ECHO**
0.082 mi.
433 ft. **Site 7 of 8 in cluster D**

Relative: RCRA Listings:
Higher

Actual: Date Form Received by Agency:	19940728
31 ft. Handler Name:	Doherty N Dunne
Handler Address:	Teagarden
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CA0000486027
Contact Name:	LAURA MAXWELL
Contact Address:	2972 TEAGARDEN
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-483-6581
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

DOHERTY N DUNNE (Continued) **1000905329**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	TEAGARDEN
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Phil Doherty
Owner Type:	Municipal
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PHIL DOHERTY	
Legal Status:	Municipal

DOHERTY N DUNNE (Continued) **1000905329**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1511 PARK ST
Owner/Operator City,State,Zip:	ALAMEDA, CA 94501
Owner/Operator Telephone:	510-522-2345
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19940728
Handler Name: DOHERTY N DUNNE	
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

FINDS:

Registry ID: 110002618748

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000905329
Registry ID:	110002618748

DFR URL:

Name:	DOHERTY N DUNNE
Address:	2972 TEAGARDEN

DOHERTY N DUNNE (Continued) **1000905329**

City,State,Zip: SAN LEANDRO, CA 94577

D46 **CID ENTERPRISES LLC** **CERS HAZ WASTE** **S124702975**
WNW **2974 TEAGARDEN ST** **HWTS** **N/A**
< 1/8 **SAN LEANDRO, CA 94577** **HAZNET**
0.082 mi. **CERS**
433 ft. **Site 8 of 8 in cluster D**

Relative:
Higher

Actual:
31 ft.

CERS HAZ WASTE:
Name: SHASTA LABORATORIES, INC.
Address: 2974 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 613490
CERS ID: 10900393
CERS Description: Hazardous Waste Generator

HWTS:
Name: CID ENTERPRISES, LLC
Address: 2974 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAC002984691
Inactive Date: 01/11/2019
Create Date: 10/12/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2974 TEAGARDEN ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 94577
Owner Name: CID ENTERPRISES LLC
Owner Address: 2974 TEAGARDEN ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 94577
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: CID ENTERPRISES, LLC
Contact Address: 2974 TEAGARDEN ST
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.704795
Longitude: -122.154844

HAZNET:
Name: CID ENTERPRISES LLC
Address: 2974 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact: CID ENTERPRISES LLC
Telephone: 5105025804
Mailing Name: Not reported
Mailing Address: 2974 TEAGARDEN ST

CID ENTERPRISES LLC (Continued) **S124702975**

Year:	2018
Gepaid:	CAC002984691
TSD EPA ID:	CAD981382732
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	3.45000

CERS:

Name:	SHASTA LABORATORIES, INC.
Address:	2974 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	613490
CERS ID:	10900393
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	613490
Site Name:	Shasta Laboratories, Inc.
Violation Date:	07-28-2022
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 10/10/2022. CERS Submittal Required
Violation Division:	San Leandro City
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	613490
Site Name:	Shasta Laboratories, Inc.
Violation Date:	07-28-2022
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 08/22/2022. Require Accumulation Start Date
Violation Division:	San Leandro City
Violation Program:	HW
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-28-2022
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	This is a new cannabis lab startup. The facility was clean and well run. The EPA ID Number is current. No hazardous waste has been hauled off from this facility to date. hazardous waste is accumulated in satellite locations then consolidated for pickup. Logs are maintained for waste accumulation. Labeling was present on all hazardous waste. Fire extinguishers were properly serviced. Spill kits were observed.

CID ENTERPRISES LLC (Continued) **S124702975**

eye wash stations were present. most compressed cylinders/tanks were chained/capped/secure. Items that need to be addressed: 1)Complete CERS submittal (In progress), 2)Cap/chain/secure all compressed cylinders and tanks, 3) Complete all hazardous waste labels including accumulation start dates.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This is a new cannabis lab startup. The facility was clean and well run. All flammable/hazardous material cabinets were clean, dry, and properly labeled. The EPA ID Number is current. No hazardous waste has been hauled off from this facility to date. hazardous waste is accumulated in satellite locations then consolidated for pickup. Logs are maintained for waste accumulation. Labeling was present on all hazardous waste. Fire extinguishers were properly serviced. Spill kits were observed. eye wash stations were present. most compressed cylinders/tanks were chained/capped/secure. Items that need to be addressed: 1)Complete CERS submittal (In progress), 2)Cap/chain/secure all compressed cylinders and tanks, 3) Complete all hazardous waste labels including accumulation start dates.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:

Site ID: 613490
Site Name: Shasta Laboratories, Inc.
Site Address: 2974 TEAGARDEN ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-28-2022
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 Leandro City
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 613490
Site Name: Shasta Laboratories, Inc.
Site Address: 2974 TEAGARDEN ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-28-2022
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

CID ENTERPRISES LLC (Continued) **S124702975**

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2974 Teagarden St.
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Svetlana Ageyeva
Entity Title:	Laboratory Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Svetlana Ageyeva
Entity Title:	Not reported
Affiliation Address:	2974 Teagarden St.
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,
Affiliation Type Desc:	Legal Owner
Entity Name:	Dae Cho
Entity Title:	Not reported
Affiliation Address:	2974 Teagarden St.,
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 992-6800,
Affiliation Type Desc:	Document Preparer
Entity Name:	Svetlana Ageyeva
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

CID ENTERPRISES LLC (Continued) **S124702975**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Shasta Laboratory 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: (510) 992-6800,

Affiliation Type Desc: Parent Corporation
Entity Name: Shasta Laboratories, 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: ,

Affiliation Type Desc: Property Owner
Entity Name: CID Enterprises, LLC
Entity Title: Not reported
Affiliation Address: 15 Brandt Drive
Affiliation City: Moraga
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94556
Affiliation Phone: (925) 376-7376,

F47 **VELMA MURPHY** **RCRA NonGen / NLR** **1026042089**
SW **1216 DARTMOUTH AVE** **CAC003048276**
< 1/8 **SAN LEANDRO, CA 94579**
0.101 mi.
535 ft. **Site 1 of 2 in cluster F**

Relative: RCRA Listings:
Lower
Actual: Date Form Received by Agency: 20191223
25 ft. Handler Name: Velma Murphy
Handler Address: 1216 Dartmouth Ave
Handler City,State,Zip: SAN LEANDRO, CA 94579
EPA ID: CAC003048276
Contact Name: VELMA MURPHY
Contact Address: 1216 DARTMOUTH AVE
Contact City,State,Zip: SAN LEANDRO, CA 94579
Contact Telephone: 614-595-7442
Contact Fax: Not reported
Contact Email: SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

VELMA MURPHY (Continued) **1026042089**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1216 DARTMOUTH AVE
Mailing City,State,Zip:	SAN LEANDRO, CA 94579
Owner Name:	Velma Murphy
Owner Type:	Other
Operator Name:	Velma Murphy
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	Owner
Owner/Operator Name: VELMA MURPHY	
Legal Status:	Other

VELMA MURPHY (Continued) **1026042089**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1216 DARTMOUTH AVE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94579
Owner/Operator Telephone: 614-595-7442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: VELMA MURPHY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1216 DARTMOUTH AVE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94579
Owner/Operator Telephone: 614-595-7442
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191223
Handler Name: VELMA MURPHY
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

E48 **BEST BUY DELIVERY PAD STE 2602** **RCRA NonGen / NLR** **1024863408**
NNE **2998 ALVARADO ST UNIT H** **E MANIFEST** **CAL000431953**
< 1/8 **SAN LEANDRO, CA 94577**
0.105 mi.
553 ft. **Site 2 of 8 in cluster E**

Relative:
Higher

Actual:
37 ft.

RCRA Listings:

Date Form Received by Agency:	20171107
Handler Name:	Best Buy Delivery Pad Ste 2602
Handler Address:	2998 Alvarado St Unit H
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000431953
Contact Name:	TIM DUNN
Contact Address:	7601 PENN AVE SOUTH
Contact City,State,Zip:	RICHFIELD, MN 55423
Contact Telephone:	612-291-3406
Contact Fax:	952-430-6708
Contact Email:	ENVCOMPLIANCE@BESTBUY.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:	7601 PENN AVE SOUTH
Mailing City,State,Zip:	RICHFIELD, MN 55423
Owner Name:	Best Buy Co
Owner Type:	Other
Operator Name:	Tim Dunn
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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: TIM DUNN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7601 PENN AVE SOUTH
Owner/Operator City,State,Zip:	RICHFIELD, MN 55423
Owner/Operator Telephone:	612-291-3406
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: BEST BUY CO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	7601 PENN AVE SOUTH
Owner/Operator City,State,Zip:	RICHFIELD, MN 55423
Owner/Operator Telephone:	612-291-3406
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20171107
Handler Name: BEST BUY DELIVERY PAD STE 2602	
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

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

List of NAICS Codes and Descriptions:
NAICS Code: 531130
NAICS Description: LESSORS OF MINIWAREHOUSES AND SELF-STORAGE UNITS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	200162551CLE
Last Updated Date:	20220720
Shipped Date:	20220525
Received Date:	20220630
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008364432
Designated Facility Name:	Rho Chem Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	425 Isis Ave.
Designated Facility Mail City:	Inglewood
Designated Facility Mail Zip:	90301
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	425 Isis Ave.
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Inglewood
Designated Facility Location Zip:	90301
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015958969FLE
Last Updated Date:	20210520
Shipped Date:	20210428

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Received Date:	20210507
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015958970FLE
Last Updated Date:	20210604
Shipped Date:	20210428
Received Date:	20210507
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Delivery Pad Ste 2602
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E. 13TH ST.
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200050159CLE
Last Updated Date:	20220203
Shipped Date:	20220107
Received Date:	20220124
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	015960226FLE
Last Updated Date:	20210621
Shipped Date:	20210524
Received Date:	20210604
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	015960227FLE
Last Updated Date:	20210702
Shipped Date:	20210524
Received Date:	20210607
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Delivery Pad Ste 2602
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E. 13TH ST.
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200119865CLE
Last Updated Date:	20220502
Shipped Date:	20220331
Received Date:	20220420
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200119866CLE
Last Updated Date:	20220423
Shipped Date:	20220331
Received Date:	20220408
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	200119867CLE
Last Updated Date:	20220510
Shipped Date:	20220331
Received Date:	20220417
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Generator Name:	Best Buy Delivery Pad Ste 2602
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E. 13TH ST.
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016266380FLE
Last Updated Date:	20220117
Shipped Date:	20210819
Received Date:	20210902
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008364432
Designated Facility Name:	Rho Chem Llc
Designated Facility Mail Street Number:	Not reported

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	425 Isis Ave.
Designated Facility Mail City:	Inglewood
Designated Facility Mail Zip:	90301
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	425 Isis Ave.
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Inglewood
Designated Facility Location Zip:	90301
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015100455FLE
Last Updated Date:	20201214
Shipped Date:	20201020
Received Date:	20201211
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000431953
Generator Name:	Best Buy Dc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2998 ALVARADO ST, UNIT H
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-5706
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2998 ALVARADO ST, UNIT H
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5706
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVD980895338
Designated Facility Name:	21st Century Environmental Management Of Nevada, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2095 Newlands Drive East
Designated Facility Mail City:	Fernley
Designated Facility Mail Zip:	89408
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2095 Newlands Drive East
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Fernley
Designated Facility Location Zip:	89408
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	015100456FLE

BEST BUY DELIVERY PAD STE 2602 (Continued) **1024863408**

Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Transporter:
Manifest Tracking Number: 015100456FLE
Transporter Line Number: 1
Transporter EPA ID: MNS000110924
Transporter Name: Clean Earth Specialty Waste Solutions, Inc.

Manifest Tracking Number: 015100456FLE
Transporter Line Number: 2
Transporter EPA ID: CAR000175422
Transporter Name: Worldwide Recovery System Inc

Waste Line:
Manifest Tracking Number: 015100456FLE
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NON RCRA HAZARDOUS WASTE, LIQUID (CONSUMER PRODUCTS)
Number of Containers: 2
Container Type Code: DF
Container Type Description: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 77
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.0385
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.0385
Waste Quantity, in Kilograms: 34.920654
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 34.920654
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Click this hyperlink while viewing on your computer to access
15 additional US EManifest: record(s) in the EDR Site Report.

E49 **BEST BUY #2602** **CERS HAZ WASTE** **S121784524**
NNE **2998 ALVARADO ST UNIT H** **CERS** **N/A**
< 1/8 **SAN LEANDRO, CA 94577**
0.105 mi.
553 ft. **Site 3 of 8 in cluster E**

Relative:
Higher

Actual:
37 ft.

CERS HAZ WASTE:
Name: BEST BUY #2602
Address: 2998 ALVARADO ST UNIT H
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 434173
CERS ID: 10662550
CERS Description: Hazardous Waste Generator

CERS:
Name: BEST BUY #2602
Address: 2998 ALVARADO ST UNIT H
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 434173
CERS ID: 10662550
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The EPA ID # is active. All waste was properly labeled with accumulation dates. All waste manifests were avaliable for review. Spill kits were present. All fire extinguishers were properly serviced. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No lead-acid batteries in storage; batteries only located on forklifts. Facility is not regulated under HMBP at this time.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No lead-acid batteries in storage; batteries only located on forklifts. CERS is up to date. The EPA ID # is active. All waste was properly labeled with accumulation dates. All waste manifests were avaliable for review. Spill kits were present. All fire extinguishers were properly serviced. The trash area was clean. The facility was clean and well kept. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

BEST BUY #2602 (Continued) **S121784524**

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Tim Dunn
Entity Title:	Not reported
Affiliation Address:	7601 Penn Avenue South, B6
Affiliation City:	Richfield
Affiliation State:	MN
Affiliation Country:	Not reported
Affiliation Zip:	55423-3645
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Prologics
Entity Title:	Not reported
Affiliation Address:	3353 Gateway Blvd.
Affiliation City:	Fremont
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94538
Affiliation Phone:	(510) 661-4028,

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

Affiliation Type Desc:	Identification Signer
Entity Name:	Kristen Applegate
Entity Title:	Senior Manager Environmental Compliance
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Best Buy Warehousing and Logistics, Inc
Entity Title:	Not reported
Affiliation Address:	7601 Penn Avenue South B6
Affiliation City:	Richfield
Affiliation State:	MN
Affiliation Country:	United States
Affiliation Zip:	55423-3645
Affiliation Phone:	(612) 291-1000,

Affiliation Type Desc:	Operator
Entity Name:	Best Buy Delivery Pad #2602
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

BEST BUY #2602 (Continued) **S121784524**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(855) 229-4911,
Affiliation Type Desc:	Document Preparer
Entity Name:	Aptim Environmental & Infrastructure, 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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	7601 Penn Ave South B6
Affiliation City:	Richfield
Affiliation State:	MN
Affiliation Country:	Not reported
Affiliation Zip:	55423
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Best Buy Supply Chain Facilities
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:	,

E50 **INTERNET PACKAGING SOLUTIONS** **RCRA NonGen / NLR** **1026815730**
NNE **2992D ALVARADO ST.** **CAC003128411**
< 1/8 **SAN LEANDRO, CA 94577**
0.107 mi.
566 ft. **Site 4 of 8 in cluster E**

Relative: **Higher**

Actual: **37 ft.**

RCRA Listings:

Date Form Received by Agency:	20211019
Handler Name:	Internet Packaging Solutions
Handler Address:	2992d Alvarado St.
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC003144371
Contact Name:	MIMI GURSKE
Contact Address:	2992D ALVARADO ST.
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-878-3143
Contact Fax:	Not reported
Contact Email:	NICK@FULFILLMENTSERVICES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

INTERNET PACKAGING SOLUTIONS (Continued) **1026815730**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2992D ALVARADO ST.
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Theresa Klinger
Owner Type:	Other
Operator Name:	Mimi Gurske
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20211019
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:	THERESA KLINGER
Legal Status:	Other

INTERNET PACKAGING SOLUTIONS (Continued) **1026815730**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2992D ALVARADO ST.
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-878-3143
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: MIMI GURSKE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2992D ALVARADO ST.
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-878-3143
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20211019
Handler Name:	INTERNET PACKAGING SOLUTIONS
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:	488510
NAICS Description:	FREIGHT TRANSPORTATION ARRANGEMENT

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E51 **INTERNET PACKAGING SOLUTIONS, INC.** **RCRA NonGen / NLR** **1027072762**
NNE **2992 ALVARADO ST** **E MANIFEST** **CAC003144360**
< 1/8 **SAN LEANDRO, CA 94577**
0.107 mi.
566 ft. **Site 5 of 8 in cluster E**

Relative: **Higher**

Actual: **37 ft.**

RCRA Listings:

Date Form Received by Agency:	20211019
Handler Name:	Internet Packaging Solutions, Inc.
Handler Address:	2992 Alvarado St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC003144360
Contact Name:	NICK LINDGREN
Contact Address:	2992 ALVARADO ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-878-3143
Contact Fax:	Not reported
Contact Email:	CAROLINE@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:	2992 ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Nick Lindgren
Owner Type:	Other
Operator Name:	Nick Lindgren
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

INTERNET PACKAGING SOLUTIONS, INC. (Continued) **1027072762**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	20211019
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: NICK LINDGREN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2992 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-878-3143
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NICK LINDGREN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2992 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-878-3143
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20211019
Handler Name:	INTERNET PACKAGING SOLUTIONS, 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:	No
Electronic Manifest Broker:	No

INTERNET PACKAGING SOLUTIONS, INC. (Continued) **1027072762**

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

E MANIFEST:

Manifest Tracking Number:	023575292JJK
Last Updated Date:	20220201
Shipped Date:	20211027
Received Date:	20211108
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAC003144360
Generator Name:	Internet Packaging Solutions, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2992 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2992 ALVARADO ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000520478
Designated Facility Name:	Environmental Waste Solutions, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 626
Designated Facility Mail City:	LOMA LINDA
Designated Facility Mail Zip:	92354
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	31915 INDUSTRIAL LANE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PARKER
Designated Facility Location Zip:	85344
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	023575292JJK
Waste Line Number:	1

INTERNET PACKAGING SOLUTIONS, INC. (Continued) **1027072762**

State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Manifest Tracking Number: 023575292JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 331
State Waste: Off-specification, aged, or surplus organics

Transporter:
Manifest Tracking Number: 023575292JJK
Transporter Line Number: 1
Transporter EPA ID: CAR000277699
Transporter Name: Hec Inc

Manifest Tracking Number: 023575292JJK
Transporter Line Number: 2
Transporter EPA ID: CAR000183574
Transporter Name: Environmental Mngmt Technologies Inc

Waste Line:
Manifest Tracking Number: 023575292JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NON RCRA HAZARDOUS WASTE LIQUID
Number of Containers: 6
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 3000
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 1.5
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 1.5
Waste Quantity, in Kilograms: 1360.545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1360.545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

INTERNET PACKAGING SOLUTIONS, INC. (Continued) **1027072762**

Manifest Tracking Number:	023575292JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON RCRA HAZARDOUS WASTE LIQUID
Number of Containers:	6
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	3100
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	1.55
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.55
Waste Quantity, in Kilograms:	1405.8965
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	1405.8965
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

G52 **EVA RODRIGUEZ** **RCRA NonGen / NLR** **1031057897**
WSW **14216 CORVALLIS STREET** **CAC003285667**
< 1/8 **SAN LEANDRO, CA 94579**
0.113 mi.
597 ft. **Site 1 of 2 in cluster G**

Relative: RCRA Listings:
Lower

Actual: Date Form Received by Agency:	20240502
25 ft. Handler Name:	Eva Rodriguez
Handler Address:	14216 Corvallis Street
Handler City,State,Zip:	SAN LEANDRO, CA 94579
EPA ID:	CAC003285667
Contact Name:	EVA RODRIGUEZ
Contact Address:	14216 CORVALLIS STREET
Contact City,State,Zip:	SAN LEANDRO, CA 94579
Contact Telephone:	510-909-1069
Contact Fax:	Not reported
Contact Email:	NICOLE@ENV-REM.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

EVA RODRIGUEZ (Continued) **1031057897**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	14216 CORVALLIS STREET
Mailing City,State,Zip:	SAN LEANDRO, CA 94579
Owner Name:	Eva Rodriguez
Owner Type:	Other
Operator Name:	Eva Rodriguez
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20240503
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: EVA RODRIGUEZ	
Legal Status:	Other

EVA RODRIGUEZ (Continued) **1031057897**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14216 CORVALLIS STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94579
Owner/Operator Telephone:	510-909-1069
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: EVA RODRIGUEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14216 CORVALLIS STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94579
Owner/Operator Telephone:	510-909-1069
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20240502
Handler Name: EVA RODRIGUEZ	
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:	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

E53 **NUMARK TRANSPORTATION** **RCRA NonGen / NLR** **1026721648**
North **2976 ALVARADO ST** **E MANIFEST** **CAL000458679**
< 1/8 **SAN LEANDRO, CA 94577**
0.114 mi.
600 ft. **Site 6 of 8 in cluster E**

Relative: **Higher**

Actual: **38 ft.**

RCRA Listings:

Date Form Received by Agency:	20201204
Handler Name:	Numark Transportation Inc
Handler Address:	2976 Alvarado St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000458679
Contact Name:	BILL ALEXANDER
Contact Address:	2976 ALVARADO ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-351-9106
Contact Fax:	510-357-5835
Contact Email:	BILL@NUMARKTRANSPORTATION.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:	2737 S EAST AVE
Mailing City,State,Zip:	FRESNO, CA 93725
Owner Name:	Numark Transportation Inc
Owner Type:	Other
Operator Name:	Bill Alexander
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

NUMARK TRANSPORTATION (Continued) **1026721648**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	20201218
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:	BILL ALEXANDER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2976 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-351-9106
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NUMARK TRANSPORTATION INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2737 S EAST AVE
Owner/Operator City,State,Zip:	FRESNO, CA 93725
Owner/Operator Telephone:	559-486-3113
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201204
Handler Name:	NUMARK 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

NUMARK TRANSPORTATION (Continued) **1026721648**

List of NAICS Codes and Descriptions:
NAICS Code: 488490
NAICS Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	021980651JJK
Last Updated Date:	20210118
Shipped Date:	20201208
Received Date:	20201216
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000458679
Generator Name:	Numark Transportation
Generator Location Street Number:	Not reported
Generator Location Street 1:	2976 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2737 S East Ave
Generator Mail Street 2:	Not reported
Generator Mail City:	Fresno
Generator Mail Zip:	93725
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982444481
Designated Facility Name:	Hazmat Tsdf Inc, Former Filter Recycling Services Inc
Designated Facility Mail Street Number:	180
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	WEST MONTE AVENUE
Designated Facility Mail City:	RIALTO
Designated Facility Mail Zip:	92316
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	180
Designated Facility Location Street 1:	WEST MONTE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	RIALTO
Designated Facility Location Zip:	92316
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	021980651JJK
Waste Line Number:	1

NUMARK TRANSPORTATION (Continued) **1026721648**

State Waste Code Owner: CA
State Waste Code: 134
State Waste: Aqueous solution with <10% total organic residues

Manifest Tracking Number: 021980651JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 134
State Waste: Aqueous solution with <10% total organic residues

Transporter:
Manifest Tracking Number: 021980651JJK
Transporter Line Number: 1
Transporter EPA ID: CAR000217513
Transporter Name: Environmental Logistics Inc

Waste Line:
Manifest Tracking Number: 021980651JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non-RCRA Hazardous Waste Liquid (Potassium Lactate, Water)
Number of Containers: 2
Container Type Code: TP
Container Type Description: Portable tanks
Waste Quantity: 265
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 1.1050875
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 1.1050875
Waste Quantity, in Kilograms: 1002.34753
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 1002.34753
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

E54 **RODGERS TRUCKING CO.** **RCRA NonGen / NLR** **1026045817**
North **2972 -H ALVARADO STREET** **E MANIFEST** **CAC003052263**
< 1/8 **SAN LEANDRO, CA 94577**
0.115 mi.
608 ft. **Site 7 of 8 in cluster E**

Relative: **Higher**

Actual: **38 ft.**

RCRA Listings:

Date Form Received by Agency:	20200122
Handler Name:	Rodgers Trucking Co.
Handler Address:	2972 -H Alvarado Street
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAC003052263
Contact Name:	ALAN OSOFSKY
Contact Address:	2972 -H ALVARADO STREET
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-483-7000
Contact Fax:	Not reported
Contact Email:	JPARWIZ@ALLCLEANHAZ.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:	P.O. BOX 923
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Rodgers Trucking
Owner Type:	Other
Operator Name:	Alan Osofsky
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

RODGERS TRUCKING CO. (Continued) **1026045817**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	Owner
Owner/Operator Name: RODGERS TRUCKING	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2972 -H ALVARADO STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-483-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: ALAN OSOFSKY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2972 -H ALVARADO STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-483-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200122
Handler Name: RODGERS TRUCKING CO.	
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

RODGERS TRUCKING CO. (Continued) **1026045817**

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

E MANIFEST:

Manifest Tracking Number:	021107238JJK
Last Updated Date:	20200223
Shipped Date:	20200205
Received Date:	20200213
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003052263
Generator Name:	Rodgers Trucking Co.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2972 -H ALVARADO STREET
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	P.O. BOX 923
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	021107238JJK
Waste Line Number:	1

RODGERS TRUCKING CO. (Continued) **1026045817**

State Waste Code Owner: CA
State Waste Code: 135
State Waste: Unspecified aqueous solution

Transporter:
Manifest Tracking Number: 021107238JJK
Transporter Line Number: 1
Transporter EPA ID: CAD982492399
Transporter Name: All Clean Hazardous Waste Removal Inc

Waste Line:
Manifest Tracking Number: 021107238JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: DAREX
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 400
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.2
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.2
Waste Quantity, in Kilograms: 181.406
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 181.406
Management Method Code: H039
Management Method Description: OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

E55 **EARTHSOL LLC** **RCRA NonGen / NLR** **1026161486**
North **2964 ALVARADO ST** **E MANIFEST** **CAC003061467**
< 1/8 **SAN LEANDRO, CA 94577**
0.118 mi.
624 ft. **Site 8 of 8 in cluster E**

Relative: **Higher**
Actual: **38 ft.**

RCRA Listings:
Date Form Received by Agency: 20200326
Handler Name: Earthsol Llc
Handler Address: 2964 Alvarado St
Handler City,State,Zip: SAN LEANDRO, CA 94577

EARTHSOL LLC (Continued) **1026161486**

EPA ID:	CAC003061467
Contact Name:	LUPITA CORTES-VERA
Contact Address:	PO BOX 475
Contact City,State,Zip:	FRIANT, CA 93626
Contact Telephone:	559-803-5177
Contact Fax:	Not reported
Contact Email:	LUPITA@EARTHSOL.AG
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:	PO BOX 475
Mailing City,State,Zip:	FRIANT, CA 93626
Owner Name:	Earthsol Llc
Owner Type:	Other
Operator Name:	Lupita Cortes-Vera
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20200408
Recognized Trader-Importer:	No

EARTHSOL LLC (Continued) **1026161486**

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: LUPITA CORTES-VERA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 475
Owner/Operator City,State,Zip:	FRIANT, CA 93626
Owner/Operator Telephone:	559-803-5177
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: EARTHSOL LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 475
Owner/Operator City,State,Zip:	FRIANT, CA 93626
Owner/Operator Telephone:	559-803-5177
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200326
Handler Name: EARTHSOL LLC	
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:	541310
NAICS Description:	ARCHITECTURAL SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

EARTHSOL LLC (Continued) **1026161486**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	006457414GBF
Last Updated Date:	20200427
Shipped Date:	20200326
Received Date:	20200407
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003061467
Generator Name:	Earthsol Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2964 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2964 ALVARADO ST
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	EARTHSOL LLC
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Clean Harbors San Jose LLC
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	006457414GBF
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	181
State Waste:	Other inorganic solid waste

Manifest Tracking Number:	006457414GBF
Waste Line Number:	2
State Waste Code Owner:	CA
State Waste Code:	135

EARTHSOL LLC (Continued) **1026161486**

State Waste: Unspecified aqueous solution

Transporter:
Manifest Tracking Number: 006457414GBF
Transporter Line Number: 1
Transporter EPA ID: CAR000030114
Transporter Name: Nrc Environmental

Manifest Tracking Number: 006457414GBF
Transporter Line Number: 2
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Manifest Tracking Number: 006457414GBF
Transporter Line Number: 3
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Waste Line:
Manifest Tracking Number: 006457414GBF
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NONE, NON-RCRA HAZARDOUS WASTE, SOLID, N/A, NONE
Number of Containers: 1
Container Type Code: CW
Container Type Description: Wooden boxes, cartons, cases
Waste Quantity: 300
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.15
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.15
Waste Quantity, in Kilograms: 136.0545
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 136.0545
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 006457414GBF
Waste Line Number: 2

EARTHSOL LLC (Continued) **1026161486**

U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONE, NON-RCRA HAZARDOUS WASTE, LIQUIDS, N/A, NONE
Number of Containers:	1
Container Type Code:	TP
Container Type Description:	Portable tanks
Waste Quantity:	250
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	1.0425354
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.0425354
Waste Quantity, in Kilograms:	945.61096
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	945.61096
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

F56 **BATES, SAM** **RCRA NonGen / NLR** **1027524803**
SSW **1220 OTTAWA AVENUE** **E MANIFEST** **CAC003217342**
< 1/8 **SAN LEANDRO, CA 94579**
0.119 mi.
629 ft. **Site 2 of 2 in cluster F**

Relative: RCRA Listings:
Lower

Date Form Received by Agency:	20230210
Handler Name:	Bates, Sam
Handler Address:	1220 Ottawa Avenue
Handler City,State,Zip:	SAN LEANDRO, CA 94579
EPA ID:	CAC003217342
Contact Name:	BATES, SAM
Contact Address:	1220 OTTAWA AVENUE
Contact City,State,Zip:	SAN LEANDRO, CA 94579
Contact Telephone:	402-210-4711
Contact Fax:	Not reported
Contact Email:	SAMBATES89@GMAIL.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

Actual:
25 ft.

BATES, SAM (Continued) **1027524803**

Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1220 OTTAWA AVENUE
Mailing City,State,Zip:	SAN LEANDRO, CA 94579
Owner Name:	Bates, Sam
Owner Type:	Other
Operator Name:	Bates, Sam
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20230214
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: BATES, SAM	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

BATES, SAM (Continued) **1027524803**

Owner/Operator Address: 1220 OTTAWA AVENUE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94579
Owner/Operator Telephone: 402-210-4711
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BATES, SAM
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1220 OTTAWA AVENUE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94579
Owner/Operator Telephone: 402-210-4711
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20230210
Handler Name: BATES, SAM
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: 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

E MANIFEST:
Manifest Tracking Number: 024822395JJK
Last Updated Date: 20230228
Shipped Date: 20230213
Received Date: 20230222
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAC003217342
Generator Name: Bates, Sam
Generator Location Street Number: Not reported

BATES, SAM (Continued) **1027524803**

Generator Location Street 1:	1220 OTTAWA AVENUE
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94579
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	1220 OTTAWA AVENUE
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94579
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAL000190080
Designated Facility Name:	Forward Landfill Inc Disposal
Designated Facility Mail Street Number:	9999
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	SOUTH AUSTIN ROAD
Designated Facility Mail City:	MANTECA
Designated Facility Mail Zip:	95336
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	9999
Designated Facility Location Street 1:	SOUTH AUSTIN ROAD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	MANTECA
Designated Facility Location Zip:	95366
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	024822395JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	024822395JJK
Transporter Line Number:	1
Transporter EPA ID:	CAL000160111
Transporter Name:	Alliance Evironmental Group

Manifest Tracking Number:	024822395JJK
Transporter Line Number:	2
Transporter EPA ID:	CAR000049064
Transporter Name:	E C T I

Waste Line:

Manifest Tracking Number:	024822395JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	NA2212
U.S. DOT Description:	Rq Na2212, Asbestos, 9, Pgiii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	9

BATES, SAM (Continued) **1027524803**

Container Type Code:	BA
Container Type Description:	Burlap, cloth, paper, or plastic bags
Waste Quantity:	1
Quantity Unit of Measure Code:	Y
Quantity Unit of Measure Description:	Cubic Yards
Waste Quantity, in Tons:	0.84
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.84
Waste Quantity, in Kilograms:	761.9052
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	761.9052
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

57
East
< 1/8
0.122 mi.
645 ft.

SAMUEL BINGHAM COMPANY **PFAS ECHO** **1027415646**
N/A

SAN LEANDRO, CA

Relative:
Higher

Actual:
33 ft.

PFAS ECHO:

Name:	Samuel Bingham Company
Address:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Latitude:	37.70401
Longitude:	-122.14891
Count:	1
County:	ALAMEDA
Status:	Unknown
Region:	09
Industry:	Textiles and Leather

ECHO Facility Report:

Facility Percent Minority:	75.423
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6817.78
EPA Programs:	-
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805

SAMUEL BINGHAM COMPANY (Continued) **1027415646**

Facility Derived CD113:	13
Facility Derived CB2010:	060014332004022
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	-
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	94577SMLBN835FR
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y

EJSCREEN Report:

G58 **SANCHEZ, BEATRICE 45-011911** **RCRA NonGen / NLR** **1026044149**
West **ASBURY COURT** **E MANIFEST** **CAC003050432**
< 1/8 **SAN LEANDRO, CA 94579**
0.123 mi.
650 ft. **Site 2 of 2 in cluster G**

Relative: **Lower**

Actual: **25 ft.**

RCRA Listings:

Date Form Received by Agency:	20200110
Handler Name:	Beatrice Sanchez
Handler Address:	1221 Asbury Court
Handler City,State,Zip:	SAN LEANDRO, CA 94579
EPA ID:	CAC003050432
Contact Name:	BEATRICE SANCHEZ
Contact Address:	1221 ASBURY COURT
Contact City,State,Zip:	SAN LEANDRO, CA 94579
Contact Telephone:	510-351-4226
Contact Fax:	Not reported
Contact Email:	MARIAE@PWSEI.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:	1221 ASBURY COURT
Mailing City,State,Zip:	SAN LEANDRO, CA 94579
Owner Name:	Beatrice Sanchez
Owner Type:	Other
Operator Name:	Beatrice Sanchez
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

SANCHEZ, BEATRICE 45-011911 (Continued) **1026044149**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	Owner
Owner/Operator Name: BEATRICE SANCHEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1221 ASBURY COURT
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94579
Owner/Operator Telephone:	510-351-4226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BEATRICE SANCHEZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1221 ASBURY COURT
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94579
Owner/Operator Telephone:	510-351-4226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200110
Handler Name: BEATRICE SANCHEZ	
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

SANCHEZ, BEATRICE 45-011911 (Continued) **1026044149**

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

E MANIFEST:

Manifest Tracking Number:	018619910JJK
Last Updated Date:	20200131
Shipped Date:	20200114
Received Date:	20200115
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAC003050432
Generator Name:	Sanchez, Beatrice 45-011911
Generator Location Street Number:	1221
Generator Location Street 1:	ASBURY COURT
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94579
Generator Mail Street Number:	1221
Generator Mail Street 1:	ASBURY COURT
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94579
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD982042475
Designated Facility Name:	Recology Hay Road
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	235 N FIRST ST
Designated Facility Mail City:	DIXON
Designated Facility Mail Zip:	95620
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6426 HAY RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VACAVILLE
Designated Facility Location Zip:	95687-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	018619910JJK
Waste Line Number:	1

SANCHEZ, BEATRICE 45-011911 (Continued) **1026044149**

State Waste Code Owner: CA
State Waste Code: 151
State Waste: Asbestos-containing waste

Transporter:
Manifest Tracking Number: 018619910JJK
Transporter Line Number: 1
Transporter EPA ID: CAR000049064
Transporter Name: E C T I

Waste Line:
Manifest Tracking Number: 018619910JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: Rq Na2212, Asbestos, 9, Pg Iii
Non-Hazardous Waste Description: Not reported
Number of Containers: 5
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 0.84
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.84
Waste Quantity, in Kilograms: 761.9052
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 761.9052
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

H59 **PETERSON POWER SYSTEMS INC** **RCRA-LQG** **1007199498**
WNW **2828 TEAGARDEN STREET** **E MANIFEST** **CAD981583172**
1/8-1/4 **SAN LEANDRA, CA 94577**
0.183 mi.
968 ft. **Site 1 of 13 in cluster H**

Relative: RCRA Listings:
Lower
Date Form Received by Agency: 20200228
Actual: Handler Name: Peterson Power Systems, Inc.
30 ft. Handler Address: 2828 Teagarden
Handler City,State,Zip: SAN LEANDRO, CA 94577

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

EPA ID:	CAD981583172
Contact Name:	KEVIN SCHLEH
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	503-488-1204
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2828 TEAGARDEN
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Peterson Holding Company
Owner Type:	Private
Operator Name:	Peterson Power Systems, 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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20201020
Recognized Trader-Importer:	No

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

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: 2019

Click Here for Biennial Reporting System Data:

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:	PETERSON HOLDING COMPANY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	955 MARINA BOULEVARD
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
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:	PETERSON POWER SYSTEMS, INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2828 TEAGARDEN STREET
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
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:	20200228
Handler Name:	PETERSON POWER SYSTEMS, 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

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19920330
Handler Name: PETERSON POWER SYSTEMS, 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

List of NAICS Codes and Descriptions:
NAICS Code: 42183
NAICS Description: INDUSTRIAL MACHINERY AND EQUIPMENT WHOLESALERS

NAICS Code: 423810
NAICS Description: CONSTRUCTION AND MINING (EXCEPT OIL WELL) MACHINERY AND EQUIPMENT MERCHANT WHOLESALERS

NAICS Code: 532412
NAICS Description: CONSTRUCTION, MINING, AND FORESTRY MACHINERY AND EQUIPMENT RENTAL AND LEASING

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 020376598JJK
Last Updated Date: 20190529
Shipped Date: 20190501
Received Date: 20190515
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAD981583172
Generator Name: Peterson Power Systems, Inc.
Generator Location Street Number: Not reported
Generator Location Street 1: 2828 TEAGARDEN
Generator Location Street 2: Not reported
Generator Location City: SAN LEANDRO
Generator Location State: CA
Generator Location Zip: 94577
Generator Mail Street Number: Not reported

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Generator Mail Street 1:	5540 NE FIVE OAKS DR
Generator Mail Street 2:	Not reported
Generator Mail City:	HILLSBORO
Generator Mail Zip:	97214
Generator Mail State:	OR
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020376048JJK
Last Updated Date:	20190809
Shipped Date:	20190703
Received Date:	20190720
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2828 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5717
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019244196JJK
Last Updated Date:	20190927
Shipped Date:	20181106
Received Date:	20181119
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2828 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-5717
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019244197JJK
Last Updated Date:	20181211
Shipped Date:	20181106
Received Date:	20181114
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems - 225935
Generator Location Street Number:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Generator Location Street 1:	2828 TEA GARDEN STREET
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5540 NE FIVE OAKS DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	HILLSBORO
Generator Mail Zip:	97214
Generator Mail State:	OR
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024419247JJK
Last Updated Date:	20220718
Shipped Date:	20220613
Received Date:	20220624
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5450 NE Five Oaks Drive
Generator Mail Street 2:	Not reported
Generator Mail City:	Hillsboro
Generator Mail Zip:	97124
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024419248JJK
Last Updated Date:	20220720
Shipped Date:	20220613
Received Date:	20220622
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEA GARDEN ST.
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94587
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5450 NE Five Oaks Dr.
Generator Mail Street 2:	Not reported
Generator Mail City:	Hillsboro
Generator Mail Zip:	97124
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024419249JJK
Last Updated Date:	20220701
Shipped Date:	20220613
Received Date:	20220621

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN STREET
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRA
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2828 TEAGARDEN STREET
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRA
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 S BOYLE AVE
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 S BOYLE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	022723473JJK
Last Updated Date:	20210607
Shipped Date:	20210429
Received Date:	20210514
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems - San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEA GARDEN STREET
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5450 NE FIVE OAKS DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	HILLSBORO
Generator Mail Zip:	97124
Generator Mail State:	CA

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	022723474JJK
Last Updated Date:	20210603
Shipped Date:	20210429
Received Date:	20210510
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems-San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN STREET
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5450 NE FIVE OAKS DRIVE
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	97124
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Rejection Indicator:	N
Manifest Tracking Number:	021243937JJK
Last Updated Date:	20200508
Shipped Date:	20200407
Received Date:	20200417
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2828 TEAGARDEN
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	STE 105
Designated Facility Mail Street 2:	2621 GREEN RIVER RD
Designated Facility Mail City:	CORONA
Designated Facility Mail Zip:	92882
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021244534JJK
Last Updated Date:	20220112
Shipped Date:	20211208
Received Date:	20211220
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAD981583172
Generator Name:	Peterson Power Systems, Inc.
Generator Location Street Number:	Not reported
Generator Location Street 1:	2828 TEAGARDEN
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94587

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Generator Mail Street Number:	Not reported
Generator Mail Street 1:	5450 NE Five Oaks Drive
Generator Mail Street 2:	Not reported
Generator Mail City:	Hillsboro
Generator Mail Zip:	97124
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000521146
Designated Facility Name:	Yuma Yes 2 Waste Transfer Station
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6500 S US HIGHWAY 95
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	021245324JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Manifest Tracking Number:	021245324JJK
Waste Line Number:	2
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Transporter:

Manifest Tracking Number:	021245324JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD028277036
Transporter Name:	Asbury Environmental Services Dba World Oil Enviromental Services

Manifest Tracking Number:	021245324JJK
Transporter Line Number:	2
Transporter EPA ID:	CAR000175422
Transporter Name:	Worldwide Recovery System Inc

Waste Line:

Manifest Tracking Number:	021245324JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON-RCRA HAZARDOUS WASTE, SOLID (OILY SOLIDS)

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Number of Containers:	3
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	600
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.3
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.3
Waste Quantity, in Kilograms:	272.109
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	272.109
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Manifest Tracking Number:	021245324JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON-RCRA HAZARDOUS WASTE, SOLID (PAPER FILTERS)
Number of Containers:	5
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	700
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.35
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.35
Waste Quantity, in Kilograms:	317.4605
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	317.4605
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **1007199498**

Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
77 additional US EManifest: record(s) in the EDR Site Report.

H60 **PETERSON POWER SYSTEMS, INC.** **AST** **A100109502**
WNW **2828 TEAGARDEN ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.183 mi.
968 ft. **Site 2 of 13 in cluster H**

Relative:
Lower

Actual:
30 ft.

AST:

Name:	PETERSON POWER SYSTEMS INC.
Address:	2828 TEAGARDEN ST
City/Zip:	SAN LEANDRO,
Certified Unified Program Agencies:	San Leandro
Owner:	PETERSON TRACTOR CO.
Total Gallons:	3,000
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

Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN ST
City/Zip:	SAN LEANDRO,94577
Certified Unified Program Agencies:	Not reported
Owner:	Peterson Holding Co.
Total Gallons:	Not reported
CERSID:	10135273
Facility ID:	01-007-100361
Business Name:	Peterson Power Systems, Inc.
Phone:	510-895-8400

PETERSON POWER SYSTEMS, INC. (Continued) **A100109502**

Fax:	510-352-2064
Mailing Address:	P.O. Box 5258
Mailing Address City:	San Leandro
Mailing Address State:	CA
Mailing Address Zip Code:	94577
Operator Name:	Peterson Power Systems, Inc.
Operator Phone:	510-895-8400
Owner Phone:	510-357-6200
Owner Mail Address:	P.O. Box 5258
Owner State:	CA
Owner Zip Code:	94577
Owner Country:	United States
Property Owner Name:	Peterson Holding Co.
Property Owner Phone:	510-357-6200
Property Owner Mailing Address:	P.O. Box 5258
Property Owner City:	San Leandro
Property Owner Stat :	CA
Property Owner Zip Code:	94577
Property Owner Country:	United States
EPAID:	CAD981583172

H61 **PETERSON POWER SYSTEMS INC** **HIST UST** **S113007794**
WNW **2828 TEAGARDEN STREET** **HAZNET** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **CERS**
0.183 mi.
968 ft. **Site 3 of 13 in cluster H**

Relative:
Lower

Actual:
30 ft.

HIST UST:

Name:	PETERSON POWER SYSTEMS INC
Address:	2828 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	0003623d

URL:

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:

HAZNET:

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Name:	PETERSON POWER SYSTEMS
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945770000
Contact:	NEIL SAYRE
Telephone:	5106182538
Mailing Name:	Not reported
Mailing Address:	2828 TEAGARDEN ST
Year:	2014
Gepaid:	CAD981583172
TSD EPA ID:	CAD028409019
CA Waste Code:	133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.68805
Year:	2014
Gepaid:	CAD981583172
TSD EPA ID:	CAD028409019
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:	3.3
Year:	2013
Gepaid:	CAD981583172
TSD EPA ID:	CAD980887418
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	11.27985
Year:	2013
Gepaid:	CAD981583172
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:	0.693
Year:	2013
Gepaid:	CAD981583172
TSD EPA ID:	CAD982444481
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:	0.187
Year:	2013
Gepaid:	CAD981583172
TSD EPA ID:	CAD028409019
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:	2.6125

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Year: 2013
Gepaid: CAD981583172
TSD EPA ID: CAD980887418
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: 8.4

Year: 2013
Gepaid: CAD981583172
TSD EPA ID: CAD028409019
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: 0.9075

Year: 2013
Gepaid: CAD981583172
TSD EPA ID: CAT080013352
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: 19.257

Year: 2012
Gepaid: CAD981583172
TSD EPA ID: NVR000001925
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: 1.2348

Click this hyperlink while viewing on your computer to access
137 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:
Year: 2014
Gen EPA ID: CAD981583172

Shipment Date: 20141218
Creation Date: 3/5/2015 22:15:08
Receipt Date: 20141229
Manifest ID: 014179680JJK
Trans EPA ID: CAL000381082
Trans Name: THERMO FLUIDS INC
Trans 2 EPA ID: CAR000217513
Trans 2 Name: ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID: CAD028409019
Trans Name: CROSBY & OVERTON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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
Shipment Date:	20141218
Creation Date:	3/5/2015 22:15:08
Receipt Date:	20141229
Manifest ID:	014179680JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.22935
Waste Quantity:	55
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:	20141107
Creation Date:	2/6/2015 22:15:22
Receipt Date:	20141121
Manifest ID:	012263122JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141008
Creation Date:	12/26/2014 22:14:59
Receipt Date:	20141016
Manifest ID:	013386085JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.25
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:	20140912
Creation Date:	12/3/2014 22:15:08
Receipt Date:	20141002
Manifest ID:	012263115JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.4587
Waste Quantity:	110
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:	20140912
Creation Date:	12/3/2014 22:15:08
Receipt Date:	20141002

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Manifest ID:	012263115JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	20140821
Creation Date:	3/17/2015 13:06:20
Receipt Date:	20140902
Manifest ID:	012989673JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
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:	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:	0.2
Waste Quantity:	400
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:	20140806
Creation Date:	11/2/2014 22:15:11
Receipt Date:	20140815
Manifest ID:	012989393JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	0.2
Waste Quantity:	400
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:	20140626
Creation Date:	9/8/2014 22:15:16
Receipt Date:	20140703
Manifest ID:	012989245JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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
Shipment Date:	20140507
Creation Date:	7/12/2014 22:15:17
Receipt Date:	20140514
Manifest ID:	012987156JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	1.125

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Waste Quantity:	2250
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 Information:

Year:	2013
Gen EPA ID:	CAD981583172
Shipment Date:	20131120
Creation Date:	1/28/2014 22:15:19
Receipt Date:	20131204
Manifest ID:	011682750JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000075622
Trans 2 Name:	KM INDUSTRIAL INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.15
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:	20131018
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131025
Manifest ID:	011682769JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000075622
Trans 2 Name:	KM INDUSTRIAL INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131008
Creation Date:	11/21/2013 22:15:08
Receipt Date:	20131008
Manifest ID:	010835083JJK
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL 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:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	11.27985
Waste Quantity:	2705
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:	20130905
Creation Date:	10/26/2013 22:15:06
Receipt Date:	20130912
Manifest ID:	011134537JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL 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:	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
Shipment Date:	20130809
Creation Date:	10/17/2013 22:15:26

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Receipt Date:	20130814
Manifest ID:	011682156JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
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:	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:	0.25
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:	20130716
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130718
Manifest ID:	009812524JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL 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:	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:	0.9075
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:	20130716
Creation Date:	9/15/2013 22:15:09
Receipt Date:	20130718
Manifest ID:	009812524JJK
Trans EPA ID:	CAR000030114
Trans Name:	NRC ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans Name:	CROSBY & OVERTON 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:	0.1625
Waste Quantity:	325
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:	20130620
Creation Date:	8/29/2013 22:15:18
Receipt Date:	20130628
Manifest ID:	011275965JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
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:	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:	0.1
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:	20130521
Creation Date:	8/10/2013 22:15:09
Receipt Date:	20130531
Manifest ID:	011275853JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS 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:	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)

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	20130502
Creation Date:	7/16/2013 22:15:16
Receipt Date:	20130506
Manifest ID:	010783895JJK
Trans EPA ID:	CAL000382082
Trans Name:	THERMO FLUIDS 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:	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:	0.8
Waste Quantity:	1600
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 Information:

Year:	2012
Gen EPA ID:	CAD981583172
Shipment Date:	20121221
Creation Date:	3/7/2013 22:15:18
Receipt Date:	20121231
Manifest ID:	010781845JJK
Trans EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS 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:	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:	0.3
Waste Quantity:	600
Quantity Unit:	P

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121216
Creation Date:	2/15/2013 22:15:22
Receipt Date:	20121218
Manifest ID:	010781537JJK
Trans EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS 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:	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:	0.3125
Waste Quantity:	625
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:	20121207
Creation Date:	1/13/2013 22:15:14
Receipt Date:	20121210
Manifest ID:	010781408JJK
Trans EPA ID:	AZR000003681
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVR000001925
Trans Name:	THERMO FLUIDS 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:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.2348
Waste Quantity:	294
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:	20121116

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Creation Date:	4/17/2013 22:15:43
Receipt Date:	20121127
Manifest ID:	003531926FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
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:	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:	0.4587
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:	20121116
Creation Date:	4/17/2013 22:15:43
Receipt Date:	20121127
Manifest ID:	003531926FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
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:	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:	0.5
Waste Quantity:	1000
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:	20120726
Creation Date:	12/29/2012 22:15:14
Receipt Date:	20120802
Manifest ID:	003531803FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	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:	0.95
Waste Quantity:	1900
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:	20120726
Creation Date:	12/29/2012 22:15:14
Receipt Date:	20120802
Manifest ID:	003531803FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
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:	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:	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:	20120726
Creation Date:	12/29/2012 22:15:14
Receipt Date:	20120802
Manifest ID:	003531803FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
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:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
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:	20120711
Creation Date:	9/26/2012 22:15:16
Receipt Date:	20120718
Manifest ID:	009893914JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	9.174
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:	20120426
Creation Date:	10/19/2012 22:15:28
Receipt Date:	20120503
Manifest ID:	003531732FLE
Trans EPA ID:	CAR000179382
Trans Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
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:	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:	0.55
Waste Quantity:	1100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2011
Gen EPA ID:	CAD981583172
Shipment Date:	20111209
Creation Date:	3/13/2012 20:30:22
Receipt Date:	20111219
Manifest ID:	008883391JJK
Trans EPA ID:	CAR000217513
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:	0.05
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:	20111202
Creation Date:	2/16/2012 20:30:13
Receipt Date:	20111212
Manifest ID:	008883354JJK
Trans EPA ID:	CAR000217513
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:	0.1
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20111202
Creation Date:	2/16/2012 20:30:13
Receipt Date:	20111212
Manifest ID:	008883354JJK
Trans EPA ID:	CAR000217513
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:	0.5
Waste Quantity:	1000
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:	20111202
Creation Date:	2/16/2012 20:30:13
Receipt Date:	20111212
Manifest ID:	008883354JJK
Trans EPA ID:	CAR000217513
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:	0.417
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:	20111202
Creation Date:	2/16/2012 20:30:13
Receipt Date:	20111212
Manifest ID:	008883354JJK
Trans EPA ID:	CAR000217513
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	0.0504
Waste Quantity:	12
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:	20111013
Creation Date:	1/12/2012 18:30:42
Receipt Date:	20111019
Manifest ID:	008138084JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	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:	20110930
Creation Date:	12/27/2011 18:30:48
Receipt Date:	20111011
Manifest ID:	008418477JJK
Trans EPA ID:	CAR000217513
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20110729
Creation Date:	10/19/2011 18:30:11
Receipt Date:	20110808
Manifest ID:	005385786JJK
Trans EPA ID:	CAR000217513
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:	0.6
Waste Quantity:	1200
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:	20110729
Creation Date:	10/19/2011 18:30:11
Receipt Date:	20110808
Manifest ID:	005385786JJK
Trans EPA ID:	CAR000217513
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110617
Creation Date:	7/27/2011 18:30:24
Receipt Date:	20110621
Manifest ID:	007251849JJK
Trans EPA ID:	CAR000217513
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
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:	0.5
Waste Quantity:	1000
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 Information:

Year:	2010
Gen EPA ID:	CAD981583172
Shipment Date:	20101216
Creation Date:	2/10/2011 18:30:18
Receipt Date:	20101220
Manifest ID:	007920788JJK
Trans EPA ID:	CAR000172478
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:	0.8
Waste Quantity:	1600
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20101216
Creation Date:	2/10/2011 18:30:18
Receipt Date:	20101220
Manifest ID:	007920788JJK
Trans EPA ID:	CAR000172478
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:	20100929
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20101004
Manifest ID:	007627140JJK
Trans EPA ID:	CAR000172478
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:	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:	20100929
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20101004
Manifest ID:	007627140JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	1.625
Waste Quantity:	3250
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:	20100312
Creation Date:	6/29/2010 18:30:08
Receipt Date:	20100317
Manifest ID:	006656409JJK
Trans EPA ID:	CAR000172478
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:	6.672
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:	20100312
Creation Date:	6/29/2010 18:30:08
Receipt Date:	20100317
Manifest ID:	006656409JJK
Trans EPA ID:	CAR000172478
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.1
Waste Quantity:	2200
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:	20100226
Creation Date:	5/27/2010 18:30:53
Receipt Date:	20100303
Manifest ID:	007119706JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	13.761
Waste Quantity:	3300
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 Information:

Year:	2009
Gen EPA ID:	CAD981583172
Shipment Date:	20091006
Creation Date:	11/25/2009 18:30:17
Receipt Date:	20091008
Manifest ID:	005921320JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
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:	1.251

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	20091002
Creation Date:	12/8/2009 18:30:31
Receipt Date:	20091002
Manifest ID:	005549443JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080012602
Trans Name:	DK DIXON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	8.1315
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:	20091002
Creation Date:	11/25/2009 18:30:51
Receipt Date:	20091007
Manifest ID:	005358499JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS - N
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20091002
Creation Date:	11/25/2009 18:30:51
Receipt Date:	20091007
Manifest ID:	005358499JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS - N
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.6
Waste Quantity:	1200
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:	20090729
Creation Date:	9/25/2009 18:30:28
Receipt Date:	20090731
Manifest ID:	005358401JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS - N
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.417
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:	20090729
Creation Date:	9/25/2009 18:30:28
Receipt Date:	20090731
Manifest ID:	005358401JJK
Trans EPA ID:	CAR000172478
Trans Name:	ENVIRONMENTAL LOGISTICS - N
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	2.55
Waste Quantity:	5100
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:	20090325
Creation Date:	4/28/2009 18:30:19
Receipt Date:	20090326
Manifest ID:	005553971JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
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:	2.23095
Waste Quantity:	535
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:	20090204
Creation Date:	3/31/2009 18:30:30
Receipt Date:	20090205
Manifest ID:	005546525JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	20090129
Creation Date:	3/31/2009 18:30:30
Receipt Date:	20090202
Manifest ID:	005546527JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	1.251
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:	20090122
Creation Date:	3/31/2009 18:30:22
Receipt Date:	20090126
Manifest ID:	005107653JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	3.336
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2008
Gen EPA ID:	CAD981583172
Shipment Date:	20081229
Creation Date:	2/17/2009 18:30:19
Receipt Date:	20081230
Manifest ID:	005107868JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	2.39775
Waste Quantity:	575
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:	20081218
Creation Date:	2/4/2009 18:30:27
Receipt Date:	20081222
Manifest ID:	005101702JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS 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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20081216
Creation Date:	2/4/2009 18:30:20
Receipt Date:	20081218
Manifest ID:	005107871JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.1668
Waste Quantity:	40
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:	20081210
Creation Date:	2/4/2009 18:30:20
Receipt Date:	20081215
Manifest ID:	005107872JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.834
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:	20081202
Creation Date:	1/15/2009 18:30:19
Receipt Date:	20081204
Manifest ID:	005107652JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	2.085
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:	20081121
Creation Date:	1/15/2009 18:30:19
Receipt Date:	20081126
Manifest ID:	005107650JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	2.7522
Waste Quantity:	660
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:	20081117
Creation Date:	1/9/2009 18:30:34
Receipt Date:	20081118
Manifest ID:	005107649JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.52125
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:	20081110
Creation Date:	12/22/2008 18:30:21
Receipt Date:	20081111
Manifest ID:	005107648JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	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:	20081031
Creation Date:	12/22/2008 18:30:21
Receipt Date:	20081103
Manifest ID:	005104914JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	1.89735
Waste Quantity:	455
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081024
Creation Date:	12/10/2008 18:30:08
Receipt Date:	20081027
Manifest ID:	005104912JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.2085
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

Additional Information:

Year:	2007
Gen EPA ID:	CAD981583172
Shipment Date:	20071207
Creation Date:	3/8/2008 18:30:06
Receipt Date:	20071224
Manifest ID:	003477490JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.02
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20071005
Creation Date:	1/25/2008 18:30:07
Receipt Date:	20071011
Manifest ID:	003478268JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS 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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20071004
Creation Date:	1/8/2008 18:30:43
Receipt Date:	20071011
Manifest ID:	001977175JJK
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35
Waste Quantity:	700
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:	20071004
Creation Date:	1/8/2008 18:30:43
Receipt Date:	20071011
Manifest ID:	001977175JJK
Trans EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	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:	20071004
Creation Date:	1/8/2008 18:30:43
Receipt Date:	20071011
Manifest ID:	001977175JJK
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:	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:	0.0375
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:	20070904
Creation Date:	12/28/2007 18:30:32
Receipt Date:	20070913
Manifest ID:	003139236JJK
Trans EPA ID:	CAD982444441
Trans Name:	FILTER RECYCLING SVS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.1
Waste Quantity:	2200
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:	20070904
Creation Date:	12/28/2007 18:30:32
Receipt Date:	20070913
Manifest ID:	003139236JJK
Trans EPA ID:	CAD982444441
Trans Name:	FILTER RECYCLING SVS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	20070904
Creation Date:	12/28/2007 18:30:32
Receipt Date:	20070913
Manifest ID:	003139236JJK
Trans EPA ID:	CAD982444441
Trans Name:	FILTER RECYCLING SVS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070606
Creation Date:	10/22/2007 18:30:08
Receipt Date:	20070615
Manifest ID:	001869724JJK
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:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20070606
Creation Date:	10/22/2007 18:30:08
Receipt Date:	20070615
Manifest ID:	001869724JJK
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:	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:	0.834
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

Additional Information:

Year:	2006
Gen EPA ID:	CAD981583172

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20061208
Creation Date:	6/3/2008 13:35:43
Receipt Date:	20061218
Manifest ID:	000444821JJK
Trans EPA ID:	CAR000172478
Trans Name:	FILTER RECYCLING SERVICES INC-NORTH
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:	1.35
Waste Quantity:	2700
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:	20061013
Creation Date:	6/2/2008 14:21:43
Receipt Date:	20061021
Manifest ID:	000444616JJK
Trans EPA ID:	CAR000172478
Trans Name:	FILTER RECYCLING SERVICES INC -NORTH
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS
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:	20061013
Creation Date:	6/2/2008 14:21:43
Receipt Date:	20061021
Manifest ID:	000444616JJK
Trans EPA ID:	CAR000172478
Trans Name:	FILTER RECYCLING SERVICES INC -NORTH
Trans 2 EPA ID:	CAD982444481

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans 2 Name:	FILTER RECYCLING SVS
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:	1.625
Waste Quantity:	3250
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:	20060707
Creation Date:	9/17/2006 18:33:10
Receipt Date:	20060718
Manifest ID:	25163422
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.225
Waste Quantity:	450
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:	20060707
Creation Date:	9/17/2006 18:33:10
Receipt Date:	20060718
Manifest ID:	25163422
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

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:	20060707
Creation Date:	9/28/2006 18:30:24
Receipt Date:	20060719
Manifest ID:	25146530
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SVS INC NO
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERVICES INC
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0825
Waste Quantity:	25
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:	20060512
Creation Date:	12/20/2006 18:30:52
Receipt Date:	20060518
Manifest ID:	25163250
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS INC
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20060505
Creation Date:	12/20/2006 18:30:52
Receipt Date:	20060516
Manifest ID:	25163205
Trans EPA ID:	CAR000129304
Trans Name:	FILTER RECYCLING SERVICES
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SVS
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.5
Waste Quantity:	1000
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:	20060330
Creation Date:	7/27/2006 18:35:54
Receipt Date:	20060331
Manifest ID:	23589850
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088838222
Trans Name:	BAYSIDE OIL II INC
TSDF Alt EPA ID:	CAD088838222
TSDF Alt Name:	Not reported
Waste Code Description:	136 - Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.502
Waste Quantity:	600
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:	20060223
Creation Date:	7/27/2006 18:31:16
Receipt Date:	20060306
Manifest ID:	24798116
Trans EPA ID:	CAR000159459
Trans Name:	NORTH STATE ENVIRONMENTAL
Trans 2 EPA ID:	CAD028277036
Trans 2 Name:	ASBURY ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080033681

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	2.7
Waste Quantity:	5400
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 Information:

Year:	2005
Gen EPA ID:	CAD981583172
Shipment Date:	20051223
Creation Date:	3/22/2006 18:32:18
Receipt Date:	20051227
Manifest ID:	24828419
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.838
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
Shipment Date:	20051209
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051212
Manifest ID:	24603208
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Meth Code:	H01 - Transfer Station
Quantity Tons:	4.17
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:	20051205
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051206
Manifest ID:	24603207
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20051118
Creation Date:	1/2/2007 18:30:32
Receipt Date:	20051121
Manifest ID:	24603204
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	1.8765
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

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Shipment Date:	20051102
Creation Date:	3/14/2007 18:30:14
Receipt Date:	20051103
Manifest ID:	24603202
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20051024
Creation Date:	3/15/2006 11:53:18
Receipt Date:	Not reported
Manifest ID:	24600924
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
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:	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:	20051024
Creation Date:	1/2/2007 18:30:20
Receipt Date:	20051025
Manifest ID:	24600924
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
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:	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:	20051014
Creation Date:	3/14/2007 18:30:14
Receipt Date:	20051017
Manifest ID:	24600921
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044003556
Trans Name:	RAMOS ENVIRONMENTAL
TSDF Alt EPA ID:	CAD044003556
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:	3.04
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:	20050930
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051004
Manifest ID:	24008375
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.668
Waste Quantity:	400
Quantity Unit:	G

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050908
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050913
Manifest ID:	24595892
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	12.51
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

CERS:

Name:	PETERSON POWER SYSTEMS
Address:	2828 TEAGARDEN STREET
City,State,Zip:	SAN LEANDRO, CA 94577-5717
Site ID:	486841
CERS ID:	110038014092
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	PETERSON PWR SYS
Entity Title:	OPERATOR
Affiliation Address:	POBOX 5258
Affiliation City:	SANLEANDRO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	LARRY HART
Entity Title:	COMMERCIAL ENGINE SHOP FOREMAN
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

PETERSON POWER SYSTEMS INC (Continued) **S113007794**

Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: NEIL SAYRE
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: POBOX 5258
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: PETERSON HOLDING
Entity Title: OWNER
Affiliation Address: POBOX 5258
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: PETERSON HLDNG
Entity Title: Not reported
Affiliation Address: POBOX 5258
Affiliation City: SANLEANDRO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

H62 **PETERSON POWER SYSTEMS, INC.** **CERS HAZ WASTE** **1000218813**
WNW **2828 TEAGARDEN ST** **HIST UST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **CERS TANKS**
0.183 mi. **HWTS**
968 ft. **Site 4 of 13 in cluster H** **HAZNET**
CERS

Relative:
Lower

Actual:
30 ft.

CERS HAZ WASTE:
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 399317
CERS ID: 10135273
CERS Description: Hazardous Waste Generator

HIST UST:
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000008618
Facility Type: Other

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Other Type:	CATERPILLAR DEALER
Contact Name:	DWAINE BARNES, SERVICE MANAGER
Telephone:	4158958400
Owner Name:	PETERSON POWER SYSTEMS, INC.,
Owner Address:	2828 TEAGARDEN STREET
Owner City,St,Zip:	SAN LEANDRO, CA 94577
Total Tanks:	0012
Tank Num:	001
Container Num:	P-3
Year Installed:	1976
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	P-2
Year Installed:	1976
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	P-1
Year Installed:	1976
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	004
Container Num:	C-1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	005
Container Num:	TR-1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	006
Container Num:	TR-2
Year Installed:	Not reported
Tank Capacity:	00001000

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	007
Container Num:	TR-3
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	008
Container Num:	TR-5
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	009
Container Num:	TR-6
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	010
Container Num:	TR-7
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	011
Container Num:	TR-8
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	012
Container Num:	TR-10
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Leak Detection: None

CERS TANKS:
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 399317
CERS ID: 10135273
CERS Description: Aboveground Petroleum Storage

HWTS:
Name: PETERSON POWER SYSTEMS INC
Address: 2828 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAD981583172
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 5450 NE FIVE OAKS DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: HILLSBORO, OR 971240000
Owner Name: PETERSON HOLDING CO., INC.
Owner Address: 955 MARINA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945773440
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: KEVIN SCHLEH
Contact Address: 5450 NE FIVE OAKS DRIVE
Contact Address 2: Not reported
City,State,Zip: HILLSBORO, OR 97124
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.705465
Longitude: -122.157414

NAICS:
EPA ID: CAD981583172
Create Date: 2009-12-03 12:41:18.000
NAICS Code: 42183
NAICS Description: Industrial Machinery and Equipment Wholesalers
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: Not reported
Facility Name: PETERSON POWER SYSTEMS INC
Facility Address: 2828 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 945770000

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

HAZNET:

Name:	PETERSON POWER SYSTEMS INC
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945770000
Contact:	KEVIN SCHLEH
Telephone:	5034881204
Mailing Name:	Not reported
Mailing Address:	5450 NE FIVE OAKS DRIVE
Year:	2021
Gepaid:	CAD981583172
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	2.10592
Year:	2021
Gepaid:	CAD981583172
TSD EPA ID:	AZR000521146
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:	2.47
Year:	2021
Gepaid:	CAD981583172
TSD EPA ID:	CAD097030993
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:	0.15
Year:	2021
Gepaid:	CAD981583172
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.17
Year:	2020
Gepaid:	CAD981583172
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:	0.035
Year:	2020
Gepaid:	CAD981583172
TSD EPA ID:	CAL000282598
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:	4.58716

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Year:	2020
Gepaid:	CAD981583172
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.867

Year:	2020
Gepaid:	CAD981583172
TSD EPA ID:	CAD097030993
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:	0.0275

Year:	2020
Gepaid:	CAD981583172
TSD EPA ID:	AZR000521146
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:	2.53

Year:	2020
Gepaid:	CAD981583172
TSD EPA ID:	CAT080013352
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.43787

Click this hyperlink while viewing on your computer to access
25 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	9/15/2020
Shipment Date:	9/15/2020
Receipt Date:	9/28/2020
Manifest Number:	021247016JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COMPTON, CA 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	343 - Not reported
RCRA Code:	D001,D018
Meth Code:	H039 - Not reported
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	9/15/2020
Shipment Date:	9/15/2020
Receipt Date:	10/2/2020
Manifest Number:	021508767JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	2828 TEA GARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	7/9/2020
Shipment Date:	7/9/2020
Receipt Date:	7/17/2020
Manifest Number:	022050741JJK
Generator EPA ID:	CAD981583172

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	MICHAEL L GILLEN
Contact Telephone:	510-357-6200
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008252405
TSDF Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Address 1:	EAST PICO BLVD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	LOS ANGELES, CA 90023-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	7/9/2020
Shipment Date:	7/9/2020
Receipt Date:	7/28/2020
Manifest Number:	022050788JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	6/29/2020
Shipment Date:	6/29/2020
Receipt Date:	7/1/2020
Manifest Number:	017680174JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	MICHAEL L GILLEN
Contact Telephone:	510-357-6200
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAL000282598
TSDF Name:	BAKERSFIELD TRANSFER INC DBA COLES ENVIRONMENTAL
TSDF Address 1:	E. BRUNDAGE LN
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BAKERSFIELD, CA 93307
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	223 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	4.58716
Waste Quantity:	1100
Quantity Unit:	G
Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	6/18/2020
Shipment Date:	6/18/2020
Receipt Date:	7/1/2020
Manifest Number:	022050237JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEA GARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	5/6/2020
Shipment Date:	5/6/2020
Receipt Date:	5/14/2020
Manifest Number:	021513399JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	5/6/2020

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	5/6/2020
Receipt Date:	5/15/2020
Manifest Number:	021513400JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COMPTON, CA 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	343 - Not reported
RCRA Code:	D001,D018
Meth Code:	H039 - Not reported
Quantity Tons:	0.68
Waste Quantity:	200
Quantity Unit:	G

Year:	2021
EM Manifest ID:	Not reported
Shipment Date:	4/7/2020
Shipment Date:	4/7/2020
Receipt Date:	4/17/2020
Manifest Number:	021243937JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

TSDF City,State,Zip: YUMA, AZ 85365
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: 352 - Not reported
RCRA Code: Not reported
Meth Code: H141 - Not reported
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P

Year: 2021
EM Manifest ID: Not reported
Shipment Date: 2/28/2020
Shipment Date: 2/28/2020
Receipt Date: 3/5/2020
Manifest Number: 021510257JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Telephone: Not reported
Contact: MICHAEL L GILLEN
Contact Telephone: 510-895-8400
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter Name 2: WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000521146
TSDF Name: YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1: 6500 S US HIGHWAY 95
TSDF Address 2: Not reported
TSDF City,State,Zip: YUMA, AZ 85365
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: 352 - Not reported
RCRA Code: Not reported
Meth Code: H141 - Not reported
Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P

Additional Information:
Year: 2020
EM Manifest ID: Not reported
Shipment Date: 9/15/2020
Shipment Date: 9/15/2020
Receipt Date: 9/28/2020
Manifest Number: 021247016JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COMPTON, CA 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	343 - Not reported
RCRA Code:	D001,D018
Meth Code:	H039 - Not reported
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	9/15/2020
Shipment Date:	9/15/2020
Receipt Date:	10/2/2020
Manifest Number:	021508767JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	2828 TEA GARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.14
Waste Quantity:	280

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	7/9/2020
Shipment Date:	7/9/2020
Receipt Date:	7/17/2020
Manifest Number:	022050741JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	MICHAEL L GILLEN
Contact Telephone:	510-357-6200
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAD008252405
TSDF Name:	PACIFIC RESOURCE RECOVERY SERVICES INC
TSDF Address 1:	EAST PICO BLVD
TSDF Address 2:	Not reported
TSDF City,State,Zip:	LOS ANGELES, CA 90023-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	7/9/2020
Shipment Date:	7/9/2020
Receipt Date:	7/28/2020
Manifest Number:	022050788JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/29/2020
Shipment Date:	6/29/2020
Receipt Date:	7/1/2020
Manifest Number:	017680174JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	MICHAEL L GILLEN
Contact Telephone:	510-357-6200
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAL000282598
TSDF Name:	BAKERSFIELD TRANSFER INC DBA COLES ENVIRONMENTAL
TSDF Address 1:	E. BRUNDAGE LN
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BAKERSFIELD, CA 93307
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	223 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	4.58716
Waste Quantity:	1100
Quantity Unit:	G
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/18/2020
Shipment Date:	6/18/2020
Receipt Date:	7/1/2020
Manifest Number:	022050237JJK
Generator EPA ID:	CAD981583172

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEA GARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	5/6/2020
Shipment Date:	5/6/2020
Receipt Date:	5/14/2020
Manifest Number:	021513399JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	5/6/2020
Shipment Date:	5/6/2020
Receipt Date:	5/15/2020
Manifest Number:	021513400JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	CAT080013352
TSDF Name:	WORLD OIL RECYCLING
TSDF Address 1:	N. ALAMEDA STREET
TSDF Address 2:	Not reported
TSDF City,State,Zip:	COMPTON, CA 90222-0000
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	343 - Not reported
RCRA Code:	D001,D018
Meth Code:	H039 - Not reported
Quantity Tons:	0.68
Waste Quantity:	200
Quantity Unit:	G
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	4/7/2020
Shipment Date:	4/7/2020
Receipt Date:	4/17/2020
Manifest Number:	021243937JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	2/28/2020
Shipment Date:	2/28/2020
Receipt Date:	3/5/2020
Manifest Number:	021510257JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS, INC.
Address:	2828 TEAGARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Telephone:	Not reported
Contact:	MICHAEL L GILLEN
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIROMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P

Additional Information:

Year:	2019
EM Manifest ID:	667964

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	9/26/2019
Shipment Date:	9/26/2019
Receipt Date:	10/3/2019
Manifest Number:	020802440JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS INC
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	667964
Generator EPA ID:	CAD981583172
Shipment Date:	2019-09-26
Manifest Number:	020802440JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.24000
Quantity Waste:	480.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	667964
Generator EPA ID:	CAD981583172
Shipment Date:	2019-09-26
Manifest Number:	020802440JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.13000
Quantity Waste:	260.000000

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	784991
Shipment Date:	9/11/2019
Shipment Date:	9/11/2019
Receipt Date:	9/19/2019
Manifest Number:	020802022JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS INC
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	784991
Generator EPA ID:	CAD981583172
Shipment Date:	2019-09-11
Manifest Number:	020802022JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Year:	2019
EM Manifest ID:	784991
Generator EPA ID:	CAD981583172
Shipment Date:	2019-09-11
Manifest Number:	020802022JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.71500
Quantity Waste:	1430.000000
Quantity Unit:	P
Number of Containers:	11
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	541819
Shipment Date:	8/7/2019
Shipment Date:	8/7/2019
Receipt Date:	8/15/2019
Manifest Number:	020812370JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS INC
Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	541819
Generator EPA ID:	CAD981583172
Shipment Date:	2019-08-07
Manifest Number:	020812370JJK
Line Number:	1

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Method Code:	H141
Quantity Tons:	0.30000
Quantity Waste:	600.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	585314
Shipment Date:	8/28/2019
Shipment Date:	8/28/2019
Receipt Date:	9/6/2019
Manifest Number:	020801144JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	2828 TEAGARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	585314
Generator EPA ID:	CAD981583172
Shipment Date:	2019-08-28
Manifest Number:	020801144JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.11250
Quantity Waste:	225.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 585314
Generator EPA ID: CAD981583172
Shipment Date: 2019-08-28
Manifest Number: 020801144JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 644323
Shipment Date: 8/13/2018
Shipment Date: 8/13/2018
Receipt Date: 8/23/2018
Manifest Number: 018154116JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS INC
Address: 2828 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577-0000
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 503-488-1204
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000515924
TSDF Name: YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1: 2730 E 13TH ST
TSDF Address 2: Not reported
TSDF City,State,Zip: YUMA 85365-1901
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: 644323
Generator EPA ID: CAD981583172

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	2018-08-13
Manifest Number:	018154116JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	644323
Generator EPA ID:	CAD981583172
Shipment Date:	2018-08-13
Manifest Number:	018154116JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	017456944JJK20180731_D_1
Shipment Date:	7/31/2018
Shipment Date:	7/31/2018
Receipt Date:	8/9/2018
Manifest Number:	017456944JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935 ENV MGR
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: 017456944JJK20180731_D_1
Generator EPA ID: CAD981583172
Shipment Date: 2018-07-31
Manifest Number: 017456944JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.75000
Quantity Waste: 1500.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Year: 2019
EM Manifest ID: 017456944JJK20180731_D_1
Generator EPA ID: CAD981583172
Shipment Date: 2018-07-31
Manifest Number: 017456944JJK
Line Number: 2
Method Code: H141
Quantity Tons: 1.35000
Quantity Waste: 2700.000000
Quantity Unit: P
Number of Containers: 9
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Year: 2019
EM Manifest ID: 017456946JJK20180731_D_1
Shipment Date: 7/31/2018
Shipment Date: 7/31/2018
Receipt Date: 8/9/2018
Manifest Number: 017456946JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS - 225935 ENV MGR
Address: Not reported
Address 2: Not reported
City,State,Zip: Not reported
Telephone: Not reported
Contact: Not reported
Contact Telephone: Not reported
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter Name 2: Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000515924
TSDF Name: YUMA YES LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: 017456946JJK20180731_D_1
Generator EPA ID: CAD981583172
Shipment Date: 2018-07-31
Manifest Number: 017456946JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.45000
Quantity Waste: 900.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Year: 2019
EM Manifest ID: d9626e3e-6836-4572-a0ed-babc9dcdd5d7
Shipment Date: 7/3/2019
Shipment Date: 7/3/2019
Receipt Date: 7/20/2019
Manifest Number: 020376048JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS INC
Address: 2828 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577-0000
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 510-895-8400
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000521146
TSDF Name: YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1: 6500 S US HIGHWAY 95
TSDF Address 2: Not reported
TSDF City,State,Zip: YUMA 85365

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: d9626e3e-6836-4572-a0ed-babc9dcdd5d7
Generator EPA ID: CAD981583172
Shipment Date: 2019-07-03
Manifest Number: 020376048JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.30000
Quantity Waste: 600.000000
Quantity Unit: P
Number of Containers: 3
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: d9626e3e-6836-4572-a0ed-babc9dcdd5d7
Generator EPA ID: CAD981583172
Shipment Date: 2019-07-03
Manifest Number: 020376048JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.45000
Quantity Waste: 900.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2019
EM Manifest ID: 503112
Shipment Date: 7/22/2019
Shipment Date: 7/22/2019
Receipt Date: 7/31/2019
Manifest Number: 020376236JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS - 225935
Address: 2828 TEAGARDEN STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 510-895-8400
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	503112
Generator EPA ID:	CAD981583172
Shipment Date:	2019-07-22
Manifest Number:	020376236JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.30000
Quantity Waste:	600.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	503112
Generator EPA ID:	CAD981583172
Shipment Date:	2019-07-22
Manifest Number:	020376236JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.26000
Quantity Waste:	520.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	450094
Shipment Date:	6/11/2019
Shipment Date:	6/11/2019
Receipt Date:	6/26/2019
Manifest Number:	020369071JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Address:	2828 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	450094
Generator EPA ID:	CAD981583172
Shipment Date:	2019-06-11
Manifest Number:	020369071JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.90000
Quantity Waste:	1800.000000
Quantity Unit:	P
Number of Containers:	9
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	450094
Generator EPA ID:	CAD981583172
Shipment Date:	2019-06-11
Manifest Number:	020369071JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.56000
Quantity Waste:	1120.000000
Quantity Unit:	P
Number of Containers:	8
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Additional Information:

Year:	2018
EM Manifest ID:	017788079JJK20180511_D_1
Shipment Date:	5/11/2018
Shipment Date:	5/11/2018
Receipt Date:	5/25/2018
Manifest Number:	017788079JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	017788079JJK20180511_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-05-11
Manifest Number:	017788079JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	017787442JJK20180412_D_1
Shipment Date:	4/12/2018
Shipment Date:	4/12/2018

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Receipt Date:	4/19/2018
Manifest Number:	017787442JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935 ENV MGR
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	017787442JJK20180412_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-04-12
Manifest Number:	017787442JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.49000
Quantity Waste:	980.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	017787441JJK20180412_D_1
Shipment Date:	4/12/2018
Shipment Date:	4/12/2018
Receipt Date:	4/19/2018
Manifest Number:	017787441JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935 ENV MGR
Address:	Not reported
Address 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	017787441JJK20180412_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-04-12
Manifest Number:	017787441JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.46000
Quantity Waste:	920.000000
Quantity Unit:	P
Number of Containers:	7
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	017343848JJK20180301_D_1
Shipment Date:	3/1/2018
Shipment Date:	3/1/2018
Receipt Date:	3/12/2018
Manifest Number:	017343848JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	017343848JJK20180301_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-03-01
Manifest Number:	017343848JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.37500
Quantity Waste:	750.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	017343847JJK20180301_D_1
Shipment Date:	3/1/2018
Shipment Date:	3/1/2018
Receipt Date:	3/12/2018
Manifest Number:	017343847JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

TSDF Name: YUMA YES LLC
TSDF Address 1: Not reported
TSDF Address 2: Not reported
TSDF City,State,Zip: Not reported
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2018
EM Manifest ID: 017343847JJK20180301_D_1
Generator EPA ID: CAD981583172
Shipment Date: 2018-03-01
Manifest Number: 017343847JJK
Line Number: 1
Method Code: H141
Quantity Tons: 1.10000
Quantity Waste: 2200.000000
Quantity Unit: P
Number of Containers: 11
Type of Container: NULL
Quantity Type: NULL
State Code: 352

Year: 2018
EM Manifest ID: 187305
Shipment Date: 11/6/2018
Shipment Date: 11/6/2018
Receipt Date: 11/14/2018
Manifest Number: 019244197JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS - 225935
Address: 2828 TEA GARDEN STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 510-895-8400
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422
Transporter Name 2: Not reported
Transporter 2 Emergency Number: Not reported
TSDF EPA ID: AZR000515924
TSDF Name: YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1: 2730 E 13TH ST
TSDF Address 2: Not reported
TSDF City,State,Zip: YUMA 85365-1901
TSDF Telephone: Not reported
TSDFA EPA ID: Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2018
EM Manifest ID: 187305
Generator EPA ID: CAD981583172
Shipment Date: 2018-11-06
Manifest Number: 019244197JJK
Line Number: 1
Method Code: H141
Quantity Tons: 0.45000
Quantity Waste: 900.000000
Quantity Unit: P
Number of Containers: 6
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2018
EM Manifest ID: 187305
Generator EPA ID: CAD981583172
Shipment Date: 2018-11-06
Manifest Number: 019244197JJK
Line Number: 2
Method Code: H141
Quantity Tons: 0.60000
Quantity Waste: 1200.000000
Quantity Unit: P
Number of Containers: 9
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 352

Year: 2018
EM Manifest ID: 139607
Shipment Date: 10/8/2018
Shipment Date: 10/8/2018
Receipt Date: 10/17/2018
Manifest Number: 017345948JJK
Generator EPA ID: CAD981583172
Name: PETERSON POWER SYSTEMS - 225935
Address: 2828 TEA GARDEN STREET
Address 2: Not reported
City,State,Zip: SAN LEANDRO 94577
Telephone: 800-424-9300
Contact: Not reported
Contact Telephone: 510-895-8400
Contact Email: Not reported
Transporter 1 EPA ID: CAD028277036
Transporter Name: Not reported
Transporter 1 Emergency Number: Not reported
Transporter 2 EPA ID: CAR000175422

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	139607
Generator EPA ID:	CAD981583172
Shipment Date:	2018-10-08
Manifest Number:	017345948JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.32500
Quantity Waste:	650.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2018
EM Manifest ID:	150170
Shipment Date:	10/8/2018
Shipment Date:	10/8/2018
Receipt Date:	10/17/2018
Manifest Number:	018154611JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS
Address:	2828 TEA GARDEN STREET
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-8400
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	150170
Generator EPA ID:	CAD981583172
Shipment Date:	2018-10-08
Manifest Number:	018154611JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.30000
Quantity Waste:	600.000000
Quantity Unit:	P
Number of Containers:	3
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2018
EM Manifest ID:	018156212JJK20180131_D_1
Shipment Date:	1/31/2018
Shipment Date:	1/31/2018
Receipt Date:	2/8/2018
Manifest Number:	018156212JJK
Generator EPA ID:	CAD981583172
Name:	PETERSON POWER SYSTEMS - 225935
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	018156212JJK20180131_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-01-31
Manifest Number:	018156212JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.30000
Quantity Waste:	600.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	018156212JJK20180131_D_1
Generator EPA ID:	CAD981583172
Shipment Date:	2018-01-31
Manifest Number:	018156212JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.26000
Quantity Waste:	520.000000
Quantity Unit:	P
Number of Containers:	4
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Additional Information:

Year:	2017
Gen EPA ID:	CAD981583172
Shipment Date:	20171025
Creation Date:	6/13/2018 18:31:31
Receipt Date:	20171107
Manifest ID:	017785192JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	0.834

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

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:	20171025
Creation Date:	6/13/2018 18:31:31
Receipt Date:	20171107
Manifest ID:	017785192JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	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:	20171005
Creation Date:	5/30/2018 18:31:28
Receipt Date:	20171018
Manifest ID:	016875505JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	20170901
Creation Date:	5/21/2018 18:34:34
Receipt Date:	20170913
Manifest ID:	017343221JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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:	20170901
Creation Date:	5/21/2018 18:34:34
Receipt Date:	20170913
Manifest ID:	017343221JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	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:	20170629
Creation Date:	6/20/2018 18:30:25
Receipt Date:	20170719
Manifest ID:	017348582JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

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:	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:	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:	20170426
Creation Date:	7/30/2018 18:30:20
Receipt Date:	20170516
Manifest ID:	016768649JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	1.15
Waste Quantity:	2300
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:	20170426
Creation Date:	7/30/2018 18:30:20
Receipt Date:	20170516
Manifest ID:	016768649JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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:	20170228
Creation Date:	5/24/2017 18:30:49
Receipt Date:	20170315
Manifest ID:	016763603JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, 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:	0.13
Waste Quantity:	260
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:	20170201
Creation Date:	5/17/2017 18:31:04
Receipt Date:	20170220
Manifest ID:	016867009JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, 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:	1.805
Waste Quantity:	3610
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 2016
Gen EPA ID: CAD981583172

Shipment Date: 20150803
Creation Date: 10/12/2015 22:15:20
Receipt Date: 20150811
Manifest ID: 014643381JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: EVOQUA WATER TECHNOLOGIES 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: 0.25
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: 20150707
Creation Date: 9/4/2015 22:15:45
Receipt Date: 20150714
Manifest ID: 014652523JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD097030993
Trans Name: EVOQUA WATER TECHNOLOGIES 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: 0.45
Waste Quantity: 900
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

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	20150513
Creation Date:	8/10/2015 22:15:21
Receipt Date:	20150520
Manifest ID:	014183177JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.68805
Waste Quantity:	165
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:	20150427
Creation Date:	7/6/2015 22:15:31
Receipt Date:	20150429
Manifest ID:	014177351JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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

Shipment Date:	20150403
Creation Date:	11/5/2015 22:15:08
Receipt Date:	20150403
Manifest ID:	002599896GBF
Trans EPA ID:	CAD981583172
Trans Name:	PETERSON POWER SYSTEMS INC
Trans 2 EPA ID:	Not reported

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981583172
Trans Name:	PETERSON POWER SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	20
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:	20150313
Creation Date:	6/25/2015 22:15:51
Receipt Date:	20150325
Manifest ID:	014177364JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.3
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:	20150217
Creation Date:	5/18/2015 22:15:34
Receipt Date:	20150226
Manifest ID:	014177368JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

	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
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150126
Creation Date:	4/16/2015 22:14:56
Receipt Date:	20150202
Manifest ID:	013386727JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.725
Waste Quantity:	1450
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 Information:

Year:	2015
Gen EPA ID:	CAD981583172
Shipment Date:	20150803
Creation Date:	10/12/2015 22:15:20
Receipt Date:	20150811
Manifest ID:	014643381JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES 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:	0.25
Waste Quantity:	500

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

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:	20150707
Creation Date:	9/4/2015 22:15:45
Receipt Date:	20150714
Manifest ID:	014652523JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES 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:	0.45
Waste Quantity:	900
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:	20150513
Creation Date:	8/10/2015 22:15:21
Receipt Date:	20150520
Manifest ID:	014183177JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more 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:	0.68805
Waste Quantity:	165
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

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Shipment Date:	20150427
Creation Date:	7/6/2015 22:15:31
Receipt Date:	20150429
Manifest ID:	014177351JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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

Shipment Date:	20150403
Creation Date:	11/5/2015 22:15:08
Receipt Date:	20150403
Manifest ID:	002599896GBF
Trans EPA ID:	CAD981583172
Trans Name:	PETERSON POWER SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981583172
Trans Name:	PETERSON POWER SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	20
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:	20150313
Creation Date:	6/25/2015 22:15:51
Receipt Date:	20150325
Manifest ID:	014177364JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.3
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:	20150217
Creation Date:	5/18/2015 22:15:34
Receipt Date:	20150226
Manifest ID:	014177368JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS INC
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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:	0.225
Waste Quantity:	450
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:	20150126
Creation Date:	4/16/2015 22:14:56
Receipt Date:	20150202
Manifest ID:	013386727JJK
Trans EPA ID:	CAL000381082
Trans Name:	THERMO FLUIDS
Trans 2 EPA ID:	CAR000217513
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
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

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.725
Waste Quantity: 1450
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

CERS:
Name: PETERSON POWER SYSTEMS, INC.
Address: 2828 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 399317
CERS ID: 10135273
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 399317
Site Name: Peterson Power Systems, Inc.
Violation Date: 09-20-2017
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 10/20/2017. Failure to document and maintain records of daily HW tank inspections.
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Site ID: 399317
Site Name: Peterson Power Systems, Inc.
Violation Date: 09-20-2017
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 10/20/2017. Unable to demonstrate that HW container storage areas inspected weekly.
Violation Division: San Leandro City
Violation Program: HW
Violation Source: CERS,

Site ID: 399317
Site Name: Peterson Power Systems, Inc.
Violation Date: 09-20-2017
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 integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years.

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

3. Keep comparison records.
Violation Notes: Returned to compliance on 10/20/2017. Failure to maintain completed SPCC inspection records.
Violation Division: San Leandro City
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: EPA ID # was active. Hazardous waste manifests were available for review. All hazardous waste containers were properly labeled including accumulation start dates. All hazardous waste containers were kept closed. One item to address is to empty rain water from secondary containment pallets which accumulated during a recent storm.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: EPA ID # was active. Hazardous waste manifests were available for review. All hazardous waste containers were properly labeled including accumulation start dates. All hazardous waste containers were kept closed. The SPCC was available on site for review. Routine tank/container inspection forms were present and completed. All flammable cabinets were kept clean/dry/well organized. The Most recent full CERS submittal was completed on 01/12/2023 and will be due again on or before 01/12/2024. A few items were identified during the inspection that could use attention. Better training record tracking. Empty rain water from secondary containment pallets. Additional detail is necessary for the tank/container inspection forms. Check AST emergency vents to make sure they are operating properly. Ensure the AST secondary is kept clean and dry. Make sure the AST level gauges are maintained.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-13-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The SPCC was available on site for review. Routine tank/container inspection forms were present and completed. All flammable cabinets were kept clean/dry/well organized. Additional detail is necessary for the tank/container inspection forms. Check AST emergency vents to make sure they are operating properly. Ensure the AST secondary is kept clean and dry. Make sure the AST level gauges are maintained.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2017
Violations Found: Yes

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-04-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Enforcement Action:
Site ID: 399317
Site Name: Peterson Power Systems, Inc.
Site Address: 2828 TEAGARDEN ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 09-20-2017
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 Leandro City
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 399317
Site Name: Peterson Power Systems, Inc.
Site Address: 2828 TEAGARDEN ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 09-20-2017
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 Leandro City
Enf Action Program: HW
Enf Action Source: CERS,

Coordinates:
Site ID: 399317
Facility Name: Peterson Power Systems, Inc.
Env Int Type Code: APSA
Program ID: 10135273

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Coord Name: Not reported
Ref Point Type Desc: Property Boundary,
Latitude: 37.705869
Longitude: -122.157910

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kevin Schleh
Entity Title: Not reported
Affiliation Address: 5450 NE Five Oaks Drive
Affiliation City: Hillsboro
Affiliation State: OR
Affiliation Country: Not reported
Affiliation Zip: 97124
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Peterson Power Systems, 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: (510) 895-8400,

Affiliation Type Desc: Document Preparer
Entity Name: Kevin Schleh
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: ,

Affiliation Type Desc: Identification Signer
Entity Name: Kevin Schleh
Entity Title: 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: ,

Affiliation Type Desc: CUPA District
Entity Name: San Leandro City
Entity Title: Not reported
Affiliation Address: 835 East 14th Street
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: (510) 577-3401,

Affiliation Type Desc: Facility Mailing Address

PETERSON POWER SYSTEMS, INC. (Continued) **1000218813**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5258
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Peterson Holding Co.
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5258
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 357-6200,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Peterson Power Systems, 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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Peterson Holding Co.
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5258
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 357-6200,

I63 **GEORGIA PACIFIC CORRUGATED LLC** **RCRA-SQG** **1024815949**
North **2800 ALVARADO** **E MANIFEST** **CAL000315762**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.185 mi.
975 ft. **Site 1 of 9 in cluster I**

Relative:
Higher

Actual:
39 ft.

RCRA Listings:

Date Form Received by Agency:	20180924
Handler Name:	Georgia Pacific Corrugated Llc
Handler Address:	Alvarado
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000315762
Contact Name:	REYNALDO ARTEAGA
Contact Address:	ALVARADO
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	510-895-7805
Contact Fax:	Not reported
Contact Email:	REYNALDO.ARTEAGA@GAPAC.COM

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Contact Title:	EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ALVARADO
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Georgia-Pacific Corrugated Llc
Owner Type:	Private
Operator Name:	Georgia-Pacific Corrugated Llc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20181126
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

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D002
Waste Description: Corrosive Waste

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: GEORGIA-PACIFIC CORRUGATED LLC
Legal Status: Private
Date Became Current: 20040414
Date Ended Current: Not reported
Owner/Operator Address: 2800 ALVARADO
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 510-895-7805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: REYNALDO.ARTEAGA@GAPAC.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: GEORGIA-PACIFIC CORRUGATED LLC
Legal Status: Private
Date Became Current: 20040314
Date Ended Current: Not reported
Owner/Operator Address: 2800 ALVARADO
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 510-895-7805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: REYNALDO.ARTEAGA@GAPAC.COM

Historic Generators:
Receive Date: 20180924
Handler Name: GEORGIA PACIFIC CORRUGATED LLC
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: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 322211
NAICS Description: CORRUGATED AND SOLID FIBER BOX MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	024515501JJK
Last Updated Date:	20220609
Shipped Date:	20220517
Received Date:	20220517
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	CAD980675276
Designated Facility Name:	Clean Harbors Buttonwillow Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 787
Designated Facility Mail City:	Buttonwillow
Designated Facility Mail Zip:	93206
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2500 West Lokern Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Buttonwillow
Designated Facility Location Zip:	93206
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008569998SKS
Last Updated Date:	20221001
Shipped Date:	20220728
Received Date:	20220911
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008583502SKS
Last Updated Date:	20220906
Shipped Date:	20220728
Received Date:	20220808
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008585961SKS
Last Updated Date:	20221226
Shipped Date:	20221110
Received Date:	20221205
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008586481SKS
Last Updated Date:	20220921
Shipped Date:	20220819
Received Date:	20220831
Manifest Status:	Signed

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	UTD981552177
Designated Facility Name:	Clean Harbors Aragonite Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 1339
Designated Facility Mail City:	Grantsville
Designated Facility Mail Zip:	84029
Designated Facility Mail State:	UT
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	11600 North Aptus Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Grantsville
Designated Facility Location Zip:	84029
Designated Facility Location State:	UT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008586482SKS
Last Updated Date:	20221005
Shipped Date:	20220819
Received Date:	20220915
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	011848450FLE
Last Updated Date:	20220512
Shipped Date:	20220408
Received Date:	20220411
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	CAD980675276
Designated Facility Name:	Clean Harbors Buttonwillow Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 787
Designated Facility Mail City:	Buttonwillow
Designated Facility Mail Zip:	93206
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2500 West Lokern Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Buttonwillow
Designated Facility Location Zip:	93206
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Manifest Tracking Number:	007856973SKS
Last Updated Date:	20210512
Shipped Date:	20210319
Received Date:	20210416
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	UTD991301748
Designated Facility Name:	Clean Harbors Grassy Mountain Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 22750
Designated Facility Mail City:	Salt Lake City
Designated Facility Mail Zip:	84122
Designated Facility Mail State:	UT
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3 Miles East 7 Miles North of Knolls
Designated Facility Location Street 2:	Exit 41 off I-80
Designated Facility Location City:	Grantsville
Designated Facility Location Zip:	84029
Designated Facility Location State:	UT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	007857217SKS
Last Updated Date:	20210409
Shipped Date:	20210212
Received Date:	20210320
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	007857298SKS
Last Updated Date:	20210403
Shipped Date:	20210217
Received Date:	20210303
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	UTD991301748
Designated Facility Name:	Clean Harbors Grassy Mountain Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 22750
Designated Facility Mail City:	Salt Lake City
Designated Facility Mail Zip:	84122
Designated Facility Mail State:	UT
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3 Miles East 7 Miles North of Knolls
Designated Facility Location Street 2:	Exit 41 off I-80
Designated Facility Location City:	Grantsville

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Designated Facility Location Zip:	84029
Designated Facility Location State:	UT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007858080SKS
Last Updated Date:	20210427
Shipped Date:	20210319
Received Date:	20210402
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000315762
Generator Name:	Georgia Pacific Corrugated Llc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2800 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2800 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Georgia Pacific Corrugated Llc
Designated Facility EPA ID:	UTD981552177
Designated Facility Name:	Clean Harbors Aragonite Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO Box 1339
Designated Facility Mail City:	Grantsville
Designated Facility Mail Zip:	84029
Designated Facility Mail State:	UT
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	11600 North Aptus Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Grantsville
Designated Facility Location Zip:	84029
Designated Facility Location State:	UT
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	008353382SKS
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	223
State Waste:	Unspecified oil-containing waste

Transporter:

Manifest Tracking Number:	008353382SKS
Transporter Line Number:	1

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Transporter EPA ID: TXR000081205
Transporter Name: Safety-Kleen Systems, Inc.

Manifest Tracking Number: 008353382SKS
Transporter Line Number: 2
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Manifest Tracking Number: 008353382SKS
Transporter Line Number: 3
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Manifest Tracking Number: 008353382SKS
Transporter Line Number: 4
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Waste Line:
Manifest Tracking Number: 008353382SKS
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NONE, NONE, NON RCRA HAZARDOUS WASTE SOLIDS,), N/ (ABSORBENTS CONTAMINATED WITH OIL), N/A, NONE
Number of Containers: 2
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 200
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.1
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.1
Waste Quantity, in Kilograms: 90.703
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 90.703
Management Method Code: H141
Management Method Description: STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

GEORGIA PACIFIC CORRUGATED LLC (Continued) **1024815949**

Click this hyperlink while viewing on your computer to access
31 additional US EManifest: record(s) in the EDR Site Report.

I64 **GEORGIA-PACIFIC CORRUGATED, LLC** **CERS HAZ WASTE** **S121773263**
North **2800 ALVARADO ST** **CERS TANKS** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **CERS**
0.185 mi.
975 ft. **Site 2 of 9 in cluster I**

Relative:
Higher

Actual:
39 ft.

CERS HAZ WASTE:
Name: GEORGIA-PACIFIC CORRUGATED, LLC
Address: 2800 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 393807
CERS ID: 10120558
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: GEORGIA-PACIFIC CORRUGATED, LLC
Address: 2800 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 393807
CERS ID: 10120558
CERS Description: Aboveground Petroleum Storage

CERS:
Name: GEORGIA-PACIFIC CORRUGATED, LLC
Address: 2800 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 393807
CERS ID: 647003
CERS Description: Industrial Facility Storm Water

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is not an APSA facility, but they continue to make an APSA submittal along with their CERS HMBP submittal. Their Federal SPCC is for wax, but it also includes other oils on site (all much below 1,320 gallons). Their current SPCC was last certified on 11/12/20. It is fully developed and they are doing all requirements list in it. Their PE certified that the active wax tank has a functional life greater than thirty years. The other AST (the eastern tank) is empty and labeled OUT OF SERVICE. Both ASTs are within a bermed enclosure with wall about forty inches high. The are inside the berm is completely dry and has little dirt and a small amount of loose trash (mostly paper). There is no material escaping it and there was no outside staining. No violations were observed.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2014
Violations Found: No

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Eval Type: Routine done by local agency
Eval Notes: Hazardous wastes are all kept in an enclosed area. All drums were in excellent condition. They were all stored properly; sealed; labeled properly; and properly segregated. An excellent hazardous waste area. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Last CERS 4/14/15; annual submittal requirement gone over with facility representatives. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 2/27/15. They have made eight CERS submittal so far. The facility contact is aware of the requirements. The inventory was accurate. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste storage is excellent. They have most of their hazardous wastes in a small chain link enclosure inside. All wastes are stored in proper containers that are in pristine condition, all properly labeled, tacked, and sealed. They keep their records on site for three years. The parent company maintains all hazardous waste records for an additional two years for a total of five years. That being said, they maintain many of their hazardous waste records indefinitely. Universal wastes are also kept in the same hazardous waste area, and they all looked good. Housekeeping in this area is excellent. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their hazardous waste area is very clean and orderly. All containers are properly segregated, sealed, labeled, and tracked. Most containers are within secondary containment. There are a few other hazardous waste containers throughout the facility and they are equally well maintained. They continue to keep all hazardous waste paperwork on

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

site for three years and they keep them indefinitely at their corporate level. No hazardous waste violations were observed during this inspection.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area had less material in it this year than in the past. They apparently just had a large pickup. All containers were in excellent condition, sealed, properly labeled, tracked, and some were on top of spill containment pallets (liquid wastes). They are keeping records for three plus years. They had all recent hazardous waste manifests for easy review. No hazardous waste violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area looked very good. All containers were in excellent condition. All hazardous waste drums were on top of secondary containment. All drums were in excellent condition, properly labeled, tracked, and sealed. They do an inspection every day. They are retaining records on site for five years. They have a tracking system to manage every drum from start to TSDF signed off manifest copy received. Housekeeping in this area is excellent. It is indoors and behind a locked gated enclosure. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS submittal was on 2/26/16. They also made a facility information and a hazardous materials inventories submittal on 11/14/16. They understand that they must make an emergency response/contingency plan submittal by 2/26/17. The hazardous materials inventories are accurate. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a Federal SPCC facility (wax). They also have some mixed oil storage on site that is covered by their SPCC. They continue to have

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

two large ASTs for wax storage, but only one tank is in operation. Their current SPCC was PE certified on 6/9/16. The PE certification of their tanks determined that the operational tank has greater than 30 years of usefull life. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS HMBP submittal was done on 2/4/19. They also had a facility and hazardous material inventory submittal on 6/27/19. Their HMBP is fully developed, complete, and is accurate. The next annual submittal is due by 2/4/20. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) Their last CERS submittal was on 2/23/21. Their next submittal is due by 2/23/22. (2) The propane tank and adjoining propane rack looked good. (3) All oil storage looked good. They have changed out their old gravity fed oil container tanks with new color-coded pressure feed tanks. All clean with no spillage. (4) All other hazardous material storage in proper containers, sealed, and labeled. No HMBP violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS HMBP submittal was on 3/1/22. It is accurate and complete. No business plan violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a Federal SPCC facility. They have about 50,000 gallons of wax. This material does not fall under APSA as it is not a liquid at 60 F. They also have roughly 5,000 gallons of mixed oils on site. These oils are mostly stored in 55-gallon metal drums, but they also have some small lube cube type ASTs. All petroleum storage is exclusively inside. Their current SPCC was PE certified on 6/9/16. They have a PE on staff for this. Their last tank certifications were

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

on 2/14/12. The PE determined that both wax tanks had greater than 30 years of useful life remaining. They are in the process of scheduling a retest. I will check the retest during this years annual routine inspection scheduled for September. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area remains the same. It is in a locked chain link enclosure. The housekeeping in this facility is spotless. They have all containers labeled properly and sealed. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS submittal was on 3/1/17. It is fully developed, complete, and accurate. The long time facility contact is going to leave before the end of the year (12/31/17). His replacement has not yet been named, but he is going to set that person up in CERS prior to him leaving. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area continues to have outstanding housekeeping. All containers are in excellent condition, sealed, properly labeled, and most containers are within secondary containment. Other hazardous waste containers throughout the facility are similarly well maintained. They continue to keep local hazardous waste records on site for at least three years and they keep them at the corporate level indefinitely. No hazardous waste violations were observed during this inspection.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is not an APSA facility. They are a federal SPCC for wax only. The quantity of other oils on site are below the SPCC threshold. They

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

made an CERS APSA submittal during their last complete CERS HMBP submittal. Their current SPCC was PE certified on 6/9/16. The PE certification of their tanks determined that the operational tank has greater than 30 years of useful life. The other large AST next to it and within the same secondary containment are is empty and is labeled as permanently closed. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: There were less hazardous wastes in the hazardous waste storage area than in the past. All containers were properly labeled, sealed, clean, and in excellent condition. There was no spillage. Universal waste bin looked good. All secondary containment was clean and dry. They continue to keep hazardous waste records for at least three years and indefinitely at the corporate level. The pretreatment filter is analyzed yearly and continues to be non-hazardous. This is disposed at Altamont land fill. No hazardous waste violations were observed during this inspection.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a federal SPCC facility for wax. They are not an APSA facility. All oil storage is well below 1320 gallons. Their current SPCC was last certified on 11/12/20. It meets all apparent federal requirements. Their second was AST is still marked as out of service. They have no intention of putting it back into service and they still plan to remove it one day. The active wax AST PE's certification has stated that its life expectancy is greater than thirty years. Both of these ASTs are within a bermed secondary containment structure that is in excellent condition and shows no sign of leakage. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full HMBP CERS submittal was done on 2/26/18. It was complete and accurate. There was an additional facility and inventory submittal done on 8/9/18. They are aware of all annual CERS submittal requirements. No violations were observed

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Coordinates:

Site ID:	393807
Facility Name:	Georgia-Pacific Corrugated, LLC
Env Int Type Code:	SMSWIND
Program ID:	647003
Coord Name:	Not reported
Ref Point Type Desc:	Unknown,
Latitude:	37.707470
Longitude:	-122.153440

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Kevin Bumgarner
Entity Title:	Not reported
Affiliation Address:	2800 Alvarado Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Georgia-Pacific Corrugated 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:	(510) 686-9010,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Georgia-Pacific Corrugated, 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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Kevin Bumgarner
Entity Title:	Director of Operations
Affiliation Address:	Not reported
Affiliation City:	Not reported

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Georgia-Pacific Corrugated LLC
Entity Title:	Not reported
Affiliation Address:	133 Peachtree St. NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30303
Affiliation Phone:	(404) 652-4000,
Affiliation Type Desc:	Property Owner
Entity Name:	Georgia-Pacific Corrugated LLC
Entity Title:	Not reported
Affiliation Address:	133 Peachtree St., NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30303
Affiliation Phone:	(404) 652-4000,
Affiliation Type Desc:	Document Preparer
Entity Name:	Kedar Desai
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2800 Alvarado Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Georgia Pacific Corrugated LLC
Entity Title:	Operator
Affiliation Address:	133 Peachtree Street NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	Not reported
Affiliation Zip:	30303
Affiliation Phone:	,
Name:	GEORGIA-PACIFIC CORRUGATED, LLC

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Address: 2800 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 393807
CERS ID: 10120558
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is not an APSA facility, but they continue to make an APSA submittal along with their CERS HMBP submittal. Their Federal SPCC is for wax, but it also includes other oils on site (all much below 1,320 gallons). Their current SPCC was last certified on 11/12/20. It is fully developed and they are doing all requirements list in it. Their PE certified that the active wax tank has a functional life greater than thirty years. The other AST (the eastern tank) is empty and labeled OUT OF SERVICE. Both ASTs are within a bermed enclosure with wall about forty inches high. The are inside the berm is completely dry and has little dirt and a small amount of loose trash (mostly paper). There is no material escaping it and there was no outside staining. No violations were observed.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous wastes are all kept in an enclosed area. All drums were in excellent condition. They were all stored properly; sealed; labeled properly; and properly segregated. An excellent hazardous waste area. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Last CERS 4/14/15; annual submittal requirement gone over with facility representatives. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 2/27/15. They have made eight CERS submittal so far. The facility contact is aware of the requirements. The inventory was accurate. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste storage is excellent. They have most of their hazardous wastes in a small chain link enclosure inside. All wastes are stored in proper containers that are in pristine condition, all properly labeled, tacked, and sealed. They keep their records on site for three years. The parent company maintains all hazardous waste records for an additional two years for a total of five years. That being said, they maintain many of their hazardous waste records indefinitely. Universal wastes are also kept in the same hazardous waste area, and they all looked good. Housekeeping in this area is excellent. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their hazardous waste area is very clean and orderly. All containers are properly segregated, sealed, labeled, and tracked. Most containers are within secondary containment. There are a few other hazardous waste containers throughout the facility and they are equally well maintained. They continue to keep all hazardous waste paperwork on site for three years and they keep them indefinitely at their corporate level. No hazardous waste violations were observed during this inspection.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area had less material in it this year than in the past. They apparently just had a large pickup. All containers were in excellent condition, sealed, properly labeled, tracked, and some were on top of spill containment pallets (liquid wastes). They are keeping records for three plus years. They had all recent hazardous waste manifests for easy review. No hazardous waste violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area looked very good. All containers were in excellent condition. All hazardous waste drums were on top of

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

secondary containment. All drums were in excellent condition, properly labeled, tracked, and sealed. They do an inspection every day. They are retaining records on site for five years. They have a tracking system to manage every drum from start to TSDF signed off manifest copy received. Housekeeping in this area is excellent. It is indoors and behind a locked gated enclosure. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS submittal was on 2/26/16. They also made a facility information and a hazardous materials inventories submittal on 11/14/16. They understand that they must make an emergency response/contingency plan submittal by 2/26/17. The hazardous materials inventories are accurate. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a Federal SPCC facility (wax). They also have some mixed oil storage on site that is covered by their SPCC. They continue to have two large ASTs for wax storage, but only one tank is in operation. Their current SPCC was PE certified on 6/9/16. The PE certification of their tanks determined that the operational tank has greater than 30 years of usefull life. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS HMBP submittal was done on 2/4/19. They also had a facility and hazardous material inventory submittal on 6/27/19. Their HMBP is fully developed, complete, and is accurate. The next annual submittal is due by 2/4/20. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) Their last CERS submittal was on 2/23/21. Their next submittal is due by 2/23/22. (2) The propane tank and adjoining propane rack looked good. (3) All oil storage looked good. They have changed out their old

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

gravity fed oil container tanks with new color-coded pressure feed tanks. All clean with no spillage. (4) All other hazardous material storage in proper containers, sealed, and labeled. No HMBP violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS HMBP submittal was on 3/1/22. It is accurate and complete. No business plan violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a Federal SPCC facility. They have about 50,000 gallons of wax. This material does not fall under APSA as it is not a liquid at 60 F. They also have roughly 5,000 gallons of mixed oils on site. These oils are mostly stored in 55-gallon metal drums, but they also have some small lube cube type ASTs. All petroleum storage is exclusively inside. Their current SPCC was PE certified on 6/9/16. They have a PE on staff for this. Their last tank certifications were on 2/14/12. The PE determined that both wax tanks had greater than 30 years of useful life remaining. They are in the process of scheduling a retest. I will check the retest during this years annual routine inspection scheduled for September. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area remains the same. It is in a locked chain link enclosure. The housekeeping in this facility is spotless. They have all containers labeled properly and sealed. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full CERS submittal was on 3/1/17. It is fully developed, complete, and accurate. The long time facility contact is going to

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

leave before the end of the year (12/31/17). His replacement has not yet been named, but he is going to set that person up in CERS prior to him leaving. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste area continues to have outstanding housekeeping. All containers are in excellent condition, sealed, properly labeled, and most containers are within secondary containment. Other hazardous waste containers throughout the facility are similarly well maintained. They continue to keep local hazardous waste records on site for at least three years and they keep them at the corporate level indefinitely. No hazardous waste violations were observed during this inspection.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is not an APSA facility. They are a federal SPCC for wax only. The quantity of other oils on site are below the SPCC threshold. They made an CERS APSA submittal during their last complete CERS HMBP submittal. Their current SPCC was PE certified on 6/9/16. The PE certification of their tanks determined that the operational tank has greater than 30 years of useful life. The other large AST next to it and within the same secondary containment are is empty and is labeled as permanently closed. Their SPCC is fully developed and implemented. They are doing all requirements of it. No violations were observed.

Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: There were less hazardous wastes in the hazardous waste storage area than in the past. All containers were properly labeled, sealed, clean, and in excellent condition. There was no spillage. Universal waste bin looked good. All secondary containment was clean and dry. They continue to keep hazardous waste records for at least three years and indefinitely at the corporate level. The pretreatment filter is analyzed yearly and continues to be non-hazardous. This is disposed at Altamont land fill. No hazardous waste violations were observed during this inspection.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-21-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This is a federal SPCC facility for wax. They are not an APSA facility. All oil storage is well below 1320 gallons. Their current SPCC was last certified on 11/12/20. It meets all apparent federal requirements. Their second was AST is still marked as out of service. They have no intention of putting it back into service and they still plan to remove it one day. The active wax AST PE's certification has stated that its life expectancy is greater than thirty years. Both of these ASTs are within a bermed secondary containment structure that is in excellent condition and shows no sign of leakage. No violations were observed.
Eval Division: San Leandro City
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full HMBP CERS submittal was done on 2/26/18. It was complete and accurate. There was an additional facility and inventory submittal done on 8/9/18. They are aware of all annual CERS submittal requirements. No violations were observed
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 393807
Facility Name: Georgia-Pacific Corrugated, LLC
Env Int Type Code: SMSWIND
Program ID: 647003
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.707470
Longitude: -122.153440

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Leandro City
Entity Title: Not reported
Affiliation Address: 835 East 14th Street
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: (510) 577-3401,

Affiliation Type Desc: Environmental Contact
Entity Name: Kevin Bumgarner
Entity Title: Not reported
Affiliation Address: 2800 Alvarado Street
Affiliation City: San Leandro

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Georgia-Pacific Corrugated 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:	(510) 686-9010,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Georgia-Pacific Corrugated, 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:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Kevin Bumgarner
Entity Title:	Director of Operations
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Georgia-Pacific Corrugated LLC
Entity Title:	Not reported
Affiliation Address:	133 Peachtree St. NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30303
Affiliation Phone:	(404) 652-4000,
Affiliation Type Desc:	Property Owner
Entity Name:	Georgia-Pacific Corrugated LLC
Entity Title:	Not reported
Affiliation Address:	133 Peachtree St., NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30303
Affiliation Phone:	(404) 652-4000,
Affiliation Type Desc:	Document Preparer
Entity Name:	Kedar Desai

GEORGIA-PACIFIC CORRUGATED, LLC (Continued) **S121773263**

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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2800 Alvarado Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Georgia Pacific Corrugated LLC
Entity Title:	Operator
Affiliation Address:	133 Peachtree Street NE
Affiliation City:	Atlanta
Affiliation State:	GA
Affiliation Country:	Not reported
Affiliation Zip:	30303
Affiliation Phone:	,

I65 **GEORGIA-PACIFIC CORRUGATED LLC** **AST S107621036**
North **2800 ALVARADO STREET** **EMI N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.185 mi.
975 ft. **Site 3 of 9 in cluster I**

Relative: AST:
Higher

Actual:
39 ft.

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO ST
City/Zip:	SAN LEANDRO,
Certified Unified Program Agencies:	San Leandro
Owner:	GEORGIA-PACIFIC CORRUGATED LLC
Total Gallons:	20,740
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

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

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

EMI:

Name:	GEORGIA PACIFIC CORPORATION
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.941
Reactive Organic Gases Tons/Yr:	8.8690994
Carbon Monoxide Emissions Tons/Yr:	1.012
NOX - Oxides of Nitrogen Tons/Yr:	4.048
SOX - Oxides of Sulphur Tons/Yr:	0.016
Particulate Matter Tons/Yr:	0.098
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0969

Name:	GEORGIA PACIFIC CORPORATION
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12.545
Reactive Organic Gases Tons/Yr:	12.4470984
Carbon Monoxide Emissions Tons/Yr:	1.545
NOX - Oxides of Nitrogen Tons/Yr:	6.179
SOX - Oxides of Sulphur Tons/Yr:	.025
Particulate Matter Tons/Yr:	.15
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1482

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	16023

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.851
Reactive Organic Gases Tons/Yr:	14.7764638
Carbon Monoxide Emissions Tons/Yr:	1.509
NOX - Oxides of Nitrogen Tons/Yr:	6.037
SOX - Oxides of Sulphur Tons/Yr:	.025
Particulate Matter Tons/Yr:	.147
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1452

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19.085
Reactive Organic Gases Tons/Yr:	19.006997
Carbon Monoxide Emissions Tons/Yr:	1.578
NOX - Oxides of Nitrogen Tons/Yr:	6.312
SOX - Oxides of Sulphur Tons/Yr:	.026
Particulate Matter Tons/Yr:	.153
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1512

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.489
Reactive Organic Gases Tons/Yr:	4.3722844
Carbon Monoxide Emissions Tons/Yr:	1.444
NOX - Oxides of Nitrogen Tons/Yr:	5.784
SOX - Oxides of Sulphur Tons/Yr:	.023
Particulate Matter Tons/Yr:	.144
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.142

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2009

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.8439999999999994
Reactive Organic Gases Tons/Yr:	9.7359513999999994
Carbon Monoxide Emissions Tons/Yr:	1.333
NOX - Oxides of Nitrogen Tons/Yr:	5.3419999999999996
SOX - Oxides of Sulphur Tons/Yr:	2.1999999999999999E-2
Particulate Matter Tons/Yr:	0.13
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.12839999999999999

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2010
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11.131
Reactive Organic Gases Tons/Yr:	11.0160178
Carbon Monoxide Emissions Tons/Yr:	1.425
NOX - Oxides of Nitrogen Tons/Yr:	5.7080000000000002
SOX - Oxides of Sulphur Tons/Yr:	0.023
Particulate Matter Tons/Yr:	0.14088888888888801
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.13900000000000001

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11.945
Reactive Organic Gases Tons/Yr:	11.8305956
Carbon Monoxide Emissions Tons/Yr:	0.3
NOX - Oxides of Nitrogen Tons/Yr:	0.054
SOX - Oxides of Sulphur Tons/Yr:	0.023
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	GEORGIA-PACIFIC CORRUGATED LLC

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.937
Reactive Organic Gases Tons/Yr:	4.8133508
Carbon Monoxide Emissions Tons/Yr:	0.323
NOX - Oxides of Nitrogen Tons/Yr:	0.058
SOX - Oxides of Sulphur Tons/Yr:	0.025
Particulate Matter Tons/Yr:	0.14877777778
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.147

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.634
Reactive Organic Gases Tons/Yr:	4.5074618
Carbon Monoxide Emissions Tons/Yr:	0.33
NOX - Oxides of Nitrogen Tons/Yr:	0.059
SOX - Oxides of Sulphur Tons/Yr:	0.025
Particulate Matter Tons/Yr:	0.152
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.151

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.692295456
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.307558133
NOX - Oxides of Nitrogen Tons/Yr:	0.055318886
SOX - Oxides of Sulphur Tons/Yr:	0.023617453
Particulate Matter Tons/Yr:	2.810396131

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

Part. Matter 10 Micrometers and Smllr Tons/Yr:2.008649375

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2015
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.49862024
Reactive Organic Gases Tons/Yr:	4.42853664
Carbon Monoxide Emissions Tons/Yr:	0.2729578
NOX - Oxides of Nitrogen Tons/Yr:	0.04909553
SOX - Oxides of Sulphur Tons/Yr:	0.02096049
Particulate Matter Tons/Yr:	6.35702249
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4.48683665

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2016
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.351147321
Reactive Organic Gases Tons/Yr:	5.2449345441
Carbon Monoxide Emissions Tons/Yr:	0.286404722
NOX - Oxides of Nitrogen Tons/Yr:	0.051514147
SOX - Oxides of Sulphur Tons/Yr:	0.021993074
Particulate Matter Tons/Yr:	3.190486474
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.271369222

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2017
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.810735553
Reactive Organic Gases Tons/Yr:	3.708326855
Carbon Monoxide Emissions Tons/Yr:	0.276146955

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

NOX - Oxides of Nitrogen Tons/Yr:	0.049669106
SOX - Oxides of Sulphur Tons/Yr:	0.021205369
Particulate Matter Tons/Yr:	3.311510661
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.355136645

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2018
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.844371992
Reactive Organic Gases Tons/Yr:	3.7244749756
Carbon Monoxide Emissions Tons/Yr:	0.338997734
NOX - Oxides of Nitrogen Tons/Yr:	0.361762515
SOX - Oxides of Sulphur Tons/Yr:	0.023749832
Particulate Matter Tons/Yr:	3.055970455
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.180277735

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2019
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.706195647
Reactive Organic Gases Tons/Yr:	4.5965726286
Carbon Monoxide Emissions Tons/Yr:	0.295600549
NOX - Oxides of Nitrogen Tons/Yr:	0.053168142
SOX - Oxides of Sulphur Tons/Yr:	0.022699218
Particulate Matter Tons/Yr:	3.683688391
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.617752892

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2020
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

GEORGIA-PACIFIC CORRUGATED LLC (Continued) **S107621036**

Total Organic Hydrocarbon Gases Tons/Yr:	3.41904046
Reactive Organic Gases Tons/Yr:	3.3050916118
Carbon Monoxide Emissions Tons/Yr:	0.307264921
NOX - Oxides of Nitrogen Tons/Yr:	0.055266184
SOX - Oxides of Sulphur Tons/Yr:	0.023594939
Particulate Matter Tons/Yr:	5.923842828
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4.18769673

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2021
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.735503681
Reactive Organic Gases Tons/Yr:	2.6060416165
Carbon Monoxide Emissions Tons/Yr:	0.349096768
NOX - Oxides of Nitrogen Tons/Yr:	0.062790242
SOX - Oxides of Sulphur Tons/Yr:	0.026807206
Particulate Matter Tons/Yr:	3.854728267
Part. Matter 10 Micrometers and Smllr Tons/Yr:	2.744157013

Name:	GEORGIA-PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2022
County Code:	1
Air Basin:	SF
Facility ID:	16023
Air District Name:	BA
SIC Code:	2653
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.7155
Reactive Organic Gases Tons/Yr:	2.6335
Carbon Monoxide Emissions Tons/Yr:	0.319
NOX - Oxides of Nitrogen Tons/Yr:	0.0574
SOX - Oxides of Sulphur Tons/Yr:	0.0245
Particulate Matter Tons/Yr:	2.4025
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1.731

I66 **WESTERN KRAFT PAPER GROUP** **HIST UST** **U001598496**
North **2800 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.185 mi.
975 ft. **Site 4 of 9 in cluster I**

Relative:
Higher

Actual:
39 ft.

HIST UST:

Name:	WESTERN KRAFT PAPER GROUP
Address:	2800 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	000364ea
URL:	
Region:	STATE
Facility ID:	00000000790
Facility Type:	Other
Other Type:	PAPER CO.
Contact Name:	Not reported
Telephone:	4153575400
Owner Name:	WILLAMETTE INDUSTRIES, INC.
Owner Address:	1300 S.W. FIFTH AVE.
Owner City,St,Zip:	PORTLAND, OR 97201
Total Tanks:	0003
Tank Num:	001
Container Num:	ONE
Year Installed:	1973
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	TWO
Year Installed:	1955
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	THREE
Year Installed:	1955
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

I67 **WESTERN KRAFT PAPER GROUP** **SWEEPS UST** **S101629600**
North **2800 ALVARADO ST** **CA FID UST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **WDS**
0.185 mi. **CIWQS**
975 ft. **Site 5 of 9 in cluster I** **CERS**

Relative:
Higher

Actual:
39 ft.

SWEEPS UST:

Name:	WESTERN KRAFT PAPER GROUP
Address:	2800 ALVARADO ST
City:	SAN LEANDRO
Status:	Active
Comp Number:	790
Number:	1
Board Of Equalization:	44-001042
Referral Date:	09-08-89
Action Date:	09-08-89
Created Date:	02-29-88
Owner Tank Id:	ONE
SWRCB Tank Id:	01-007-000790-000001
Tank Status:	A
Capacity:	15000
Active Date:	09-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	01001950
Regulated By:	UTNKA
Regulated ID:	00000790
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153575400
Mail To:	Not reported
Mailing Address:	2800 ALVARADO ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN LEANDRO 94577
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

WDS:

Name:	WEYERHAEUSER CO
Address:	2800 Alvarado St
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I017311
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

WESTERN KRAFT PAPER GROUP (Continued) **S101629600**

	under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	2
Facility Telephone:	5103575400
Facility Contact:	JERRY DODD
Agency Name:	WEYERHAEUSER CO
Agency Address:	PO Box 1878
Agency City,St,Zip:	San Leandro 945770277
Agency Contact:	JERRY DODD
Agency Telephone:	5103575400
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.
Name:	GEORGIA PACIFIC CORP
Address:	2800 Alvarado St
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I018795
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:	2
Facility Telephone:	5106869010
Facility Contact:	Jesus Casillas
Agency Name:	GEORGIA PACIFIC CORP
Agency Address:	2800 Alvarado St

WESTERN KRAFT PAPER GROUP (Continued) **S101629600**

Agency City,St,Zip:	San Leandro 94577
Agency Contact:	Jesus Casillas
Agency Telephone:	5106869010
Agency Type:	Private
SIC Code:	2653
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.

CIWQS:

Name:	Georgia Pacific Corp
Address:	2800 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Georgia Pacific
Agency Address:	2800 Alvarado St, San Leandro, CA 94577
Place/Project Type:	Industrial - Corrugated and Solid Fiber Boxes
SIC/NAICS:	2653
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I018795
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/12/2004
Termination Date:	02/13/2007
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:	37.70747
Longitude:	-122.15344

WESTERN KRAFT PAPER GROUP (Continued) **S101629600**

CERS:
Name: GEORGIA-PACIFIC CORRUGATED LLC
Address: 2800 ALVARADO STREET
City,State,Zip: SAN LEANDRO, CA 94577-5704
Site ID: 469917
CERS ID: 110001151173
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Operator
Entity Name: GA PACIFIC CORRUGATED LLC
Entity Title: OPERATOR
Affiliation Address: 2800 ALVARADO STREET
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: KEVIN MOUSER
Entity Title: PLANT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: JOHN ALLARD
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 2800 ALVARADO STREET
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: GA PACIFIC CORRUGATED LLC
Entity Title: OWNER
Affiliation Address: 2800 ALVARADO STREET
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: KEVIN MOUSER
Entity Title: Not reported
Affiliation Address: 2800 ALVARADO STREET
Affiliation City: SANLEANDRO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

WESTERN KRAFT PAPER GROUP (Continued) **S101629600**

Affiliation Phone: ,

I68 **WILLAMETTE INDUSTRIES** **LUST** **1002848429**
North **2800 ALVARADO** **Cortese** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.185 mi. **NPDES**
975 ft. **Site 6 of 9 in cluster I** **CERS**

Relative:
Higher

Actual:
39 ft.

LUST:

Name:	WILLAMETTE INDUSTRIES
Address:	2800 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101948
Latitude:	37.708396
Longitude:	-122.15127
Status:	Completed - Case Closed
Status Date:	12/16/1997
Case Worker:	UNK
RB Case Number:	01-2122
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-2122
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	10/13/1994
Leak Reported Date:	09/07/1995
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	12/16/1997
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101948
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400

WILLAMETTE INDUSTRIES (Continued) **1002848429**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101948
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101948
Action Type: ENFORCEMENT
Date: 11/21/1997
Action: Closure Summary

Global Id: T0600101948
Action Type: Other
Date: 09/07/1995
Action: Leak Reported

Global Id: T0600101948
Action Type: Other
Date: 10/13/1994
Action: Leak Stopped

Global Id: T0600101948
Action Type: Other
Date: 10/13/1994
Action: Leak Discovery

LUST:
Global Id: T0600101948
Status: Open - Case Begin Date
Status Date: 10/13/1994

Global Id: T0600101948
Status: Open - Site Assessment
Status Date: 10/06/1995

Global Id: T0600101948
Status: Completed - Case Closed
Status Date: 12/16/1997

LUST REG 2:
Region: 2
Facility Id: 01-2122
Facility Status: Case Closed
Case Number: 01-2122
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Date Leak Confirmed: 10/6/1995
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Name:	WILLAMETTE INDUSTRIES
Address:	2800 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101948
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

HIST CORTESE:

edr_fname:	WILLAMETTE INDUSTRIES
edr_fadd1:	2800 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2122

NPDES:

Name:	GEORGIA PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	320732
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I020683

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2007
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	133 Peachtree Street NE
Discharge Name:	Georgia Pacific Corrugated LLC
Discharge City:	Atlanta
Discharge State:	Georgia
Discharge Zip:	30303
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	320732
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I020683
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Georgia Pacific Corrugated LLC
Discharge Address:	15500 Valley View Avenue
Discharge City:	La Mirada
Discharge State:	California
Discharge Zip:	90638
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

WILLAMETTE INDUSTRIES (Continued) **1002848429**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	320732
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I020683
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

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Received Date:	05/09/2008
Processed Date:	02/21/2007
Status:	Active
Status Date:	02/21/2007
Place Size:	15.7
Place Size Unit:	Acres
Contact:	John Allard
Contact Title:	EHS Manager
Contact Phone:	510-895-7834
Contact Phone Ext:	Not reported
Contact Email:	jcallard@gapac.com
Operator Name:	Georgia Pacific Corrugated LLC
Operator Address:	15500 Valley View Avenue
Operator City:	La Mirada
Operator State:	California
Operator Zip:	90638
Operator Contact:	John Allard
Operator Contact Title:	EHS Manager
Operator Contact Phone:	510-895-7834
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jcallard@gapac.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:	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:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Kevin Mouser
Certifier Title:	Director of Operations
Certification Date:	03-JUN-15
Primary Sic:	2653-Corrugated and Solid Fiber Boxes
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Name:	GEORGIA PACIFIC CORRUGATED LLC
Address:	2800 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
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:	2 01I020683
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	02/21/2007
Operator Name:	Georgia Pacific Corrugated LLC
Operator Address:	133 Peachtree Street NE
Operator City:	Atlanta
Operator State:	Georgia
Operator Zip:	30303

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	320732
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I020683
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Georgia Pacific Corrugated LLC
Discharge Address:	15500 Valley View Avenue
Discharge City:	La Mirada
Discharge State:	California
Discharge Zip:	90638
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

WILLAMETTE INDUSTRIES (Continued) **1002848429**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	320732
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported

WILLAMETTE INDUSTRIES (Continued) **1002848429**

WDID:	2 01I020683
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:	05/09/2008
Processed Date:	02/21/2007
Status:	Active
Status Date:	02/21/2007
Place Size:	15.7
Place Size Unit:	Acres
Contact:	John Allard
Contact Title:	EHS Manager
Contact Phone:	510-895-7834
Contact Phone Ext:	Not reported
Contact Email:	jcallard@gapac.com
Operator Name:	Georgia Pacific Corrugated LLC
Operator Address:	15500 Valley View Avenue
Operator City:	La Mirada
Operator State:	California
Operator Zip:	90638
Operator Contact:	John Allard
Operator Contact Title:	EHS Manager
Operator Contact Phone:	510-895-7834
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jcallard@gapac.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:	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

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Kevin Mouser
Certifier Title:	Director of Operations
Certification Date:	03-JUN-15
Primary Sic:	2653-Corrugated and Solid Fiber Boxes
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CERS:

Name:	WILLAMETTE INDUSTRIES
Address:	2800 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	871107
CERS ID:	T0600101948
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I69 **WILLAMETTE INDUSTRIES** **UST FINDER RELEASE** **1029131624**
North **2800 ALVARADO** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.185 mi.
975 ft. **Site 7 of 9 in cluster I**

Relative:
Higher

Actual:
39 ft.

UST FINDER RELEASE:

Object ID:	43029
Facility ID:	Not reported
Lust ID:	CAT0600101948
Name:	WILLAMETTE INDUSTRIES
Address:	2800 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action

WILLAMETTE INDUSTRIES (Continued) **1029131624**

Substance:	Not reported
Population within 1500ft:	171
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15345
Y Coord:	37.70755
Latitude:	37.7075499999999
Longitude:	-122.15345

H70 **ACME PRINTING INK CO DELAWARE** **RCRA NonGen / NLR** **1000198241**
WNW **2785 TEAGARDEN ST** **FINDS** **CAD056194863**
1/8-1/4 **SAN LEANDRO, CA 94579** **ECHO**
0.185 mi.
978 ft. **Site 5 of 13 in cluster H**

Relative:
Lower

Actual:
29 ft.

RCRA Listings:

Date Form Received by Agency:	19800627
Handler Name:	Acme Printing Ink Co Delaware
Handler Address:	Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94579
EPA ID:	CAD056194863
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2785 TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94579
Contact Telephone:	415-483-2020
Contact Fax:	Not reported
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:	Not reported
State District Owner:	Ca
State District:	2
Mailing Address:	TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94579

ACME PRINTING INK CO DELAWARE (Continued) **1000198241**

Owner Name:	Acme Printing Ink Co. Of Delaware
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ACME PRINTING INK CO. OF	DELAWARE
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

ACME PRINTING INK CO DELAWARE (Continued) **1000198241**

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: 19800627
Handler Name: ACME PRINTING INK CO DELAWARE
Federal Waste Generator Description: Not a generator, verified
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: 32591
NAICS Description: PRINTING INK MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19850118
Actual Return to Compliance Date: 19850123
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850202
Enforcement Identifier: 001
Date of Enforcement Action: 19850118
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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

ACME PRINTING INK CO DELAWARE (Continued) **1000198241**

Enforcement Responsible Person:	R9
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:	19850118
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850123
Scheduled Compliance Date:	19850202
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110002650685

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000198241
Registry ID:	110002650685

DFR URL:

Name:	ACME PRINTING INK CO DELAWARE
Address:	2785 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94579

H71 **RS NEXGEN LLC** **CERS HAZ WASTE** **S118938723**
WNW **2785 TEAGARDEN ST** **HWTS** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **HAZNET**
0.185 mi. **CERS**
978 ft. **Site 6 of 13 in cluster H**

Relative:
Lower

Actual:
29 ft.

CERS HAZ WASTE:

Name:	RS NEXGEN LLC
Address:	2785 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	149372
CERS ID:	10503196
CERS Description:	Hazardous Waste Generator

HWTS:

Name:	RS NEXGEN LLC
Address:	2785 TEAGARDEN ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000410212
Inactive Date:	Not reported
Create Date:	09/15/2015
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2785 TEAGARDEN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	RS NEXGEN LLC
Owner Address:	490 GRAND AVE STE 200
Owner Address 2:	Not reported
Owner City,State,Zip:	OAKLAND, CA 94610
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GUADALUPE VASQUEZ
Contact Address:	2785 TEAGARDEN ST
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.705586
Longitude:	-122.157956

NAICS:

EPA ID:	CAL000410212
Create Date:	2015-09-15 09:25:04.500
NAICS Code:	332813
NAICS Description:	Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date:	2015-09-15 09:25:04.49000
Inactive Date:	2020-06-30 00:00:00
Facility Name:	RS NEXGEN LLC
Facility Address:	2785 TEAGARDEN ST
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	945775714

RS NEXGEN LLC (Continued) **S118938723**

EPA ID: CAL000410212
Create Date: 2015-09-15 09:25:04.500
NAICS Code: 332813
NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date: 2015-09-15 09:25:04.49000
Inactive Date: 2020-06-30 00:00:00
Facility Name: RS NEXGEN LLC
Facility Address: 2785 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 945775714

Name: RS NEXGEN LLC
Address: 2785 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAL000398188
Inactive Date: Not reported
Create Date: 06/26/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 2785 TEAGARDEN ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 94577
Owner Name: RS NEXGEN LLC
Owner Address: 490 GRAND AVE STE 200
Owner Address 2: Not reported
Owner City,State,Zip: OAKLAND, CA 94610
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: GUADALUPE VASQUEZ
Contact Address: 2785 TEAGARDEN ST
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.705586
Longitude: -122.157956

NAICS:
EPA ID: CAL000398188
Create Date: 2014-06-26 10:28:26.363
NAICS Code: 332813
NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date: 2014-06-26 10:28:26.36000
Inactive Date: 2016-06-30 00:00:00
Facility Name: RS NEXGEN LLC
Facility Address: 2785 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA

RS NEXGEN LLC (Continued) **S118938723**

Facility Zip: 94577

EPA ID: CAL000398188
Create Date: 2014-06-26 10:28:26.363
NAICS Code: 332813
NAICS Description: Electroplating, Plating, Polishing, Anodizing, and Coloring
Issued EPA ID Date: 2014-06-26 10:28:26.36000
Inactive Date: 2016-06-30 00:00:00
Facility Name: RS NEXGEN LLC
Facility Address: 2785 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 94577

HAZNET:
Name: RS NEXGEN LLC
Address: 2785 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945775714
Contact: GUADALUPE VASQUEZ
Telephone: 5103773032
Mailing Name: Not reported
Mailing Address: 2785 TEAGARDEN ST

Year: 2018
Gepaid: CAL000410212
TSD EPA ID: RID059735761
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.91740

Year: 2017
Gepaid: CAL000410212
TSD EPA ID: RID059735761
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.14675

Year: 2016
Gepaid: CAL000410212
TSD EPA ID: RID059735761
CA Waste Code: 792 - Liquids with pH <= 2 with metals
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.14675

Year: 2015
Gepaid: CAL000410212
TSD EPA ID: NHD510177926
CA Waste Code: -
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.3761

RS NEXGEN LLC (Continued) **S118938723**

Additional Information:

Year:	2017
Gen EPA ID:	CAL000410212
Shipment Date:	20170809
Creation Date:	7/27/2018 18:30:12
Receipt Date:	20170818
Manifest ID:	017032726JJK
Trans EPA ID:	NYD980769947
Trans Name:	HAZMAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	RID059735761
Trans Name:	ADVANCED CHEMICAL COMPANY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2016
Gen EPA ID:	CAL000410212
Shipment Date:	20151020
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151105
Manifest ID:	008371004FLE
Trans EPA ID:	NYD980769947
Trans Name:	HAZ MAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NHD510177926
Trans Name:	COLT REFINING INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	P012
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	D011
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

RS NEXGEN LLC (Continued) **S118938723**

Additional Information:

Year:	2015
Gen EPA ID:	CAL000410212
Shipment Date:	20151020
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151105
Manifest ID:	008371004FLE
Trans EPA ID:	NYD980769947
Trans Name:	HAZ MAT ENVIRONMENTAL GROUP INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NHD510177926
Trans Name:	COLT REFINING INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	P012
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	D011
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	RS NEXGEN LLC
Address:	2785 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	149372
CERS ID:	10503196
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	149372
Site Name:	RS NEXGEN LLC
Violation Date:	02-02-2017
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 02/02/2017. HMBP not resubmitted within one year of prior submittal. Corrected at inspection.
Violation Division:	San Leandro City
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-12-2023
Violations Found:	No
Eval Type:	Routine done by local agency

RS NEXGEN LLC (Continued) **S118938723**

Eval Notes: The EPA ID # CAL000410212 is Active. No changes in the operation have occurred since the last inspection of 09/17/2021. The production line along with the rest of the facility was clean and well kept. The last hazardous waste disposal manifest was dated 09/06/2022. Waste manifests were available for review. Fire extinguishers were all properly serviced. No violations were observed during the site walk.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-12-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HMBP submitted on CERS on 09/13/2022 and will be due again by 09/13/2023. The EPA ID # CAL000410212 is Active. Pretreatment permit # 1-49 expires 09/07/2024. The facility is Zero Discharge. Periodic Compliance Report with original signature is in the mail. Please update the e-mail address for the environmental contact on CERS. No changes in the operation have occurred since the last inspection of 09/17/2021. The last hazardous waste disposal manifest was dated 09/06/2022. Waste manifests were available for review. Fire extinguishers were all properly serviced. The production line along with the rest of the facility was clean and well kept. No violations were observed during the site walk.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

RS NEXGEN LLC (Continued) **S118938723**

Eval Date: 09-17-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 149372
Site Name: RS NEXGEN LLC
Site Address: 2785 TEAGARDEN ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 02-02-2017
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 Leandro City
Enf Action Program: HMRRP
Enf Action Source: CERS,

RS NEXGEN LLC (Continued) **S118938723**

Coordinates:

Site ID:	149372
Facility Name:	RS NEXGEN LLC
Env Int Type Code:	HWG
Program ID:	10503196
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.705100
Longitude:	-122.157210

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,
Affiliation Type Desc:	Operator
Entity Name:	Guadalupe Vasquez
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:	(510) 377-3032,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Guadalupe Vasquez
Entity Title:	Not reported
Affiliation Address:	2785 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2785 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Guadalupe Vasquez
Entity Title:	CEO
Affiliation Address:	Not reported
Affiliation City:	Not reported

RS NEXGEN LLC (Continued) **S118938723**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	RS NexGen 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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Glyn Burge
Entity Title:	Not reported
Affiliation Address:	490 Grand Ave # 200
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94610
Affiliation Phone:	(510) 452-1433,
Affiliation Type Desc:	Document Preparer
Entity Name:	Guadalupe Vasquez
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Guadalupe Vasquez
Entity Title:	Not reported
Affiliation Address:	2785 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 377-3032,

H72 **RS NEXGEN LLC** **RCRA NonGen / NLR** **1026170098**
WNW **2785 TEAGARDEN ST** **E MANIFEST** **CAL000410212**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.185 mi.
978 ft. **Site 7 of 13 in cluster H**

Relative: **Lower**

Actual: **29 ft.**

RCRA Listings:

Date Form Received by Agency:	20200609
Handler Name:	Rs Nexgen Llc
Handler Address:	Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000410212

RS NEXGEN LLC (Continued) **1026170098**

Contact Name:	GUADALUPE VASQUEZ
Contact Address:	FAIRLANDS RD
Contact City,State,Zip:	HAYWARD, CA 94541
Contact Telephone:	510-377-3032
Contact Fax:	Not reported
Contact Email:	LOU@RSNEXGEN.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:	TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Rs Nexgen Llc
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20200609
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

RS NEXGEN LLC (Continued) **1026170098**

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: RS NEXGEN LLC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	23888 FAIRLANDS RD
Owner/Operator City,State,Zip:	HAYWARD, CA 94541
Owner/Operator Telephone:	510-377-3032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200609
Handler Name: RS NEXGEN LLC	
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 Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	016601677FLE
Last Updated Date:	20221017
Shipped Date:	20220906
Received Date:	20220915
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000410212
Generator Name:	Rs Nexgen Llc

RS NEXGEN LLC (Continued) **1026170098**

Generator Location Street Number:	Not reported
Generator Location Street 1:	2785 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2785 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Federal Waste:

Manifest Tracking Number:	016601677FLE
Waste Line Number:	1
Federal Waste Code:	D002
Federal Waste:	CORROSIVE WASTE

State Waste:

Manifest Tracking Number:	016601677FLE
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	792
State Waste:	Liquids with pH < 2 with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc

Transporter:

Manifest Tracking Number:	016601677FLE
Transporter Line Number:	1
Transporter EPA ID:	CAD982492399
Transporter Name:	All Clean Hazardous Waste Removal Inc

Waste Line:

Manifest Tracking Number:	016601677FLE
Waste Line Number:	1

RS NEXGEN LLC (Continued) **1026170098**

U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN2031
U.S. DOT Description:	Un2031, Waste Nitric Acid, 8, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	3
Container Type Code:	TP
Container Type Description:	Portable tanks
Waste Quantity:	1365
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	5.6922436
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	5.6922436
Waste Quantity, in Kilograms:	5163.0356
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	5163.0356
Management Method Code:	H132
Management Method Description:	LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	Y

H73 **RS NEXGEN LLC** **PFAS ECHO** **1027414720**
WNW **N/A**
1/8-1/4 **SAN LEANDRO, CA**
0.187 mi.
989 ft. **Site 8 of 13 in cluster H**

Relative: **Lower**

Actual: **28 ft.**

PFAS ECHO:

Name:	Rs Nexgen Llc
Address:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Latitude:	37.70539
Longitude:	-122.15833
Count:	1
County:	ALAMEDA
Status:	Inactive
Region:	09
Industry:	Metal Coating

ECHO Facility Report:

Facility Percent Minority:	77.411
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6671.77
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-

RS NEXGEN LLC (Continued) **1027414720**

Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805
Facility Derived CD113:	13
Facility Derived CB2010:	060014332004010
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAL000398188 CAL000410212
RCRA Permit Types:	Other
RCRA NAICS:	332813
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y

EJSCREEN Report:

J74 **AMARAL SAUSAGE** **LUST** **S102423917**
ENE **735 FREMONT AVE** **Cortese** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.189 mi. **CERS**
998 ft. **Site 1 of 2 in cluster J**

Relative:
Higher

Actual:
35 ft.

LUST:

Name:	AMARAL SAUSAGE
Address:	735 FREMONT AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101962
Latitude:	37.704651205
Longitude:	-122.14755
Status:	Completed - Case Closed
Status Date:	03/08/2011
Case Worker:	Not reported
RB Case Number:	01-2136
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	01-2136
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	04/03/1992
Leak Reported Date:	07/08/1992
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	03/08/2011
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	500-gal gasoline UST removed 1992. 150 mg/kg TPHg in soil. Benzene ND. Groundwater not encountered.

LUST:

Global Id:	T0600101962
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

AMARAL SAUSAGE (Continued) **S102423917**

LUST:
Global Id: T0600101962
Action Type: Other
Date: 04/03/1992
Action: Leak Discovery

Global Id: T0600101962
Action Type: RESPONSE
Date: 05/05/1992
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101962
Action Type: ENFORCEMENT
Date: 09/09/2010
Action: 13267 Requirement

Global Id: T0600101962
Action Type: Other
Date: 07/08/1992
Action: Leak Reported

Global Id: T0600101962
Action Type: Other
Date: 04/03/1992
Action: Leak Stopped

Global Id: T0600101962
Action Type: RESPONSE
Date: 06/30/1992
Action: Unauthorized Release Form

Global Id: T0600101962
Action Type: RESPONSE
Date: 04/04/1992
Action: Other Report / Document

Global Id: T0600101962
Action Type: RESPONSE
Date: 06/29/1992
Action: Other Report / Document

Global Id: T0600101962
Action Type: RESPONSE
Date: 06/30/1992
Action: Unauthorized Release Form

LUST:
Global Id: T0600101962
Status: Open - Case Begin Date
Status Date: 04/03/1992

Global Id: T0600101962
Status: Open - Site Assessment
Status Date: 03/05/1996

Global Id: T0600101962

AMARAL SAUSAGE (Continued) **S102423917**

Status: Open - Inactive
Status Date: 12/07/2009

Global Id: T0600101962
Status: Completed - Case Closed
Status Date: 03/08/2011

LUST REG 2:
Region: 2
Facility Id: 01-2136
Facility Status: Leak being confirmed
Case Number: 01-2136
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 3/5/1996
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: AMARAL SAUSAGE
Address: 735 FREMONT AVE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101962
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

HIST CORTESE:
edr_fname: AMARAL SAUSAGE
edr_fadd1: 735 FREMONT
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE

AMARAL SAUSAGE (Continued) **S102423917**

Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2136

CERS:
Name: AMARAL SAUSAGE
Address: 735 FREMONT AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 849371
CERS ID: T0600101962
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

J75 **AMARAL SAUSAGE** **UST FINDER RELEASE** **1028916244**
ENE **735 FREMONT AVE** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.189 mi.
998 ft. **Site 2 of 2 in cluster J**

Relative: **Higher**
Actual: **35 ft.**

UST FINDER RELEASE:
Object ID: 43094
Facility ID: Not reported
Lust ID: CAT0600101962
Name: AMARAL SAUSAGE
Address: 735 FREMONT AVE
City,State,Zip: SAN LEANDRO, CA 94577
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 1125
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: CA0103041_12346
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 180500040805
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 9
NFA Letter 1: Not reported

AMARAL SAUSAGE (Continued) **1028916244**

NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.14776
Y Coord:	37.70453
Latitude:	37.7045299999999
Longitude:	-122.14776

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76 **SAN FRANCISCO NIKE 31** **RESPONSE** **S107737250**
NNE **ENVIROSTOR** **N/A**
1/8-1/4 **SAN LEANDRO, CA**
0.190 mi.
1001 ft.

Relative:
Higher

Actual:
39 ft.

RESPONSE:

Name:	SAN FRANCISCO NIKE 31
Address:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Facility ID:	80000548
Site Type:	State Response
Site Type Detail:	FUDS
Acres:	5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	* Dan Ward
Division Branch:	Engineering & Special Projects
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/15/2017
Restricted Use:	NO
Funding:	DERA
Latitude:	37.70777
Longitude:	-122.1513
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC :	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F599100
Alias Type:	Federal Facility ID
Alias Name:	J09CA1103
Alias Type:	INPR
Alias Name:	80000548
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/22/1995

SAN FRANCISCO NIKE 31 (Continued) **S107737250**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 02/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 06/15/2017
Comments: This determination is based on information in DTSC s possession at this time concerning Department of Defense (DoD) activities on the site listed above. DTSC reserves the right to address any appropriate environmental or human health related issue, should additional information concerning the environmental condition of this site becomes available in the future.

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

ENVIROSTOR:
Name: SAN FRANCISCO NIKE 31
Address: Not reported
City,State,Zip: SAN LEANDRO, CA
Facility ID: 80000548
Status: No Further Action
Status Date: 06/15/2017
Site Code: Not reported
Site Type: State Response
Site Type Detailed: FUDS
Acres: 5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Dan Ward
Division Branch: Engineering & Special Projects
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 37.70777
Longitude: -122.1513
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

SAN FRANCISCO NIKE 31 (Continued) **S107737250**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA99799F599100
Alias Type: Federal Facility ID
Alias Name: J09CA1103
Alias Type: INPR
Alias Name: 80000548
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 09/22/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 02/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Department of Defense Action Indicated (NDAI)
Completed Date: 06/15/2017
Comments: This determination is based on information in DTSC s possession at this time concerning Department of Defense (DoD) activities on the site listed above. DTSC reserves the right to address any appropriate environmental or human health related issue, should additional information concerning the environmental condition of this site becomes available in the future.

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

K77 **EDITH BASBAS** **RCRA NonGen / NLR** **1024764833**
SE **3597 CARRILLO DRIVE** **E MANIFEST** **CAC002984701**
1/8-1/4 **SAN LEANDRO, CA 94578**
0.202 mi.
1067 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**
Actual: **28 ft.**

RCRA Listings:
Date Form Received by Agency: 20181012
Handler Name: Edith Basbas
Handler Address: 3597 Carrillo Drive
Handler City,State,Zip: SAN LEANDRO, CA 94578
EPA ID: CAC002984701
Contact Name: EDITH BASBAS
Contact Address: 3597 CARRILLO DRIVE
Contact City,State,Zip: SAN LEANDRO, CA 94578

EDITH BASBAS (Continued) **1024764833**

Contact Telephone:	510-352-6569
Contact Fax:	Not reported
Contact Email:	MELISA@ENV-REM.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:	3597 CARRILLO DRIVE
Mailing City,State,Zip:	SAN LEANDRO, CA 94578
Owner Name:	Edith Basbas
Owner Type:	Other
Operator Name:	Edith Basbas
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

EDITH BASBAS (Continued) **1024764833**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: EDITH BASBAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3597 CARRILLO DRIVE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94578
Owner/Operator Telephone: 510-352-6569
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: EDITH BASBAS
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3597 CARRILLO DRIVE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94578
Owner/Operator Telephone: 510-352-6569
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181012
Handler Name: EDITH BASBAS
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

EDITH BASBAS (Continued) **1024764833**

E MANIFEST:

Manifest Tracking Number:	000209220DAT
Last Updated Date:	20181121
Shipped Date:	20181015
Received Date:	20181023
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC002984701
Generator Name:	Edith Basbas
Generator Location Street Number:	Not reported
Generator Location Street 1:	3897 CARRIB DRIVE
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94578
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3897 Carrib Drive
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94578
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD981382732
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	10840
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	10840 ALTAMONT PASS RD
Designated Facility Mail City:	LIVERMORE
Designated Facility Mail Zip:	94551
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	10840
Designated Facility Location Street 1:	10840 ALTAMONT PASS RD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LIVERMORE
Designated Facility Location Zip:	94551
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	ALTAMONT LANDFILL & RESOURCE RECOVERY FACILITY
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	000209220DAT
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	151
State Waste:	Asbestos-containing waste

Transporter:

Manifest Tracking Number:	000209220DAT
Transporter Line Number:	1
Transporter EPA ID:	CAL000371038
Transporter Name:	Environmental Remedies Inc
Manifest Tracking Number:	000209220DAT
Transporter Line Number:	2

EDITH BASBAS (Continued) **1024764833**

Transporter EPA ID: CAR000272773
Transporter Name: Uni Waste Llc

Waste Line:
Manifest Tracking Number: 000209220DAT
Waste Line Number: 1
U.S. DOT Hazardous Indicator: Y
U.S. DOT ID Number: NA2212
U.S. DOT Description: R.Q. Na2212, Asbestos, 9, Pgiii
Non-Hazardous Waste Description: Not reported
Number of Containers: 11
Container Type Code: BA
Container Type Description: Burlap, cloth, paper, or plastic bags
Waste Quantity: 1
Quantity Unit of Measure Code: Y
Quantity Unit of Measure Description: Cubic Yards
Waste Quantity, in Tons: 0.84
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.84
Waste Quantity, in Kilograms: 761.9052
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 761.9052
Management Method Code: H132
Management Method Description: LANDFILL (WITH PRIOR TREATMENT AND/OR STABILIZATION)
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

I78 **VIKING COMMODITY INC** **RCRA NonGen / NLR** **1025869829**
North **2851 ALVARADO ST** **E MANIFEST** **CAL000417148**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.214 mi.
1130 ft. **Site 8 of 9 in cluster I**

Relative: **Higher**
Actual: **39 ft.**

RCRA Listings:
Date Form Received by Agency: 20160516
Handler Name: Viking Commodity Inc
Handler Address: 2851 Alvarado St
Handler City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAL000417148
Contact Name: DAVID BRAY
Contact Address: 2851 ALVARADO ST
Contact City,State,Zip: SAN LEANDRO, CA 94577-0000
Contact Telephone: 925-525-1354
Contact Fax: 510-878-9551
Contact Email: DAVEB656@GMAIL.COM

VIKING COMMODITY INC (Continued) **1025869829**

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:	2851 ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Viking Commodity Inc
Owner Type:	Other
Operator Name:	David Bray
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:	Yes
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20190628
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

VIKING COMMODITY INC (Continued) **1025869829**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: VIKING COMMODITY INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2851 ALVARADO ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577
Owner/Operator Telephone: 925-525-1354
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID BRAY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2851 ALVARADO ST
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94577-0000
Owner/Operator Telephone: 925-525-1354
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160516
Handler Name: VIKING COMMODITY INC
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: 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

E MANIFEST:
Manifest Tracking Number: 007858774SKS
Last Updated Date: 20210310
Shipped Date: 20210129

VIKING COMMODITY INC (Continued) **1025869829**

Received Date:	20210218
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Viking Commodity INC
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	008034481SKS
Last Updated Date:	20210622
Shipped Date:	20210526
Received Date:	20210527
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577

VIKING COMMODITY INC (Continued) **1025869829**

Generator Mail State:	CA
Generator Contact Company Name:	Viking Commodity INC
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Clean Harbors San Jose Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	006980499SKS
Last Updated Date:	20190912
Shipped Date:	20190402
Received Date:	20190410
Manifest Status:	Corrected
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD059494310
Designated Facility Name:	Not reported
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	1021 Berryessa Road
Designated Facility Mail City:	San Jose
Designated Facility Mail Zip:	95133
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	1021 Berryessa Road
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	San Jose
Designated Facility Location Zip:	95133
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Clean Harbors San Jose LLC

VIKING COMMODITY INC (Continued) **1025869829**

Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007536679SKS
Last Updated Date:	20200720
Shipped Date:	20200618
Received Date:	20200630
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Viking Commodity INC
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	007536798SKS
Last Updated Date:	20200722
Shipped Date:	20200622
Received Date:	20200702
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA

VIKING COMMODITY INC (Continued) **1025869829**

Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Viking Commodity INC
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2247 South Highway 71
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	Kimball
Designated Facility Location Zip:	69145
Designated Facility Location State:	NE
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	007759201SKS
Last Updated Date:	20201101
Shipped Date:	20200915
Received Date:	20201009
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000417148
Generator Name:	Viking Commodity Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2851 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2851 Alvarado St
Generator Mail Street 2:	Not reported
Generator Mail City:	San Leandro
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Viking Commodity INC
Designated Facility EPA ID:	NED981723513
Designated Facility Name:	Clean Harbors Environmental Services, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2247 South Highway 71
Designated Facility Mail City:	Kimball
Designated Facility Mail Zip:	69145
Designated Facility Mail State:	NE
Designated Facility Location Street Number:	Not reported

VIKING COMMODITY INC (Continued) **1025869829**

Designated Facility Location Street 1: 2247 South Highway 71
Designated Facility Location Street 2: Not reported
Designated Facility Location City: Kimball
Designated Facility Location Zip: 69145
Designated Facility Location State: NE
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:
Manifest Tracking Number: 007759201SKS
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 741
State Waste: Liquids with halogenated organic compounds >= 1000 mg/l

Manifest Tracking Number: 007759201SKS
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 741
State Waste: Liquids with halogenated organic compounds >= 1000 mg/l

Transporter:
Manifest Tracking Number: 007759201SKS
Transporter Line Number: 1
Transporter EPA ID: TXR000081205
Transporter Name: Safety-Kleen Systems, Inc.

Manifest Tracking Number: 007759201SKS
Transporter Line Number: 2
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Manifest Tracking Number: 007759201SKS
Transporter Line Number: 3
Transporter EPA ID: MAD039322250
Transporter Name: Clean Harbors Environmental Services, Inc.

Waste Line:
Manifest Tracking Number: 007759201SKS
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: NONE, NON-RCRA HAZARDOUS WASTE, LIQUIDS, N/A, NONE
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 400
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.2
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.2
Waste Quantity, in Kilograms: 181.406
Acute Waste Quantity, in Kilograms: 0

VIKING COMMODITY INC (Continued) **1025869829**

Non-Acute Waste Quantity, in Kilorgrams:	181.406
Management Method Code:	H040
Management Method Description:	INCINERATION
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Manifest Tracking Number:	007759201SKS
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONE, NON-RCRA HAZARDOUS WASTE, LIQUIDS (REFRIGERANT OIL WITH FREON AND LOW WATER), N/A, NONE
Number of Containers:	3
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	1200
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.6
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.6
Waste Quantity, in Kilograms:	544.218
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	544.218
Management Method Code:	H040
Management Method Description:	INCINERATION
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

H79 **THE COLLISION CENTER SAN LEANDRO** **RCRA-SQG** **1001111688**
WNW **2763 TEAGARDEN ST** **CAR000012260**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.218 mi.
1150 ft. **Site 9 of 13 in cluster H**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20000525
Handler Name:	The Collision Center San Leandro
Handler Address:	2763 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAR000012260
Contact Name:	DOUGLAS HARRIS
Contact Address:	2763 TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94578
Contact Telephone:	510-351-1080
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:	2763 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94578
Owner Name:	The Ford Store
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
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:	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:	D005
Waste Description:	Barium
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D008
Waste Description:	Lead
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 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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

These Spent Solvents And Spent Solvent Mixtures.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: THE FORD STORE	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13889 E 14TH ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-352-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20000525
Handler Name:	THE COLLISION CENTER SAN LEANDRO
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

Has the Facility Received Notices of Violations:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20011206
Actual Return to Compliance Date:	20020104
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	20011224
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

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: 20011206
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 501
Date of Enforcement Action: 20011224
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 - General

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Date Violation was Determined:	20001030
Actual Return to Compliance Date:	20020104
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20001030
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:	20011206
Actual Return to Compliance Date:	20020104
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20011206
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

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: 20001030
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20001030
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Date Violation was Determined:	20011206
Actual Return to Compliance Date:	20020104
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	20040630
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:	SINGLE SITE CA/FO
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:	11000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	16000

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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

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: 20001030
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20040630
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: SINGLE SITE CA/FO
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: 11000
Paid Amount: Not reported
Final Count: 1
Final Amount: 16000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Date Violation was Determined: 20011206
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 20040317
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: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
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: 20001030
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 20001130
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

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
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Date Violation was Determined: 20011206
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 20011206
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 - General
Date Violation was Determined: 20001030
Actual Return to Compliance Date: 20020104
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 20001130
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

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

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

Evaluation Action Summary:
Evaluation Date: 20011206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20020104
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: 20011206
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20020104
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: 20001030
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20020104
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: 20011206

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
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:	20001030
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
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:	20011206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
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:	20011206
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:	20001030
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Actual Return to Compliance Date:	20020104
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:	20011206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
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:	20001030
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
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:	20020104
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NO LONGER 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:	20011206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

THE COLLISION CENTER SAN LEANDRO (Continued) **1001111688**

Former Citation:	Not reported
Evaluation Date:	20001030
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	20020104
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

H80 **COOKS COLLISION OF SAN LEANDRO** **RCRA NonGen / NLR** **1024807252**
WNW **2763 TEAGARDEN ST** **E MANIFEST** **CAL000273474**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.218 mi.
1150 ft. **Site 10 of 13 in cluster H**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20030724
Handler Name:	Cooks Collision Of San Leandro
Handler Address:	2763 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000273474
Contact Name:	COURTNEY MORGAN-VOYCE
Contact Address:	2990 LAVA RIDGE COURT, SUITE 200
Contact City,State,Zip:	ROSEVILLE, CA 95661
Contact Telephone:	916-719-4193
Contact Fax:	916-786-2767
Contact Email:	CMORGAN-VOYCE@COOKSCOLLISION.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:	2990 LAVA RIDGE CT STE 200
Mailing City,State,Zip:	ROSEVILLE, CA 95661-0000
Owner Name:	Cooks Collision Inc
Owner Type:	Other
Operator Name:	Courtney Morgan-Voyce
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

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: COURTNEY MORGAN-VOYCE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2990 LAVA RIDGE COURT, SUITE 200
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661
Owner/Operator Telephone:	916-719-4193
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: COOKS COLLISION INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2990 LAVA RIDGE COURT STE 200
Owner/Operator City,State,Zip:	ROSEVILLE, CA 95661-0000
Owner/Operator Telephone:	916-786-2943
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20030724
Handler Name: COOKS COLLISION OF SAN LEANDRO
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: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 017344696JJK
Last Updated Date: 20190612
Shipped Date: 20180710
Received Date: 20180720
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Web
Generator EPA ID: CAL000273474
Generator Name: Cooks Collision Of San Leandro
Generator Location Street Number: Not reported
Generator Location Street 1: 2763 TEAGARDEN ST
Generator Location Street 2: Not reported
Generator Location City: SAN LEANDRO
Generator Location State: CA
Generator Location Zip: 94577
Generator Mail Street Number: Not reported
Generator Mail Street 1: 2990 LAVA RIDGE CT STE 200
Generator Mail Street 2: Not reported
Generator Mail City: ROSEVILLE
Generator Mail Zip: 95661-0000
Generator Mail State: CA
Generator Contact Company Name: Not reported
Designated Facility EPA ID: CAD008252405
Designated Facility Name: Pacific Resource Recovery
Designated Facility Mail Street Number: Not reported
Designated Facility Mail Street 1: Not reported
Designated Facility Mail Street 2: 3150 EAST PICO BLVD

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	017345070JJK
Last Updated Date:	20180928
Shipped Date:	20180719
Received Date:	20180802
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon, Inc.
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLES AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VERNON
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018154075JJK
Last Updated Date:	20190410
Shipped Date:	20180814
Received Date:	20180824

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Mail
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018154768JJK
Last Updated Date:	20181113
Shipped Date:	20181019
Received Date:	20181029
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018154769JJK
Last Updated Date:	20181126
Shipped Date:	20181019
Received Date:	20181030
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon, Inc.
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLES AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	VERNON
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Rejection Indicator:	N
Manifest Tracking Number:	018154770JJK
Last Updated Date:	20191008
Shipped Date:	20181019
Received Date:	20181029
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	018156904JJK
Last Updated Date:	20181020
Shipped Date:	20180911
Received Date:	20180924
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	Demenno/Kerdoon
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018156906JJK
Last Updated Date:	20181013
Shipped Date:	20180911
Received Date:	20180925
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000273474
Generator Name:	Cooks Collision Of San Leandro
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2990 LAVA RIDGE CT STE 200
Generator Mail Street 2:	Not reported
Generator Mail City:	ROSEVILLE
Generator Mail Zip:	95661-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Designated Facility Location Street 2: Not reported
Designated Facility Location City: LOS ANGELES
Designated Facility Location Zip: 90058-0000
Designated Facility Location State: CA
Designated Facility Contact Company Name: Not reported
Manifest Residue Indicator: N
Rejection Indicator: N

State Waste:
Manifest Tracking Number: 018156906JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 352
State Waste: Other organic solids

Manifest Tracking Number: 018156906JJK
Waste Line Number: 1
State Waste Code Owner: CA
State Waste Code: 352
State Waste: Other organic solids

Manifest Tracking Number: 018156906JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 352
State Waste: Other organic solids

Manifest Tracking Number: 018156906JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 352
State Waste: Other organic solids

Transporter:
Manifest Tracking Number: 018156906JJK
Transporter Line Number: 1
Transporter EPA ID: CAD028277036
Transporter Name: Asbury Environmental Services

Waste Line:
Manifest Tracking Number: 018156906JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non Hazardous Solid
Number of Containers: 1
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 100
Quantity Unit of Measure Code: P
Quantity Unit of Measure Description: Pounds
Waste Quantity, in Tons: 0.05
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.05
Waste Quantity, in Kilograms: 45.3515

COOKS COLLISION OF SAN LEANDRO (Continued) **1024807252**

Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	45.3515
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Manifest Tracking Number:	018156906JJK
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Hazardous Solid
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	200
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.1
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.1
Waste Quantity, in Kilograms:	90.703
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	90.703
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

H81 **RON ERICKSEN/CONTROLLER** **CERS HAZ WASTE** **S113173618**
WNW **2763 TEAGARDEN ST** **EMI** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94578** **HWTS**
0.218 mi. **HAZNET**
1150 ft. **Site 11 of 13 in cluster H**

Relative: Lower

Actual: 28 ft.

CERS HAZ WASTE:
Name: CALIBER COLLISION CENTERS - SAN LEANDRO - TEAGARDEN ST 1169
Address: 2763 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 107967
CERS ID: 10137997
CERS Description: Hazardous Waste Generator

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: All hazardous waste containers were kept closed. All waste manifests were available for review. All hazardous waste was properly stored.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-23-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-09-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS is up to date and kept current. All hazardous materials were properly stored. All compressed cylinders were chained and capped. All hazardous waste labeling was completed. All hazardous waste containers were kept closed. All waste manifests were available for review. All hazardous waste was properly stored. The operation was clean and well kept. The parking area was fairly clean and well kept. The dumpster lids were kept closed when waste was not being placed in them. No violations were observed at the time of the site inspection.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Coordinates:

Site ID:	107967
Facility Name:	Caliber Collision Centers - San Leandro - Teagarden St 1169
Env Int Type Code:	HWG
Program ID:	10137997
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	37.706110
Longitude:	-122.158560

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	Ali Kahl
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:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2763 Teagarden St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Christine Abad
Entity Title:	Not reported
Affiliation Address:	2018 Taylor Road
Affiliation City:	Roseville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95661
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Caliber Bodyworks Inc. dba Caliber Collision Centers California
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:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,
Affiliation Type Desc:	Operator
Entity Name:	CALIBER COLLISION CENTERS
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:	(510) 351-1080,
Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Purificacion
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	CALIBER BODYWORKS, LLC
Entity Title:	Not reported
Affiliation Address:	2941 Lake Vista Drive
Affiliation City:	Lewisville
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75067
Affiliation Phone:	(469) 948-9500,

EMI:

Name:	CALIBER COLLISION CENTER
Address:	2763 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2018
County Code:	1
Air Basin:	SF
Facility ID:	15580
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.589200023
Reactive Organic Gases Tons/Yr:	0.58207070272
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Name:	CALIBER COLLISION CENTER
Address:	2763 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2019
County Code:	1
Air Basin:	SF
Facility ID:	15580
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.589200023
Reactive Organic Gases Tons/Yr:	0.58207070272
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	CALIBER COLLISION CENTER
Address:	2763 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2020
County Code:	1
Air Basin:	SF
Facility ID:	15580
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.589200023
Reactive Organic Gases Tons/Yr:	0.58207070272
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	CALIBER COLLISION CENTER
Address:	2763 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2021
County Code:	1
Air Basin:	SF
Facility ID:	15580
Air District Name:	BA
SIC Code:	7532
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.556266016
Reactive Organic Gases Tons/Yr:	0.54953519721
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: CALIBER COLLISION CENTER
Address: 2763 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Year: 2022
County Code: 1
Air Basin: SF
Facility ID: 15580
Air District Name: BA
SIC Code: 7532
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.4798
Reactive Organic Gases Tons/Yr: 0.2539
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

HWTS:
Name: RON ERICKSEN/CONTROLLER
Address: 2763 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94578
EPA ID: CAR000012260
Inactive Date: 06/30/2004
Create Date: 06/20/1996
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1111 MARINA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770000
Owner Name: PAULUS ENTERPRISES INC
Owner Address: 2763 TEAGARDEN ST
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945775714
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: RON ERICKSEN/CONTROLLER
Contact Address: 2763 TEAGARDEN ST
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 37.706137
Longitude: -122.158519

NAICS:
EPA ID: CAR000012260
Create Date: 2002-03-14 16:36:30.000

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

NAICS Code: 811121
NAICS Description: Automotive Body, Paint, and Interior Repair and Maintenance
Issued EPA ID Date: 1996-06-20 00:00:00
Inactive Date: 2004-06-30 00:00:00
Facility Name: RON ERICKSEN/CONTROLLER
Facility Address: 2763 TEAGARDEN ST
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported
Facility State: CA
Facility Zip: 945780000

HAZNET:
Name: RON ERICKSEN/CONTROLLER
Address: 2763 TEAGARDEN ST
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945780000
Contact: RON ERICKSEN/CONTROLLER
Telephone: 5103474120
Mailing Name: Not reported
Mailing Address: 1111 MARINA BLVD

Year: 2001
Gepaid: CAR000012260
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: -
Tons: 0

Year: 2001
Gepaid: CAR000012260
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.072

Year: 2001
Gepaid: CAR000012260
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 2.1744

Year: 2000
Gepaid: CAR000012260
TSD EPA ID: CAD009452657
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: -
Tons: 0

Year: 2000
Gepaid: CAR000012260
TSD EPA ID: CAD009452657
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Year:	2000
Gepaid:	CAR000012260
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	3.78
Year:	1999
Gepaid:	CAR000012260
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	0.0576
Year:	1999
Gepaid:	CAR000012260
TSD EPA ID:	CAD009452657
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0
Year:	1999
Gepaid:	CAR000012260
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	3.5064
Year:	1998
Gepaid:	CAR000012260
TSD EPA ID:	CAD009452657
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	R01 - Recycler
Tons:	5.0868

Click this hyperlink while viewing on your computer to access
4 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:

Year:	2001
Gen EPA ID:	CAR000012260
Shipment Date:	20011016
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011017
Manifest ID:	21409766
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
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:	20010926
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011016
Manifest ID:	20702439
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000003707
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
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:	20010926
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010928
Manifest ID:	21408096
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0468
Waste Quantity:	13
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

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Shipment Date:	20010827
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010829
Manifest ID:	20932599
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
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:	20010803
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010808
Manifest ID:	20931170
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1584
Waste Quantity:	44
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:	20010717
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010719
Manifest ID:	20929964
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
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:	20010703
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010706
Manifest ID:	20929326
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
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:	20010620
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010627
Manifest ID:	20927667
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
Waste Quantity:	35
Quantity Unit:	G

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010605
Creation Date:	7/30/2001 0:00:00
Receipt Date:	20010608
Manifest ID:	20927136
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
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:	20010522
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010525
Manifest ID:	20926048
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
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 Information:

Year:	2000
Gen EPA ID:	CAR000012260

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Shipment Date:	20001226
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20608560
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1008
Waste Quantity:	28
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:	20001211
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001220
Manifest ID:	20606297
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0648
Waste Quantity:	18
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:	20001201
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001206
Manifest ID:	20433947
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1476
Waste Quantity:	41
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:	20001114
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001128
Manifest ID:	20433044
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
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:	20001031
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001101
Manifest ID:	20431339
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1332
Waste Quantity:	37
Quantity Unit:	G

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001016
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001030
Manifest ID:	20420209
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1296
Waste Quantity:	36
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:	20001002
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20001011
Manifest ID:	20416986
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.126
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:	20000919
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000926

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Manifest ID:	20269557
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
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:	20000905
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000907
Manifest ID:	20269050
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
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:	20000821
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000821
Manifest ID:	20268544
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1296
Waste Quantity:	36
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 Information:

Year:	1999
Gen EPA ID:	CAR000012260
Shipment Date:	19991229
Creation Date:	3/7/2000 0:00:00
Receipt Date:	19991229
Manifest ID:	99496077
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
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:	99496077
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1656
Waste Quantity:	46

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

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:	19991213
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991215
Manifest ID:	99495415
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
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:	19991213
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991215
Manifest ID:	99495415
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
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:	19991129
Creation Date:	2/15/2000 0:00:00

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Receipt Date:	19991201
Manifest ID:	99495241
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
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:	19991129
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991201
Manifest ID:	99495241
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
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:	19991117
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991119
Manifest ID:	99494523
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
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:	19991117
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991119
Manifest ID:	99494523
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1188
Waste Quantity:	33
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:	19991103
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991104
Manifest ID:	99494191
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991103
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991104
Manifest ID:	99494191
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1692
Waste Quantity:	47
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 Information:

Year:	1998
Gen EPA ID:	CAR000012260
Shipment Date:	19981222
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981223
Manifest ID:	98411078
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1152
Waste Quantity:	32
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:	19981215

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981217
Manifest ID:	98410838
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0504
Waste Quantity:	14
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:	19981209
Creation Date:	1/28/1999 0:00:00
Receipt Date:	19981211
Manifest ID:	98410467
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0864
Waste Quantity:	24
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:	19981201
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981203
Manifest ID:	98410268
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.054
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:	19981125
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981130
Manifest ID:	98410041
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1404
Waste Quantity:	39
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:	19981118
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981120
Manifest ID:	98409063
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981111
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19981112
Manifest ID:	98408700
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
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:	19981104
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19981106
Manifest ID:	98408440
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2232
Waste Quantity:	62
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:	19981027
Creation Date:	12/10/1998 0:00:00
Receipt Date:	19981030
Manifest ID:	98408118

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1656
Waste Quantity:	46
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:	19981019
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981019
Manifest ID:	98407888
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0648
Waste Quantity:	18
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 Information:

Year:	1997
Gen EPA ID:	CAR000012260

Shipment Date:	19971222
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971223
Manifest ID:	96782230
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1548
Waste Quantity:	43
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:	19971208
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971210
Manifest ID:	96780675
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
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:	19971129
Creation Date:	3/18/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	96780299
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.1548
Waste Quantity:	43
Quantity Unit:	G

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971125
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971126
Manifest ID:	96780299
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1548
Waste Quantity:	43
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:	19971111
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971111
Manifest ID:	96780017
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1512
Waste Quantity:	42
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:	19971029
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971031

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Manifest ID:	96779545
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1368
Waste Quantity:	38
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:	19971016
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971017
Manifest ID:	96701876
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
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:	19971001
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971001
Manifest ID:	96697774
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009452657
TSDF Alt Name:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1944
Waste Quantity:	54
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:	19970910
Creation Date:	3/18/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	96697632
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.1872
Waste Quantity:	52
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:	19970909
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970909
Manifest ID:	96697632
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1872
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Information:
Year: 1996
Gen EPA ID: CAR000012260

Shipment Date: 19961203
Creation Date: 5/21/1997 0:00:00
Receipt Date: 19961204
Manifest ID: 96559902
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1224
Waste Quantity: 34
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: 19961028
Creation Date: 5/21/1997 0:00:00
Receipt Date: 19961029
Manifest ID: 96556687
Trans EPA ID: CAD008252405
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD009452657
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.2124
Waste Quantity: 59
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: 19961028
Creation Date: 5/20/1997 0:00:00

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

Receipt Date:	19961030
Manifest ID:	96296850
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.036
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:	19961001
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961001
Manifest ID:	96299035
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.162
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:	19960904
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960906
Manifest ID:	96298457
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

RON ERICKSEN/CONTROLLER (Continued) **S113173618**

TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1728
Waste Quantity:	48
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:	19960805
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960806
Manifest ID:	96297662
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
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

H82 **CALIBER COLLISION CENTERS - TEAGARDEN ST.** **RCRA NonGen / NLR** **1025871501**
WNW **2763 TEAGARDEN ST** **E MANIFEST** **CAL000444616**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.218 mi.
1150 ft. **Site 12 of 13 in cluster H**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20190321
Handler Name:	Caliber Collision Centers
Handler Address:	2763 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000444616
Contact Name:	SHARON LAWRENCE
Contact Address:	401 E CORPORATE DR STE 150
Contact City,State,Zip:	LEWISVILLE, TX 75057
Contact Telephone:	469-948-9500
Contact Fax:	972-906-7214
Contact Email:	LICENSEANDPERMITS@CALIBERCOLLISION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

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:	401 E CORPORATE DR STE 150
Mailing City,State,Zip:	LEWISVILLE, TX 75057
Owner Name:	Caliber Bodyworks Inc
Owner Type:	Other
Operator Name:	Sharon Lawrence
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:	Yes
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20190628
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

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Owner/Operator Name: SHARON LAWRENCE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 401 E CORPORATE DR STE 150
Owner/Operator City,State,Zip: LEWISVILLE, TX 75057
Owner/Operator Telephone: 469-948-9500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CALIBER BODYWORKS INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 401 E CORPORATE DR STE 150
Owner/Operator City,State,Zip: LEWISVILLE, TX 75057
Owner/Operator Telephone: 469-948-9500
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190321
Handler Name: CALIBER COLLISION CENTERS
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: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 024039188JJK
Last Updated Date: 20230409
Shipped Date: 20220921
Received Date: 20221004
Manifest Status: Signed
Submission Type: DataImage5Copy

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 S BOYLE AVE
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 S BOYLE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	022723189JJK
Last Updated Date:	20210521
Shipped Date:	20210414
Received Date:	20210427
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	022723190JJK
Last Updated Date:	20210507
Shipped Date:	20210414
Received Date:	20210427
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 S BOYLE AVE
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 S BOYLE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Manifest Tracking Number:	021244524JJK
Last Updated Date:	20211230
Shipped Date:	20211210
Received Date:	20211220
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 S BOYLE AVE
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 S BOYLE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	021245473JJK
Last Updated Date:	20191227
Shipped Date:	20191209
Received Date:	20191217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	401 E CORPORATE DR STE 150

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Generator Mail Street 2:	Not reported
Generator Mail City:	LEWISVILLE
Generator Mail Zip:	75057
Generator Mail State:	TX
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	021246116JJK
Last Updated Date:	20200102
Shipped Date:	20191111
Received Date:	20191115
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	401 E CORPORATE DR STE 150
Generator Mail Street 2:	Not reported
Generator Mail City:	LEWISVILLE
Generator Mail Zip:	75057
Generator Mail State:	TX
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021246979JJK
Last Updated Date:	20200222
Shipped Date:	20200205
Received Date:	20200214
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	401 E CORPORATE DR STE 150
Generator Mail Street 2:	Not reported
Generator Mail City:	LEWISVILLE
Generator Mail Zip:	75057
Generator Mail State:	TX
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	021247211JJK
Last Updated Date:	20201215
Shipped Date:	20201110
Received Date:	20201124
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	021247212JJK
Last Updated Date:	20201203
Shipped Date:	20201110
Received Date:	20201120
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	401 E CORPORATE DR STE 150
Generator Mail Street 2:	Not reported
Generator Mail City:	LEWISVILLE
Generator Mail Zip:	75057
Generator Mail State:	TX
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	021247213JJK
Last Updated Date:	20201207
Shipped Date:	20201110
Received Date:	20201120
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	401 E CORPORATE DR STE 150
Generator Mail Street 2:	Not reported
Generator Mail City:	LEWISVILLE
Generator Mail Zip:	75057
Generator Mail State:	TX
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	3150
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	3150
Designated Facility Location Street 1:	EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	024034021JJK
Last Updated Date:	20220429
Shipped Date:	20220408
Received Date:	20220420
Manifest Status:	Signed

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000444616
Generator Name:	Caliber Collision Centers
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	5375 S BOYLE AVE
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	5375 S BOYLE AVE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	024036790JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Transporter:

Manifest Tracking Number:	024036790JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD028277036
Transporter Name:	World Oil Environmental Services

Waste Line:

Manifest Tracking Number:	024036790JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Hazardous Solid
Number of Containers:	2

CALIBER COLLISION CENTERS - TEAGARDEN ST. (Continued) **1025871501**

Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	250
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.125
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.125
Waste Quantity, in Kilograms:	113.37875
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	113.37875
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
53 additional US EManifest: record(s) in the EDR Site Report.

H83 **COOKS COLLISION, AN ABRA COMPANY-SLEA** **RCRA NonGen / NLR** **1024871204**
WNW **2763 TEAGARDEN ST** **E MANIFEST** **CAL000439848**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.218 mi.
1150 ft. **Site 13 of 13 in cluster H**

Relative:
Lower

Actual:
28 ft.

RCRA Listings:

Date Form Received by Agency:	20181015
Handler Name:	Cooks Collision, An Abra Company-Slea
Handler Address:	2763 Teagarden St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000439848
Contact Name:	MATT WOOD
Contact Address:	2763 TEAGARDEN ST
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	925-260-1243
Contact Fax:	Not reported
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

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

State District:	Not reported
Mailing Address:	2763 TEAGARDEN ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Abra Autobody And Glass Lp
Owner Type:	Other
Operator Name:	Matt Wood
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: MATT WOOD	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2763 TEAGARDEN ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Owner/Operator Telephone: 925-260-1243
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ABRA AUTOBODY AND GLASS LP
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 7225 NORTHLAND DR #210
Owner/Operator City,State,Zip: BROOKLYN PARK, MN 55428
Owner/Operator Telephone: 715-210-3792
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181015
Handler Name: COOKS COLLISION, AN ABRA COMPANY-SLEA
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: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 020370958JJK
Last Updated Date: 20190402
Shipped Date: 20190304
Received Date: 20190311
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAL000439848
Generator Name: Cooks Collision, An Abra Company-Slea
Generator Location Street Number: Not reported
Generator Location Street 1: 2763 TEAGARDEN ST
Generator Location Street 2: Not reported

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020370959JJK
Last Updated Date:	20191031
Shipped Date:	20190304
Received Date:	20190308
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020370964JJK
Last Updated Date:	20190330
Shipped Date:	20190304
Received Date:	20190311
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020376565JJK
Last Updated Date:	20191121
Shipped Date:	20190506
Received Date:	20190510
Manifest Status:	Signed
Submission Type:	DataImage5Copy

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Origin Type:	Web
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019240675JJK
Last Updated Date:	20190319
Shipped Date:	20190204
Received Date:	20190211
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019241010JJK
Last Updated Date:	20191112
Shipped Date:	20190109
Received Date:	20190118
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD008252405
Designated Facility Name:	Pacific Resource Recovery Services Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	CA90023 CA037US 3150
Designated Facility Mail Street 2:	3150 EAST PICO BLVD
Designated Facility Mail City:	LOS ANGELES
Designated Facility Mail Zip:	90023
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	3150 EAST PICO BLVD
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90023-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Manifest Tracking Number:	020368509JJK
Last Updated Date:	20190506
Shipped Date:	20190402
Received Date:	20190415
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	019239029JJK
Last Updated Date:	20190113
Shipped Date:	20181206
Received Date:	20181217
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000439848
Generator Name:	Cooks Collision, An Abra Company-Slea
Generator Location Street Number:	Not reported
Generator Location Street 1:	2763 TEAGARDEN ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2763 TEAGARDEN ST

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAD097030993
Designated Facility Name:	Us Ecology Vernon Inc
Designated Facility Mail Street Number:	5375
Designated Facility Mail Street 1:	CA90058 CA037US 5375
Designated Facility Mail Street 2:	5375 SOUTH BOYLE AVENUE
Designated Facility Mail City:	VERNON
Designated Facility Mail Zip:	90058
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	5375
Designated Facility Location Street 1:	5375 SOUTH BOYLE AVENUE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	LOS ANGELES
Designated Facility Location Zip:	90058-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	019239029JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Manifest Tracking Number:	019239029JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	352
State Waste:	Other organic solids

Transporter:

Manifest Tracking Number:	019239029JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD028277036
Transporter Name:	Asbury Environmental Services Dba World Oil Enviromental Services

Waste Line:

Manifest Tracking Number:	019239029JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non Hazardous Solid
Number of Containers:	2
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	150
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.075

COOKS COLLISION, AN ABRA COMPANY-SLEA (Continued) **1024871204**

Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.075
Waste Quantity, in Kilograms:	68.02725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	68.02725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

K84 **FREDERICK LOUIE** **RCRA NonGen / NLR** **1024767249**
SE **971 ARGUELLO DRIVE** **CAC002987124**
1/8-1/4 **SAN LEANDRO, CA 94579**
0.221 mi.
1169 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**

Actual: **28 ft.**

RCRA Listings:

Date Form Received by Agency:	20181030
Handler Name:	Frederick Louie
Handler Address:	971 Arguello Drive
Handler City,State,Zip:	SAN LEANDRO, CA 94579
EPA ID:	CAC002987124
Contact Name:	FREDERICK LOUIE
Contact Address:	971 ARGUELLO DRIVE
Contact City,State,Zip:	SAN LEANDRO, CA 94579
Contact Telephone:	510-483-6908
Contact Fax:	Not reported
Contact Email:	MELISA@ENV-REM.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:	971 ARGUELLO DRIVE
Mailing City,State,Zip:	SAN LEANDRO, CA 94579
Owner Name:	Frederick Louie
Owner Type:	Other
Operator Name:	Frederick Louie
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No

FREDERICK LOUIE (Continued) **1024767249**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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: FREDERICK LOUIE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	971 ARGUELLO DRIVE
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94579
Owner/Operator Telephone:	510-483-6908
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: FREDERICK LOUIE	
Legal Status:	Other
Date Became Current:	Not reported

FREDERICK LOUIE (Continued) **1024767249**

Date Ended Current: Not reported
Owner/Operator Address: 971 ARGUELLO DRIVE
Owner/Operator City,State,Zip: SAN LEANDRO, CA 94579
Owner/Operator Telephone: 510-483-6908
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181030
Handler Name: FREDERICK LOUIE
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

I85 **GEORGE OREN TIRE SPECIALIST INC** **RCRA NonGen / NLR** **1025869224**
North **2823 ALVARADO ST** **E MANIFEST** **CAL000402380**
1/8-1/4 **SAN LEANDRO, CA 94577**
0.228 mi.
1203 ft. **Site 9 of 9 in cluster I**

Relative:
Higher

Actual:
39 ft.

RCRA Listings:
Date Form Received by Agency: 20141119
Handler Name: George Oren Tire Specialist Inc
Handler Address: 2823 Alvarado St
Handler City,State,Zip: SAN LEANDRO, CA 94577-0000
EPA ID: CAL000402380
Contact Name: JOANNE ANDERSON
Contact Address: 2823 ALVARADO ST
Contact City,State,Zip: SAN LEANDRO, CA 94577
Contact Telephone: 510-351-9102
Contact Fax: 510-351-9123
Contact Email: ORENTIRE@PACBELL.NET
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

GEORGE OREN TIRE SPECIALIST INC (Continued) **1025869224**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2823 ALVARADO ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577-0000
Owner Name:	George Oren Tire Specialist Inc
Owner Type:	Other
Operator Name:	Joanne Anderson
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:	Yes
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20190628
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:	GEORGE OREN TIRE SPECIALIST INC
Legal Status:	Other

GEORGE OREN TIRE SPECIALIST INC (Continued) **1025869224**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2823 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577-0000
Owner/Operator Telephone:	510-351-9102
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: JOANNE ANDERSON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2823 ALVARADO ST
Owner/Operator City,State,Zip:	SAN LEANDRO, CA 94577
Owner/Operator Telephone:	510-351-9102
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20141119
Handler Name:	GEORGE OREN TIRE SPECIALIST INC
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:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	024039311JJK
Last Updated Date:	20220927
Shipped Date:	20220824
Received Date:	20220907
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000402380

GEORGE OREN TIRE SPECIALIST INC (Continued) **1025869224**

Generator Name:	George Oren Tire Specialist Inc
Generator Location Street Number:	Not reported
Generator Location Street 1:	2823 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2823 ALVARADO ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	020369580JJK
Last Updated Date:	20190510
Shipped Date:	20190404
Received Date:	20190415
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000402380
Generator Name:	George Oren Tires - 214004
Generator Location Street Number:	Not reported
Generator Location Street 1:	2823 ALVARADO ST
Generator Location Street 2:	Not reported
Generator Location City:	SAN LEANDRO
Generator Location State:	CA
Generator Location Zip:	94577
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2823 ALVARADO ST
Generator Mail Street 2:	Not reported
Generator Mail City:	SAN LEANDRO
Generator Mail Zip:	94577
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000

GEORGE OREN TIRE SPECIALIST INC (Continued) **1025869224**

Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	2000 N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	2000 N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	020369580JJK
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	223
State Waste:	Unspecified oil-containing waste

Transporter:

Manifest Tracking Number:	020369580JJK
Transporter Line Number:	1
Transporter EPA ID:	CAD028277036
Transporter Name:	Asbury Environmental Services Dba World Oil Enviromental Services

Waste Line:

Manifest Tracking Number:	020369580JJK
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NON-RCRA HAZARDOUS WASTE, LIQUID (BRAKE FLUID)
Number of Containers:	1
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.062552124
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.062552124
Waste Quantity, in Kilograms:	56.736656
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	56.736656
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported

GEORGE OREN TIRE SPECIALIST INC (Continued) **1025869224**

Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

L86 **AGRIBAG** **PFAS ECHO** **1027322274**
West **N/A**
1/8-1/4 **SAN LEANDRO, CA**
0.242 mi.
1276 ft. **Site 1 of 5 in cluster L**

Relative: PFAS ECHO:
Lower

Actual:
22 ft.

Name:	Agribag
Address:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Latitude:	37.70361
Longitude:	-122.16036
Count:	1
County:	ALAMEDA
Status:	Unknown
Region:	09
Industry:	Printing

ECHO Facility Report:

Facility Percent Minority:	77.16
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6580.37
EPA Programs:	CWA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805
Facility Derived CD113:	13
Facility Derived CB2010:	060014333002005
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N

AGRIBAG (Continued) **1027322274**

NPDES Flag:	Y
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	CAW405770
CWA Permit Types:	Non-M
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y

EJSCREEN Report:

M87 **S&S BUILDING SUPPLY** **UST FINDER RELEASE** **1029100925**
ENE **701 FREMONT** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.253 mi.
1335 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
36 ft.

UST FINDER RELEASE:

Object ID:	43102
Facility ID:	Not reported
Lust ID:	CAT0600101170
Name:	S&S BUILDING SUPPLY
Address:	701 FREMONT
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	988
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water

S&S BUILDING SUPPLY (Continued) **1029100925**

WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.14693
Y Coord:	37.70484
Latitude:	37.7048399999999
Longitude:	-122.146929999999

M88 **S & S BUILDING SUPPLY** **LUST** **S101580123**
ENE **701 FREMONT** **Alameda County CS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **SWEEPS UST**
0.253 mi. **CA FID UST**
1335 ft. **Site 2 of 2 in cluster M** **CHMIRS**
Cortese
Relative: **HIST CORTESE**
Higher **CERS**

Actual:
36 ft.

LUST:

Name:	S&S BUILDING SUPPLY
Address:	701 FREMONT
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101170
Latitude:	37.70521
Longitude:	-122.146899
Status:	Completed - Case Closed
Status Date:	01/11/1999
Case Worker:	Not reported
RB Case Number:	01-1273
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000826
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	02/10/1988
Leak Reported Date:	02/10/1988
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	01/11/1999

S & S BUILDING SUPPLY (Continued) **S101580123**

CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 81-85%
CA Enviroscreen 4 Score: 75-80%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600101170
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101170
Action Type: Other
Date: 02/10/1988
Action: Leak Reported

LUST:
Global Id: T0600101170
Status: Open - Case Begin Date
Status Date: 02/10/1988

Global Id: T0600101170
Status: Completed - Case Closed
Status Date: 01/11/1999

LUST REG 2:
Region: 2
Facility Id: 01-1273
Facility Status: Case Closed
Case Number: 4535
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/30/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Name: S&S BUILDING SUPPLY
Address: 701 FREMONT AVE

S & S BUILDING SUPPLY (Continued) **S101580123**

City,State,Zip: SAN LEANDRO, CA 94577
Status: Case Closed
Record Id: RO0000826
PE: 5602
Facility Status: Case Closed
Latitude: 37.703468941
Longitude: -122.14553937

SWEEPS UST:
Name: S & S BUILDING SUPPLY INC
Address: 701 FREMONT AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 3
Number: Not reported
Board Of Equalization: 44-001026
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-000003-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Name: S & S BUILDING SUPPLY INC
Address: 701 FREMONT AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 3
Number: Not reported
Board Of Equalization: 44-001026
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-000003-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01001390
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported

S & S BUILDING SUPPLY (Continued) **S101580123**

Mail To: Not reported
Mailing Address: 701 FREMONT AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CHMIRS:

Name:	Not reported
Address:	701 FREMONT
City,State,Zip:	SAN LEANDRO, CA 94545
OES Incident Number:	2-6610
OES notification:	12/05/2002
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:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2002
Agency:	PG&E

S & S BUILDING SUPPLY (Continued) **S101580123**

Incident Date:	12/4/200212:00:00 AM
Admin Agency:	San Leandro Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Merchant/Business
E Date:	Not reported
Substance:	mineral oil, non-PCB
Gallons:	80
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#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:	Truck turning a corner took out a pole with a transformer.

CORTESE:

Name:	S&S BUILDING SUPPLY
Address:	701 FREMONT
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101170
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

HIST CORTESE:

edr_fname:	S & S BUILDING SUPPLY
edr_fadd1:	701 FREMONT

S & S BUILDING SUPPLY (Continued) **S101580123**

City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1273

CERS:
Name: FOUNDATION BUILDING MATERIALS #354
Address: 701 FREMONT AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 2535
CERS ID: 10443682
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 2535
Site Name: Foundation Building Materials #354
Violation Date: 08-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to 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 08/11/2017. ER updated and resubmitted to CERS
Violation Division: San Leandro City
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 2535
Site Name: Foundation Building Materials #354
Violation Date: 08-11-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 08/11/2017. Map updated and resubmitted to CERS
Violation Division: San Leandro City
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Minor violations found during the inspection: 1. Map submitted to CERS

S & S BUILDING SUPPLY (Continued) **S101580123**

did not include all the required elements, 2. ER Plan was incorrect. It listed the wrong nearest hospital name and phone number. NOVs abated at time of inspection.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The last CERS Submittal was done 5/1/23. The hazardous materials inventory appears accurate. 1) Contact information needs to be updated along with information on the emergency response plan. - Completed on 8/31/23 2) The fire extinguisher by the propane tank needs to be unobstructed. Please clear materials from this location. - Completed and photos e-mailed 3) Keep the area around the propane tank clear. Remove empty fuel jugs and propane cylinders. - Completed and photos e-mailed 4) All fire extinguishers are due for certification by 9/1/23. 5) Keep dumpster lid closed when waste is not being placed in them.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 2535
Site Name: Foundation Building Materials #354
Site Address: 701 FREMONT AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 08-11-2017
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 Leandro City
Enf Action Program: HMRRP
Enf Action Source: CERS,

Coordinates:
Site ID: 2535
Facility Name: Foundation Building Materials #354
Env Int Type Code: HMBP
Program ID: 10443682
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 37.705140

S & S BUILDING SUPPLY (Continued) **S101580123**

Longitude: -122.146840

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	FOUNDATION BUILDING MATERIALS, LLC
Entity Title:	Not reported
Affiliation Address:	2520 Red Hill Ave
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92705
Affiliation Phone:	(714) 380-3127,

Affiliation Type Desc:	Parent Corporation
Entity Name:	FOUNDATION BUILDING MATERIALS
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:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	Victor Cervantes (Frog Environmental)
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:	,

Affiliation Type Desc:	Operator
Entity Name:	FOUNDATION BUILDING MATERIALS, 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:	(510) 614-8883,

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Julie Hoey
Entity Title:	Not reported
Affiliation Address:	701 Fremont Ave

S & S BUILDING SUPPLY (Continued) **S101580123**

Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 701 Fremont Ave
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Julie Hoey
Entity Title: Assistant Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: S&S BUILDING SUPPLY
Address: 701 FREMONT
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 863968
CERS ID: T0600101170
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

N89 **U. S. CAN COMPANY SITE** **RESPONSE** **S102002464**
North **2756 ALVARADO STREET** **ENVIROSTOR** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST Cal-Sites**
0.260 mi. **EMI**
1374 ft. **Site 1 of 4 in cluster N**

Relative: RESPONSE:
Higher Name: U. S. CAN COMPANY SITE
Address: 2756 ALVARADO STREET
Actual: City,State,Zip: SAN LEANDRO, CA 94577
39 ft. Facility ID: 01340117
Site Type: State Response

U. S. CAN COMPANY SITE (Continued) **S102002464**

Site Type Detail:	State Response or NPL
Acres:	7
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	200688
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/31/2006
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.70910
Longitude:	-122.1529
APN:	77B-800-14
Past Use:	MANUFACTURING - OTHER
Potential COC :	Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Potential Description:	OTH
Alias Name:	77B-800-14
Alias Type:	APN
Alias Name:	CAD009133117
Alias Type:	EPA Identification Number
Alias Name:	110002147105
Alias Type:	EPA (FRS #)
Alias Name:	200688
Alias Type:	Project Code (Site Code)
Alias Name:	01340117
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Well Decommissioning Report
Completed Date:	08/20/2018
Comments:	This letter documents the destruction of five monitoring wells (MW-1, MW-5, MW-6, MW-7, and MW-8) and the protection of one well (MW-2) at the Site. Monitoring well MW-6 was to be protected, however, well functionally was compromised. Monitoring well MW-6 was abandoned following the same procedures as to other wells. Following the completion of the redevelopment activities, the Site owner will consult with the DTSC regarding the replacement of well MW-6 and the rehabilitation of well MW-2.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	04/19/1996
Comments:	Issued I&SE Order to three Responsible Parties. The current owners

U. S. CAN COMPANY SITE (Continued) **S102002464**

and past owner/operators, US Can Company and the Sherwin Williams Company. The order requires investigation of the site which is within the San Leandro Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/31/2006
Comments: Based on the review of current and historical data, the site does not appear to currently have a source of hazardous substances which is contributing to groundwater contamination and does not appear to pose a current threat to human health or the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2017
Comments: Response to request to close unused wells at the US CAN Site. DTSC agrees to the proper closure of any well located on the Site with the exception of MW-2 and MW-6 which were sampled in 2014, and which DTSC needs to continue to use to monitor the regional groundwater plume known as the DWA Plume. DTSC will continue to periodically need access to these wells to collect groundwater elevation and samples for analysis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/28/1997
Comments: The highest upper zone TCE concentration was 440 ug/l. The highest lower zone TCE concentration was 630 ug/l, significantly lower than the 1989 concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/31/1996
Comments: Not reported

U. S. CAN COMPANY SITE (Continued) **S102002464**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/30/1989
Comments: PEA indicates soils and groundwater is contmaniated with VOCs and petrolium hydrocarbon and further investigation is required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/05/2020
Comments: MW-6R installed at an accessible area to allow DTSC to collect groundwater samples from the well, if necessary. MW-6R s above-ground surface completions met the 2014 DTSC Well Design and Construction for Monitoring Groundwater at Contaminated Sites. MW-2 was rehabilitated with flush mounted well box.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 03/26/2021
Comments: MW-2 rehabilitation and MW-6R installation survey data, and MW-6R completion report included. MW-6R installed at an accessible area at the Site. If necessary, DTSC may collect discrete groundwater samples from this well. MW-6R s above-ground surface completions met the 2014 DTSC Well Design and Construction for Monitoring Groundwater at Contaminated Sites. MW-2 rehabilitated with flush mounted well box.

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

ENVIROSTOR:
Name: U. S. CAN COMPANY SITE
Address: 2756 ALVARADO STREET
City,State,Zip: SAN LEANDRO, CA 94577
Facility ID: 01340117
Status: No Further Action
Status Date: 05/31/2006
Site Code: 200688
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 7
NPL: NO
Regulatory Agencies: SMBRP

U. S. CAN COMPANY SITE (Continued) **S102002464**

Lead Agency: SMBRP
Program Manager: Moises Carvalho
Supervisor: Karina Navarro
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.70910
Longitude: -122.1529
APN: 77B-800-14
Past Use: MANUFACTURING - OTHER
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Potential Description: OTH
Alias Name: 77B-800-14
Alias Type: APN
Alias Name: CAD009133117
Alias Type: EPA Identification Number
Alias Name: 110002147105
Alias Type: EPA (FRS #)
Alias Name: 200688
Alias Type: Project Code (Site Code)
Alias Name: 01340117
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 08/20/2018
Comments: This letter documents the destruction of five monitoring wells (MW-1, MW-5, MW-6, MW-7, and MW-8) and the protection of one well (MW-2) at the Site. Monitoring well MW-6 was to be protected, however, well functionally was compromised. Monitoring well MW-6 was abandoned following the same procedures as to other wells. Following the completion of the redevelopment activities, the Site owner will consult with the DTSC regarding the replacement of well MW-6 and the rehabilitation of well MW-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/19/1996
Comments: Issued I&SE Order to three Responsible Parties. The current owners and past owner/operators, US Can Company and the Sherwin Williams Company. The order requires investigation of the site which is within the San Leandro Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

U. S. CAN COMPANY SITE (Continued) **S102002464**

Completed Date: 05/31/2006
Comments: Based on the review of current and historical data, the site does not appear to currently have a source of hazardous substances which is contributing to groundwater contamination and does not appear to pose a current threat to human health or the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/30/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/04/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/16/2017
Comments: Response to request to close unused wells at the US CAN Site. DTSC agrees to the proper closure of any well located on the Site with the exception of MW-2 and MW-6 which were sampled in 2014, and which DTSC needs to continue to use to monitor the regional groundwater plume known as the DWA Plume. DTSC will continue to periodically need access to these wells to collect groundwater elevation and samples for analysis.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/28/1997
Comments: The highest upper zone TCE concentration was 440 ug/l. The highest lower zone TCE concentration was 630 ug/l, significantly lower than the 1989 concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/31/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/30/1989
Comments: PEA indicates soils and groundwater is contmaniated with VOCs and petrolium hydrocarbon and further investigation is required.

U. S. CAN COMPANY SITE (Continued) **S102002464**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/02/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/05/2020
Comments: MW-6R installed at an accessible area to allow DTSC to collect groundwater samples from the well, if necessary. MW-6R s above-ground surface completions met the 2014 DTSC Well Design and Construction for Monitoring Groundwater at Contaminated Sites. MW-2 was rehabilitated with flush mounted well box.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 03/26/2021
Comments: MW-2 rehabilitation and MW-6R installation survey data, and MW-6R completion report included. MW-6R installed at an accessible area at the Site. If necessary, DTSC may collect discrete groundwater samples from this well. MW-6R s above-ground surface completions met the 2014 DTSC Well Design and Construction for Monitoring Groundwater at Contaminated Sites. MW-2 rehabilitated with flush mounted well box.

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

Calsite:
Name: U. S. CAN COMPANY SITE
Address: 2756 ALVARADO STREET
City: SAN LEANDRO
Region: BERKELEY
Facility ID: 01340117
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 05091996
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 34
SIC Name: MANU - FABRICATED METAL PRODUCTS
Access: Controlled
Cortese: Not reported

U. S. CAN COMPANY SITE (Continued) **S102002464**

Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	JRANDENI
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	18
State Senate District Code:	10
Facility ID:	01340117
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	I&SE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04191996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	2756 ALVARADO STREET
Alternate City,St,Zip:	SAN LEANDRO, CA 94577
Background Info:	The site consists of a 130,000 square foot building on 7 acres of land. In 1957, Sherwin-Williams manufactured metal cans and containers. Solvents were used as part of that process. In 1983, the facility was sold to U. S. Can Company, who continued to use the same processes to manufacture metal cans and containers. U.S. Can Company added an aerosol can manufacturing operation. The manufacturing facility closed in 1989. The building is used for warehousing. Investigations found that both the soil and groundwater at the Site were contaminated with dichloroethane, dichloroethylene, and tetrachloroethylene. A limited soil hot spot was removed and a sump was closed in place. The site is located within a regional groundwater plume located in Central San Leandro. Groundwater contamination will be addressed as part of the regional plume (see site ID 01990002).
Comments Date:	04191996
Comments:	Issued I&SE Order to three Responsible Parties. The current
Comments Date:	04191996
Comments:	owners, Mr. & Mrs. Noel Yi; and past owner/operators, US Can

U. S. CAN COMPANY SITE (Continued) **S102002464**

Comments Date: 04191996
Comments: Company and the Sherwin Williams Company. The order requires
Comments Date: 04191996
Comments: investigation of the site which is within the San Leandro Plume.
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD009133117
ID Name: CALSTARS CODE
ID Value: 200688
Alternate Name: U. S. CAN COMPANY SITE
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

EMI:

Name:	US CAN COMPANY
Address:	2756 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	1386
Air District Name:	BA
SIC Code:	3411
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	93
Reactive Organic Gases Tons/Yr:	80
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

N90 **UNITED STATES CAN COMPANY** **Notify 65** **S118152750**
North **2756 ALVARADO** **N/A**
1/4-1/2 **SAN LEANDRO, CA 92584**
0.260 mi.
1374 ft. **Site 2 of 4 in cluster N**

Relative:
Higher

Actual:
39 ft.

NOTIFY 65:

Name:	UNITED STATES CAN COMPANY
Address:	2756 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

L91 **FACTOR AVENUE PLUME (NO.1465), SAN LEANDRO** **CA BOND EXP. PLAN** **S105960431**
West **1465 FACTOR AVENUE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.279 mi.
1472 ft. **Site 2 of 5 in cluster L**

Relative: **Lower**
Actual: **21 ft.**

CA BOND EXP. PLAN:

Reponsible Party:	DETAILED SITE EXPENDITURE PLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	Bond funds will be used to investigate and possibly remediate the site. DHS has elected to continue the hazardous waste investigation, in the vicinity of 1465 Factor Avenue, San Leandro, even though multiple PRPs may be present. Following the collection of definitive information concerning responsibility, DHS will pursue enforcement actions, recover its costs, and require the responsible parties to implement the RAP. This site has not been identified as an NPL site, nor does it appear to be a likely NPL candidate in the future. Therefore, it appears unlikely that federal funds are a viable source of revenue for this site.
Site Description:	The Factor Avenue site is a contaminated shallow aquifer.
Hazardous Waste Desc:	Chemicals found on the site include: cyanide at 120 parts per billion (ppb); 1-1-Dichloroethylene (DCE) at 524 ppb; and 1,1-and 1,2-Dichloroethane (DCA) at 7.4 and 4.8 ppb, respectively; trans 1-2-dichloroethylene at 2110 ppb; 1,1-trichloroethane at321 ppb; trichloroethylene (TCE) at 2215 ppb; tetrachloroethylene (PCE) at 263 ppb; benzene at 7.19 pp); and toluene at 2.0 ppb.
Threat To Public Health & Env:	Ground water is a pathway for contaminant migration. Numerous private wells present possible route of exposure to humans. Residents of San Leandro who have shallow wells on their property are potential receptors for exposure to contaminants in ground water. The residents of record owning wells have been advised of possible exposures, in the event affected wells are used for drinking water.
Site Activity Status:	The site is currently undergoing Phase II remedial investigation. Monitoring wells and stratigraphic borings will be installed. Following the Phase II work, DHS will prepare an intial endangerment assessment. East Bay MUD (EBMUD) has required the installation of back flow devices on all residences situated on parcels with water wells, whether or not the water is used for drinking.

L92 **LINCOLN PROPERTIES** **SEMS-ARCHIVE** **1003878814**
West **1465 FACTOR ST** **CAD981159064**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.279 mi.
1472 ft. **Site 3 of 5 in cluster L**

Relative: **Lower**
Actual: **21 ft.**

SEMS Archive:

Site ID:	0902255
EPA ID:	CAD981159064
Name:	LINCOLN PROPERTIES
Address:	1465 FACTOR ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Cong District:	09
FIPS Code:	06001
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09

LINCOLN PROPERTIES (Continued) **1003878814**

Site ID:	0902255
EPA ID:	CAD981159064
Site Name:	LINCOLN PROPERTIES
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-09-01 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902255
EPA ID:	CAD981159064
Site Name:	LINCOLN PROPERTIES
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1986-01-01 05:00:00
Finish Date:	1986-04-01 05:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902255
EPA ID:	CAD981159064
Site Name:	LINCOLN PROPERTIES
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-10-01 05:00:00
Finish Date:	1985-10-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902255
EPA ID:	CAD981159064
Site Name:	LINCOLN PROPERTIES
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-09-01 04:00:00
Qual:	Not reported

LINCOLN PROPERTIES (Continued) **1003878814**

Current Action Lead: EPA Perf In-Hse

L93 **SIMMONS - SOILS** **RESPONSE** **S102008255**
West **1465 FACTOR AVENUE/1700 FAIRWAY DRIVE** **ENVIROSTOR** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.279 mi.
1472 ft. **Site 4 of 5 in cluster L**

Relative: **Lower**
Actual: **21 ft.**

RESPONSE:

Name:	SIMMONS - SOILS
Address:	1465 FACTOR AVENUE/1700 FAIRWAY DRIVE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01730011
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	17
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	201080
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/06/2003
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.70308
Longitude:	-122.1596
APN:	77B-855-7-7, 77B-855-8-2
Past Use:	TRANSPORTATION - WAREHOUSING
Potential COC :	Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethane 1,1-Dichloroethylene 1,2-Dichloroethylene (cis
Confirmed COC:	Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethane 1,1-Dichloroethylene 1,2-Dichloroethylene (cis
Potential Description:	OTH
Alias Name:	1465 FACTOR AVENUE
Alias Type:	Alternate Name
Alias Name:	DISPLAYCO
Alias Type:	Alternate Name
Alias Name:	DYNAMIC WORLDWIDE
Alias Type:	Alternate Name
Alias Name:	FACTOR AVENUE PLUME
Alias Type:	Alternate Name
Alias Name:	FACTOR AVENUE PLUME - SOILS
Alias Type:	Alternate Name
Alias Name:	KAISER ALUMINUM COMPANY
Alias Type:	Alternate Name
Alias Name:	KAISER PACKAGING DIVISION
Alias Type:	Alternate Name
Alias Name:	LADY'S CHOICE FOODS

SIMMONS - SOILS (Continued) **S102008255**

Alias Type:	Alternate Name
Alias Name:	MACY MATTRESS
Alias Type:	Alternate Name
Alias Name:	SIMMONS COMPANY
Alias Type:	Alternate Name
Alias Name:	SIMMONS MANUFACTURING COMPANY, INC.
Alias Type:	Alternate Name
Alias Name:	SIMMONS MATTRESS COMPANY
Alias Type:	Alternate Name
Alias Name:	SIMMONS USA CORPORATION
Alias Type:	Alternate Name
Alias Name:	SLEEPER ASSOCIATED LIMITED PARTNERSHIP
Alias Type:	Alternate Name
Alias Name:	77B-855-7-7
Alias Type:	APN
Alias Name:	77B-855-8-2
Alias Type:	APN
Alias Name:	CAD073934176
Alias Type:	EPA Identification Number
Alias Name:	110033608497
Alias Type:	EPA (FRS #)
Alias Name:	P22083
Alias Type:	PCode
Alias Name:	201080
Alias Type:	Project Code (Site Code)
Alias Name:	01730011
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	05/29/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	11/01/1985
Comments:	The site was discovered in 1985 by Lincon Properties during a property transfer evaluation at 1465 Factor Avenue.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	03/11/1997
Comments:	ORDER - An Imminent and Substantial Endangement and Remedial Action Order was issued to Simmons Company and Orton Development.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/03/1989
Comments:	The presence of volatile organic compounds, particularly 1,l-dichloroethene (DCE), l,l,l-trichloroethane (TCA), TCE, and tetrachloroethene (PCE), in shallow groundwater was confirmed.

SIMMONS - SOILS (Continued) **S102008255**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/23/1987
Comments: The shallow groundwater is contaminated with volatile organic compounds.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/15/1987
Comments: 6 soil samples and 3 groundwater samples were analyzed for volatile organic compounds VOCs). VOCs detected in soil were below regulatory levels. The VOCs in groundwater which were above drinking water standards appear to coming from upgraident offsite source.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/01/1987
Comments: Investigations identified volatile organic compunds exceeding the California drinking water standards in the shallow groundwater. A review of the neighboring industries has revealed that chlorinated solvents have been used by adjacent businesses for many years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/01/1987
Comments: This soil gas investigation indicated that shallow groundwater contamination is widespread through the study area, but was inconclusive concerning the boundaries of the contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/06/2003
Comments: DTSC determined that no further action was needed at the site due to the declining concentrations of contaminants in groundwater. In April 2004, seventeen wells (on-site and off-site) were closed. The Site is located within a regional groundwater contamination problem located in the central area of the City of San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/03/1998
Comments: Investigation report completed. Low concentrations of dichloroethylene, trichloroethylene, and tetrachloroethylene were detected in soil. Groundwater contamination above the drinking water standards for dichloroethylene, trichloroethylene, and tetrachloroethylene was also detected in the onsite wells, both shallow and deeper, and the nearby wells south of the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

SIMMONS - SOILS (Continued) **S102008255**

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

ENVIROSTOR:
Name: SIMMONS - SOILS
Address: 1465 FACTOR AVENUE/1700 FAIRWAY DRIVE
City,State,Zip: SAN LEANDRO, CA 94577
Facility ID: 01730011
Status: No Further Action
Status Date: 10/06/2003
Site Code: 201080
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 17
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Moises Carvalho
Supervisor: Karina Navarro
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.70308
Longitude: -122.1596
APN: 77B-855-7-7, 77B-855-8-2
Past Use: TRANSPORTATION - WAREHOUSING
Potential COC: Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethane 1,1-Dichloroethylene 1,2-Dichloroethylene (cis
Confirmed COC: Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethane 1,1-Dichloroethylene 1,2-Dichloroethylene (cis
Potential Description: OTH
Alias Name: 1465 FACTOR AVENUE
Alias Type: Alternate Name
Alias Name: DISPLAYCO
Alias Type: Alternate Name
Alias Name: DYNAMIC WORLDWIDE
Alias Type: Alternate Name
Alias Name: FACTOR AVENUE PLUME
Alias Type: Alternate Name
Alias Name: FACTOR AVENUE PLUME - SOILS
Alias Type: Alternate Name
Alias Name: KAISER ALUMINUM COMPANY
Alias Type: Alternate Name
Alias Name: KAISER PACKAGING DIVISION
Alias Type: Alternate Name
Alias Name: LADY'S CHOICE FOODS
Alias Type: Alternate Name

SIMMONS - SOILS (Continued) **S102008255**

Alias Name:	MACY MATTRESS
Alias Type:	Alternate Name
Alias Name:	SIMMONS COMPANY
Alias Type:	Alternate Name
Alias Name:	SIMMONS MANUFACTURING COMPANY, INC.
Alias Type:	Alternate Name
Alias Name:	SIMMONS MATTRESS COMPANY
Alias Type:	Alternate Name
Alias Name:	SIMMONS USA CORPORATION
Alias Type:	Alternate Name
Alias Name:	SLEEPER ASSOCIATED LIMITED PARTNERSHIP
Alias Type:	Alternate Name
Alias Name:	77B-855-7-7
Alias Type:	APN
Alias Name:	77B-855-8-2
Alias Type:	APN
Alias Name:	CAD073934176
Alias Type:	EPA Identification Number
Alias Name:	110033608497
Alias Type:	EPA (FRS #)
Alias Name:	P22083
Alias Type:	PCode
Alias Name:	201080
Alias Type:	Project Code (Site Code)
Alias Name:	01730011
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	05/29/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	11/01/1985
Comments:	The site was discovered in 1985 by Lincon Properties during a property transfer evaluation at 1465 Factor Avenue.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	03/11/1997
Comments:	ORDER - An Imminent and Substantial Endangement and Remedial Action Order was issued to Simmons Company and Orton Development.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/03/1989
Comments:	The presence of volatile organic compounds, particularly 1,l-dichloroethene (DCE), l,l,l-trichloroethane (TCA), TCE, and tetrachloroethene (PCE), in shallow groundwater was confirmed.

SIMMONS - SOILS (Continued) **S102008255**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 10/23/1987
Comments: The shallow groundwater is contaminated with volatile organic compounds.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/15/1987
Comments: 6 soil samples and 3 groundwater samples were analyzed for volatile organic compounds VOCs). VOCs detected in soil were below regulatory levels. The VOCs in groundwater which were above drinking water standards appear to coming from upgraident offsite source.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/01/1987
Comments: Investigations identified volatile organic compunds exceeding the California drinking water standards in the shallow groundwater. A review of the neighboring industries has revealed that chlorinated solvents have been used by adjacent businesses for many years.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/01/1987
Comments: This soil gas investigation indicated that shallow groundwater contamination is widespread through the study area, but was inconclusive concerning the boundaries of the contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/06/2003
Comments: DTSC determined that no further action was needed at the site due to the declining concentrations of contaminants in groundwater. In April 2004, seventeen wells (on-site and off-site) were closed. The Site is located within a regional groundwater contamination problem located in the central area of the City of San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/03/1998
Comments: Investigation report completed. Low concentrations of dichloroethylene, trichloroethylene, and tetrachloroethylene were detected in soil. Groundwater contamination above the drinking water standards for dichloroethylene, trichloroethylene, and tetrachloroethylene was also detected in the onsite wells, both shallow and deeper, and the nearby wells south of the site.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

SIMMONS - SOILS (Continued) **S102008255**

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

L94 **SIMMONS - SOILS** **HIST CORTESE** **S103065331**
West **1465 FACTOR AVENUE/1700 FAIRWA** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.279 mi.
1472 ft. **Site 5 of 5 in cluster L**

Relative: HIST CORTESE:
Lower

edr_fname:	SIMMONS - SOILS
edr_fadd1:	1465 FACTOR AVENUE/1700 FAIRWA
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01730011

Actual:
21 ft.

O95 **BONAIR AUTO REPAIR** **LUST** **S102425532**
SSW **1380 OTTAWA ST** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.280 mi. **CERS**
1476 ft. **Site 1 of 2 in cluster O**

Relative: LUST:
Lower

Name:	BONAIR AUTO REPAIR
Address:	1380 OTTAWA ST
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Actual:
19 ft.

Geo Track:

Global Id:	T0600101824
Latitude:	37.6991324
Longitude:	-122.1572308
Status:	Completed - Case Closed
Status Date:	09/22/1997
Case Worker:	UNK
RB Case Number:	01-1974
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1974
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/09/1991
Leak Reported Date:	12/09/1991
How Discovered:	Tank Closure
How Discovered Description:	Not reported

BONAIR AUTO REPAIR (Continued) **S102425532**

Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/22/1997
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	70-75%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101824
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101824
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101824
Action Type:	Other
Date:	12/09/1991
Action:	Leak Discovery

Global Id:	T0600101824
Action Type:	ENFORCEMENT
Date:	09/11/1997
Action:	Closure Summary

Global Id:	T0600101824
Action Type:	RESPONSE
Date:	12/17/1991
Action:	Unauthorized Release Form

Global Id:	T0600101824
Action Type:	Other
Date:	12/09/1991
Action:	Leak Reported

Global Id:	T0600101824
Action Type:	Other

BONAIR AUTO REPAIR (Continued) **S102425532**

Date: 12/09/1991
Action: Leak Stopped

Global Id: T0600101824
Action Type: RESPONSE
Date: 09/14/1994
Action: Unauthorized Release Form

Global Id: T0600101824
Action Type: RESPONSE
Date: 04/01/1996
Action: Correspondence

LUST:
Global Id: T0600101824
Status: Open - Case Begin Date
Status Date: 12/09/1991

Global Id: T0600101824
Status: Open - Site Assessment
Status Date: 07/15/1993

Global Id: T0600101824
Status: Completed - Case Closed
Status Date: 09/22/1997

LUST REG 2:
Region: 2
Facility Id: 01-1974
Facility Status: Case Closed
Case Number: 01-1974
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/15/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: BONAIR AUTO REPAIR
Address: 1380 OTTAWA ST
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101824
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported

BONAIR AUTO REPAIR (Continued) **S102425532**

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

HIST CORTESE:

edr_fname:	BONAIR AUTO REPAIR
edr_fadd1:	1380 OTTAWA
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1974

CERS:

Name:	BONAIR AUTO REPAIR
Address:	1380 OTTAWA ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	870430
CERS ID:	T0600101824
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

O96 **BONAIR AUTO REPAIR** **UST FINDER RELEASE** **1028926108**
SSW **1380 OTTAWA ST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.280 mi.
1476 ft. **Site 2 of 2 in cluster O**

Relative: **Lower**
Actual: **19 ft.**

UST FINDER RELEASE:

Object ID:	42999
Facility ID:	Not reported
Lust ID:	CAT0600101824
Name:	BONAIR AUTO REPAIR
Address:	1380 OTTAWA ST
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2628
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15727
Y Coord:	37.69908
Latitude:	37.69908
Longitude:	-122.157269999999

N97 **BICOASTAL PROPERTIES** **UST FINDER RELEASE** **1028924576**
NNW **2711 ALVARADO** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.293 mi.
1549 ft. **Site 3 of 4 in cluster N**

Relative: **Higher**
Actual: **38 ft.**

UST FINDER RELEASE:

Object ID:	43019
Facility ID:	Not reported
Lust ID:	CAT0600100191
Name:	BICOASTAL PROPERTIES
Address:	2711 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action

BICOASTAL PROPERTIES (Continued) **1028924576**

Substance:	Not reported
Population within 1500ft:	66
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15441
Y Coord:	37.70885
Latitude:	37.7088499999999
Longitude:	-122.154409999999

N98 **BICOASTAL PROPERTIES** **LUST** **S103395982**
NNW **2711 ALVARADO ST** **Alameda County CS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **Cortese**
0.293 mi. **HIST CORTESE**
1549 ft. **Site 4 of 4 in cluster N** **CERS**

Relative:
Higher

Actual:
38 ft.

LUST:

Name:	BICOASTAL PROPERTIES
Address:	2711 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600100191
Latitude:	37.708754
Longitude:	-122.154728
Status:	Completed - Case Closed
Status Date:	11/27/1995
Case Worker:	Not reported
RB Case Number:	01-0205
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000982
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	YES
Quantity Released Gallons:	0

BICOASTAL PROPERTIES (Continued) **S103395982**

Begin Date:	05/15/1990
Leak Reported Date:	06/12/1990
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	11/27/1995
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100191
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600100191
Action Type:	ENFORCEMENT
Date:	10/23/1995
Action:	Other Report

Global Id:	T0600100191
Action Type:	ENFORCEMENT
Date:	10/23/1995
Action:	State Water Board - Closure Order

Global Id:	T0600100191
Action Type:	Other
Date:	06/12/1990
Action:	Leak Reported

Global Id:	T0600100191
Action Type:	ENFORCEMENT
Date:	01/18/1994
Action:	* Historical Enforcement - #UNK

Global Id:	T0600100191
Action Type:	REMEDIATION
Date:	05/15/1990
Action:	Excavation

LUST:

Global Id:	T0600100191

BICOASTAL PROPERTIES (Continued) **S103395982**

Status: Open - Case Begin Date
Status Date: 05/15/1990

Global Id: T0600100191
Status: Completed - Case Closed
Status Date: 11/27/1995

LUST REG 2:
Region: 2
Facility Id: 01-0205
Facility Status: Case Closed
Case Number: 4550
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 6/1/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Name: BICOASTAL PROPERTIES
Address: 2711 ALVARADO ST
City,State,Zip: SAN LEANDRO, CA 94577
Status: Case Closed
Record Id: RO0000982
PE: 5602
Facility Status: Case Closed
Latitude: 37.708883574
Longitude: -122.15459174

CORTESE:
Name: BICOASTAL PROPERTIES
Address: 2711 ALVARADO
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100191
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

BICOASTAL PROPERTIES (Continued) **S103395982**

Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	BICOASTAL PROPERTIES
edr_fadd1:	2711 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0205

CERS:

Name:	BICOASTAL PROPERTIES
Address:	2711 ALVARADO
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	851456
CERS ID:	T0600100191
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

P99 **PENSKE TRUCK LEASING** **UST FINDER RELEASE** **1029090370**
NW **2709 TEAGARDEN** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.294 mi.
1550 ft. **Site 1 of 2 in cluster P**

Relative: **Lower**

Actual: **29 ft.**

UST FINDER RELEASE:

Object ID:	42955
Facility ID:	Not reported
Lust ID:	CAT0600100630
Name:	PENSKE TRUCK LEASING
Address:	2709 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	205
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported

PENSKE TRUCK LEASING (Continued) **1029090370**

SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15903
Y Coord:	37.7068800000001
Latitude:	37.7068799999999
Longitude:	-122.15903

P100 **PENSKE TRUCK LEASING COMPANY INC** **LUST** **S101580055**
NW **2709 TEAGARDEN ST** **Alameda County CS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **SWEEPS UST**
0.294 mi. **CA FID UST**
1550 ft. **Site 2 of 2 in cluster P** **Cortese**
HIST CORTESE
Relative: Lower **CERS**

Actual: 29 ft.

LUST:

Name:	PENSKE TRUCK LEASING
Address:	2709 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600100630
Latitude:	37.7066299
Longitude:	-122.159677
Status:	Completed - Case Closed
Status Date:	08/24/1999
Case Worker:	Not reported
RB Case Number:	01-0685
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0001195
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	07/17/1986
Leak Reported Date:	07/17/1986
How Discovered:	Other Means
How Discovered Description:	Not reported

PENSKE TRUCK LEASING COMPANY INC (Continued) **S101580055**

Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	08/24/1999
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100630
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600100630
Action Type:	Other
Date:	07/17/1986
Action:	Leak Reported
Global Id:	T0600100630
Action Type:	REMEDIATION
Date:	12/15/1989
Action:	Excavation

LUST:

Global Id:	T0600100630
Status:	Open - Case Begin Date
Status Date:	07/17/1986
Global Id:	T0600100630
Status:	Completed - Case Closed
Status Date:	08/24/1999

LUST REG 2:

Region:	2
Facility Id:	01-0685
Facility Status:	Case Closed
Case Number:	732
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST

PENSKE TRUCK LEASING COMPANY INC (Continued) **S101580055**

Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 3/26/1991
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Name: PENSKE TRUCK LEASING
Address: 2709 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Status: Case Closed
Record Id: RO0001195
PE: 5602
Facility Status: Case Closed
Latitude: 37.706828674
Longitude: -122.1591514

SWEEPS UST:
Name: WESTERN STATES OIL CO
Address: 2709 TEAGARDEN ST
City: SAN LEANDRO
Status: Active
Comp Number: 56586
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-19-91
Action Date: 09-21-92
Created Date: 02-29-88
Owner Tank Id: 1A
SWRCB Tank Id: 01-007-056586-000001
Tank Status: A
Capacity: 10000
Active Date: 02-19-91
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: 4

Name: WESTERN STATES OIL CO
Address: 2709 TEAGARDEN ST
City: SAN LEANDRO
Status: Active
Comp Number: 56586
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-19-91
Action Date: 09-21-92
Created Date: 02-29-88
Owner Tank Id: 1B
SWRCB Tank Id: 01-007-056586-000002
Tank Status: A
Capacity: 10000
Active Date: 02-19-92
Tank Use: M.V. FUEL
STG: P

PENSKE TRUCK LEASING COMPANY INC (Continued) **S101580055**

Content: LEADED
Number Of Tanks: Not reported

Name: WESTERN STATES OIL CO
Address: 2709 TEAGARDEN ST
City: SAN LEANDRO
Status: Active
Comp Number: 56586
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-19-91
Action Date: 09-21-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-056586-000003
Tank Status: A
Capacity: 20000
Active Date: 02-19-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: WESTERN STATES OIL CO
Address: 2709 TEAGARDEN ST
City: SAN LEANDRO
Status: Active
Comp Number: 56586
Number: 1
Board Of Equalization: Not reported
Referral Date: 02-19-91
Action Date: 09-21-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-056586-000004
Tank Status: A
Capacity: 10000
Active Date: 02-19-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01000808
Regulated By: UTNKA
Regulated ID: 00056586
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4158650767
Mail To: Not reported
Mailing Address: 2709 TEAGARDEN ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported

PENSKE TRUCK LEASING COMPANY INC (Continued) **S101580055**

NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: PENSKE TRUCK LEASING
Address: 2709 TEAGARDEN
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100630
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

HIST CORTESE:
edr_fname: PENSKE TRUCK LEASING COMP
edr_fadd1: 2709 TEAGARDEN
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0685

CERS:
Name: PENSKE TRUCK LEASING
Address: 2709 TEAGARDEN
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 904569
CERS ID: T0600100630
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported

PENSKE TRUCK LEASING COMPANY INC (Continued) **S101580055**

Affiliation Zip: Not reported
Affiliation Phone: ,

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101 **TRW** **CPS-SLIC** **S106717780**
NNW **820 ALADDIN AVE** **CERS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.300 mi.
1586 ft.

Relative:
Higher

Actual:
38 ft.

CPS-SLIC:

Name:	TRW
Address:	820 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	10/07/2022
Global Id:	SL0600185209
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.708557
Longitude:	-122.155071
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	01S0455
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Other Metal, Diesel, Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/03/2004
Leak Reported Date:	02/10/1994
How Discovered:	Site Assessment/Site Investigation
How Discovered Description:	soil investigation
Discharge Source:	Other
Discharge Cause:	Spill
Stop Method:	Change Operating Procedures, Other Means
Stop Description:	Excavated and dispose of impacted soil.
No Further Action Date:	10/07/2022
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Nelson Stud Welding leased the facility in 1965 to manufacture and distribute welding studs. In 1969, Nelson Stud Welding became a division of TRW. The welding studs were manufactured from low carbon steel and involved a lathing operation that generated waste products such as cutting oils and metal shavings which were stored in drums. Small quantities of solvents used to clean tools were stored in containers inside)the building. The former storage pen was used to

TRW (Continued) **S106717780**

store and maintain diesel generators as well as to store the drums containing cutting oils and metal shavings (Appendix A; Photograph 1). The storage pen was unpaved until 1988 when it was covered with asphalt. The drums were typically stored for several weeks before being transported off site by a recycler. During storage, cutting oil leaked from some of the drums onto the unpaved ground. In addition, diesel fuel was spilled during maintenance of the diesel generators. Drums were also stored along the eastern and southern fence lines. Minor spills may have occurred at these locations. The rear service yard may also have been used occasionally for storage of diesel generators and drums containing metal shavings. TRW ceased manufacturing operations in 1985 but continued using the site as a sales and distribution facility. In 1988, several inches of surface soil from the storage pen were excavated and transported off site and the pen was paved with asphalt. TRW vacated the facility in December 1993. The facility has been occupied by Bay Cryogenics, Inc. and L&L Lift, Inc. since May 1994. In August 1994, 478 tons of soil impacted with heavy range petroleum hydrocarbons was excavated and disposed offsite. Groundwater monitoring for four quarters provided confirmation that groundwater was not impacted with heavy range petroleum hydrocarbons. A Request for Case Closure for filed in 1995. Case closure letter was issued in 12/2/1996.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	TRW
Address:	820 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	847364
CERS ID:	SL0600185209
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Q102 **SAN LEANDRO USD** **LUST** **S101580126**
NW **1145 ALADDIN AVE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST UST**
0.316 mi. **CA FID UST**
1671 ft. **Site 1 of 2 in cluster Q** **Cortese**
HIST CORTESE
Relative: Higher **CERS**

Actual: 31 ft.

LUST:

Name:	SAN LEANDRO USD
Address:	1145 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF

SAN LEANDRO USD (Continued) **S101580126**

Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600101192
Latitude: 37.707795819
Longitude: -122.158315
Status: Completed - Case Closed
Status Date: 10/11/1995
Case Worker: UNK
RB Case Number: 01-1296
Local Agency: SAN LEANDRO, CITY OF
File Location: Not reported
Local Case Number: 01-1296
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: * Historical Geocode - Exact Address Match
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 02/20/1987
Leak Reported Date: 04/29/1987
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Physc / Mech Damage
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/11/1995
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 81-85%
CA Enviroscreen 4 Score: 75-80%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600101192
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101192
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

SAN LEANDRO USD (Continued) **S101580126**

LUST:
Global Id: T0600101192
Action Type: Other
Date: 04/29/1987
Action: Leak Discovery

Global Id: T0600101192
Action Type: Other
Date: 04/29/1987
Action: Leak Reported

Global Id: T0600101192
Action Type: RESPONSE
Date: 10/12/1995
Action: Request for Closure

Global Id: T0600101192
Action Type: Other
Date: 04/29/1987
Action: Leak Stopped

LUST:
Global Id: T0600101192
Status: Open - Case Begin Date
Status Date: 02/20/1987

Global Id: T0600101192
Status: Open - Site Assessment
Status Date: 02/20/1987

Global Id: T0600101192
Status: Completed - Case Closed
Status Date: 10/11/1995

LUST REG 2:
Region: 2
Facility Id: 01-1296
Facility Status: Case Closed
Case Number: 01-1296
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/20/1987
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: S.L.U.S.D.
Address: 1145 ALADDIN AVE

SAN LEANDRO USD (Continued) **S101580126**

City: SAN LEANDRO
Status: Active
Comp Number: 56756
Number: 4
Board Of Equalization: 44-001163
Referral Date: 07-16-91
Action Date: 07-16-91
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 01-007-056756-000003
Tank Status: A
Capacity: 10000
Active Date: 07-12-89
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

HIST UST:
Name: MAINTENANCE DEPARTMENT
Address: 1145 ALADDIN AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
File Number: 000362fb

URL:
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:

CA FID UST:
Facility ID: 01001410
Regulated By: UTNKA
Regulated ID: 00056756
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155773046
Mail To: Not reported
Mailing Address: 1145 ALADDIN AVE

SAN LEANDRO USD (Continued) **S101580126**

Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: SAN LEANDRO USD
Address: 1145 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101192
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

HIST CORTESE:
edr_fname: SAN LEANDRO USD
edr_fadd1: 1145 ALADDIN
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1296

CERS:
Name: SAN LEANDRO USD
Address: 1145 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 864445
CERS ID: T0600101192
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

SAN LEANDRO USD (Continued) **S101580126**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Q103 **SAN LEANDRO USD** **UST FINDER RELEASE** **1029101765**
NW **1145 ALADDIN AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.316 mi.
1671 ft. **Site 2 of 2 in cluster Q**

Relative: **Higher**

Actual: **31 ft.**

UST FINDER RELEASE:

Object ID:	42980
Facility ID:	Not reported
Lust ID:	CAT0600101192
Name:	SAN LEANDRO USD
Address:	1145 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	156
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode

SAN LEANDRO USD (Continued) **1029101765**

X Coord: -122.15837
Y Coord: 37.7075800000001
Latitude: 37.70758
Longitude: -122.15837

R104 **ALADDIN HEATING CORP** **RCRA-SQG** **1000185347**
NW **1111 ALADDIN AVE** **LUST** **CAD981984354**
1/4-1/2 **SAN LEANDRO, CA 94577** **SWEEPS UST**
0.322 mi. **HIST UST**
1698 ft. **Site 1 of 2 in cluster R** **CA FID UST**
FINDS
Relative: Higher **ECHO**
Cortese
Actual: 34 ft. **HIST CORTESE**
HWTS
HAZNET
CERS

RCRA Listings:

Date Form Received by Agency:	19870331
Handler Name:	Aladdin Heating Corp
Handler Address:	1111 Aladdin Ave
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD981984354
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1111 ALADDIN AVE
Contact City,State,Zip:	SAN LEANDRO, CA 94577
Contact Telephone:	415-357-6711
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
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:	2
Mailing Address:	1111 ALADDIN AVE
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	San Leandro Investmeant
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

ALADDIN HEATING CORP (Continued) **1000185347**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	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:	No
Manifest Broker:	No
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: SAN LEANDRO INVESTMEANT	
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:

ALADDIN HEATING CORP (Continued) **1000185347**

Receive Date:	19870331
Handler Name: ALADDIN HEATING 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:	23511
NAICS Description:	PLUMBING, HEATING, AND AIR-CONDITIONING CONTRACTORS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

LUST:

Name:	ALADDIN MECHANICAL
Address:	1111 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101783
Latitude:	37.7072179
Longitude:	-122.1592601
Status:	Completed - Case Closed
Status Date:	04/06/2004
Case Worker:	TT
RB Case Number:	01-1923
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Local Agency
Local Case Number:	01-1923
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	10/21/1991
Leak Reported Date:	11/01/1991
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported

ALADDIN HEATING CORP (Continued) **1000185347**

Stop Description:	Not reported
No Further Action Date:	04/06/2004
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101783
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101783
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	TIFFANY TREECE
Organization Name:	SAN LEANDRO, CITY OF
Address:	835 E14TH STREET
City:	SAN LEANDRO
Email:	ttreece@sanleandro.org
Phone Number:	Not reported

LUST:

Global Id:	T0600101783
Action Type:	ENFORCEMENT
Date:	04/06/2004
Action:	Clean Up Fund - Letter to RP

Global Id:	T0600101783
Action Type:	Other
Date:	10/21/1991
Action:	Leak Discovery

Global Id:	T0600101783
Action Type:	RESPONSE
Date:	09/10/2002
Action:	Other Report / Document

Global Id:	T0600101783
Action Type:	RESPONSE
Date:	02/29/2004
Action:	Well Installation Report

Global Id:	T0600101783
Action Type:	RESPONSE
Date:	04/28/1994
Action:	Correspondence

ALADDIN HEATING CORP (Continued) **1000185347**

Global Id: T0600101783
Action Type: ENFORCEMENT
Date: 05/30/2002
Action: Closure/No Further Action Letter

Global Id: T0600101783
Action Type: ENFORCEMENT
Date: 04/06/2004
Action: Closure/No Further Action Letter - #2198.17(RDB)

Global Id: T0600101783
Action Type: ENFORCEMENT
Date: 07/23/2004
Action: Other Report

Global Id: T0600101783
Action Type: Other
Date: 11/01/1991
Action: Leak Reported

Global Id: T0600101783
Action Type: RESPONSE
Date: 03/22/2004
Action: Request for Closure

Global Id: T0600101783
Action Type: RESPONSE
Date: 08/08/1994
Action: Well Installation Workplan

Global Id: T0600101783
Action Type: RESPONSE
Date: 03/08/1995
Action: Correspondence

Global Id: T0600101783
Action Type: RESPONSE
Date: 11/20/1991
Action: Unauthorized Release Form

Global Id: T0600101783
Action Type: ENFORCEMENT
Date: 12/30/1991
Action: Clean Up Fund - Letter to RP

Global Id: T0600101783
Action Type: Other
Date: 10/21/1991
Action: Leak Stopped

LUST:
Global Id: T0600101783
Status: Open - Case Begin Date
Status Date: 10/21/1991

Global Id: T0600101783
Status: Open - Site Assessment

ALADDIN HEATING CORP (Continued) **1000185347**

Status Date: 02/02/1994

Global Id: T0600101783
Status: Open - Remediation
Status Date: 10/08/2001

Global Id: T0600101783
Status: Completed - Case Closed
Status Date: 04/06/2004

LUST REG 2:
Region: 2
Facility Id: 01-1923
Facility Status: Post remedial action monitoring
Case Number: 01-1923
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/2/1994
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: 10/8/2001
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/2/1965

SWEEPS UST:
Name: ALADDIN MECHANICAL SERVICES
Address: 1111 ALADDIN AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 30276
Number: Not reported
Board Of Equalization: 44-001114
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-030276-000001
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Name: ALADDIN MECHANICAL SERVICES
Address: 1111 ALADDIN AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 30276
Number: Not reported
Board Of Equalization: 44-001114

ALADDIN HEATING CORP (Continued) **1000185347**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-007-030276-000002
Tank Status:	Not reported
Capacity:	3000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

HIST UST:

Name:	ALADDIN HEATING CORPORATION
Address:	1111 ALADDIN AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	00035cdb

URL:

Region:	STATE
Facility ID:	00000030276
Facility Type:	Other
Other Type:	CONTRACTOR
Contact Name:	R.M. TERRY
Telephone:	0000000000
Owner Name:	ALADDIN HEATING CORPORATION
Owner Address:	1111 ALADDIN AVENUE
Owner City,St,Zip:	SAN LEANDRO, CA 94577
Total Tanks:	0002

Tank Num:	001
Container Num:	#1 REGULAR
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	001
Container Num:	#1 REGULAR
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	001
Container Num:	#1 R-P
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	60
Container Construction Thickness:	X
Leak Detection:	Visual, Stock Inventor

ALADDIN HEATING CORP (Continued) **1000185347**

Tank Num:	001
Container Num:	#1 R-P
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	60
Container Construction Thickness:	X
Leak Detection:	Visual, Stock Inventor

Tank Num:	001
Container Num:	#1 R-P
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	60
Container Construction Thickness:	X
Leak Detection:	Visual, Stock Inventor

Tank Num:	001
Container Num:	2
Year Installed:	1979
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	/16 2
Leak Detection:	Visual

Tank Num:	001
Container Num:	2
Year Installed:	1979
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	/16 2
Leak Detection:	Visual

Tank Num:	001
Container Num:	2
Year Installed:	1979
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	/16 2
Leak Detection:	Visual

Tank Num:	001
Container Num:	#1 REGULAR
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	1
Year Installed:	1979

ALADDIN HEATING CORP (Continued) **1000185347**

Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	3/16
Leak Detection:	Visual

Tank Num:	002
Container Num:	#2 UNLEADE
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	#2 UNLEADE
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	1
Year Installed:	1979
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	3/16
Leak Detection:	Visual

Tank Num:	002
Container Num:	#2 UNLEADE
Year Installed:	1978
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED

ALADDIN HEATING CORP (Continued) **1000185347**

Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 002
Container Num: 1
Year Installed: 1979
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 3/16
Leak Detection: Visual

Tank Num: 002
Container Num: 2
Year Installed: 1981
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01002394
Regulated By: UTNKI
Regulated ID: 00030276
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 5103576711
Mail To: Not reported
Mailing Address: 1111 ALADDIN AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

FINDS:
Registry ID: 110002764802

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

ALADDIN HEATING CORP (Continued) **1000185347**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000185347
Registry ID:	110002764802
DFR URL:	
Name:	ALADDIN HEATING CORP
Address:	1111 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577

CORTESE:

Name:	ALADDIN MECHANICAL
Address:	1111 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101783
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

HIST CORTESE:

edr_fname:	ALADDIN MECHANICAL
edr_fadd1:	1111 ALADDIN
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1923

HWTS:

Name:	ALADDIN HEATING CORP
Address:	1111 ALADDIN AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD981984354
Inactive Date:	06/30/2007
Create Date:	07/03/1987

ALADDIN HEATING CORP (Continued) **1000185347**

Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	14721 CATALINA STREET
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN LEANDRO, CA
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KAREN MARTINEZ, OFFICE MANAGER
Contact Address:	14721 CATALINA STREET
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	37.707376
Longitude:	-122.158741

HAZNET:

Name:	ALADDIN HEATING CORP
Address:	1111 ALADDIN AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945770000
Contact:	KAREN MARTINEZ, OFFICE MANAGER
Telephone:	5106141210
Mailing Name:	Not reported
Mailing Address:	14721 CATALINA STREET
Year:	2005
Gepaid:	CAD981984354
TSD EPA ID:	CAL000161743
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	1.1259
Year:	2005
Gepaid:	CAD981984354
TSD EPA ID:	CAL000161743
CA Waste Code:	352 - Other organic solids
Disposal Method:	H01 - Transfer Station
Tons:	0.1
Year:	1988
Gepaid:	CAD981984354
TSD EPA ID:	CAD981388952
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.8428
Year:	1988
Gepaid:	CAD981984354
TSD EPA ID:	CAT000646117

ALADDIN HEATING CORP (Continued) **1000185347**

CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D99 - Disposal, Other
Tons:	4.4225
Year:	1987
Gepaid:	CAD981984354
TSD EPA ID:	CAT000646117
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	T01 - Treatment, Tank
Tons:	5.004

Additional Information:

Year:	2005
Gen EPA ID:	CAD981984354
Shipment Date:	20051130
Creation Date:	3/22/2006 18:32:45
Receipt Date:	20051130
Manifest ID:	24774646
Trans EPA ID:	CAR000007013
Trans Name:	CLEARWATER ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	ALVISO INDEPENDENT OIL
TSDF Alt EPA ID:	CAL000161743
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20051130
Creation Date:	1/3/2007 18:30:08
Receipt Date:	20051201
Manifest ID:	24547793
Trans EPA ID:	CAR000007013
Trans Name:	CLEARWATER ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000161743
Trans Name:	ALVISO INDEPENDENT OIL
TSDF Alt EPA ID:	CAL000161743
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1259
Waste Quantity:	270

ALADDIN HEATING CORP (Continued) **1000185347**

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: ALADDIN MECHANICAL
Address: 1111 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 850797
CERS ID: T0600101783
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TIFFANY TREECE - SAN LEANDRO, CITY OF
Entity Title: Not reported
Affiliation Address: 835 E14TH STREET
Affiliation City: SAN LEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

R105 **ALADDIN MECHANICAL** **UST FINDER RELEASE** **1028915228**
NW **1111 ALADDIN AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.322 mi.
1698 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
34 ft.

UST FINDER RELEASE:
Object ID: 43007
Facility ID: Not reported
Lust ID: CAT0600101783
Name: ALADDIN MECHANICAL
Address: 1111 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 95
Domestic Wells within 1500ft: 0
Land Use: Developed, High Intensity
Within SPA: No

ALADDIN MECHANICAL (Continued) **1028915228**

SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15642
Y Coord:	37.7084
Latitude:	37.7083999999999
Longitude:	-122.156419999999

S106 **SAN LEANDRO DISPOSAL** **SWF/LF** **S124825352**
NNE **610 ALADDIN AVE** **HWTS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.330 mi.
1741 ft. **Site 1 of 3 in cluster S**

Relative:
Higher

Actual:
43 ft.

SWF/LF (SWIS):

Name:	ALAMEDA COUNTY INDUSTRIES (SCTO)
Address:	610 ALADDIN AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	STATE
Facility ID:	01-AA-0291
SWIS Number:	01-AA-0291
Point of Contact:	Alyssa Williams
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Clean Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Leandro
Reporting Agency Legal Name:	County of Alameda
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Alameda
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Operator:

SWIS Number:	01-AA-0291
Site Name:	Alameda County Industries (SCTO)

SAN LEANDRO DISPOSAL (Continued) **S124825352**

Site Operational Status: Clean Closed
Site Type: Non-Disposal Only
Site Regulatory Status: Notification
Latitude: 37.70986
Longitude: -122.15128
Is Archived: Yes
Operator: Alameda County Industries
Started On: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (510) 375-7282
Street Address: 610 Aladdin Ave
Operator City: San Leandro
Operator State: CA
Operator Zip: 94577-4302

Owner:
SWIS Number: 01-AA-0291
Owner: County of Alameda
Owner Address: Alameda County Industries (SCTO) 610 Alladdin Avenue
Owner City: San Leandro
Owner State: CA
Owner Zip: 94577-4302
Site Name: Alameda County Industries (SCTO)
Site Operational Status: Clean Closed
Site Type: Non-Disposal Only
Site Regulatory Status: Notification
Latitude: 37.70986
Longitude: -122.15128
Is Archived: Yes
Started On: Not reported
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (510) 357-7282

Waste:
SWIS Number: 01-AA-0291
Site Name: Alameda County Industries (SCTO)
Activity: Sealed Containers Transfer Operation
Waste Type: Construction/demolition
Site Is Archived: Yes
Site Operational Status: Clean Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Alyssa Williams
Activity Is Archived: Yes
Activity Operational Status: Clean Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 01-AA-0291
Site Name: Alameda County Industries (SCTO)
Activity: Sealed Containers Transfer Operation

SAN LEANDRO DISPOSAL (Continued) **S124825352**

Waste Type: Food Wastes
Site Is Archived: Yes
Site Operational Status: Clean Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Alyssa Williams
Activity Is Archived: Yes
Activity Operational Status: Clean Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 01-AA-0291
Site Name: Alameda County Industries (SCTO)
Activity: Sealed Containers Transfer Operation
Waste Type: Green Materials
Site Is Archived: Yes
Site Operational Status: Clean Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Alyssa Williams
Activity Is Archived: Yes
Activity Operational Status: Clean Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 01-AA-0291
Site Name: Alameda County Industries (SCTO)
Activity: Sealed Containers Transfer Operation
Waste Type: Inert
Site Is Archived: Yes
Site Operational Status: Clean Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Alyssa Williams
Activity Is Archived: Yes
Activity Operational Status: Clean Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 01-AA-0291
Site Name: Alameda County Industries (SCTO)
Activity: Sealed Containers Transfer Operation
Waste Type: Mixed Municipal
Site Is Archived: Yes
Site Operational Status: Clean Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Alyssa Williams
Activity Is Archived: Yes
Activity Operational Status: Clean Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SAN LEANDRO DISPOSAL (Continued) **S124825352**

HWTS:

Name:	SAN LEANDRO DISPOSAL
Address:	610 ALADDIN AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000212663
Inactive Date:	11/15/2000
Create Date:	06/30/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	610 ALADDIN AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Name:	SAN LEANDRO DISPOSAL
Owner Address:	610 ALADDIN AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN LEANDRO, CA 945770000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	RICKY MALVEAUX
Contact Address:	INACT PER FAX OWNERSHIP CHANGE-BP
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945770000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.710452
Longitude:	-122.15129

S107 **ALAMEDA COUNTY INDUSTRIES** **SWF/LF** **S108197038**
NNE **610 ALADDIN AVE** **HAULERS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **CERS HAZ WASTE**
0.330 mi. **ICE**
1741 ft. **Site 2 of 3 in cluster S** **NPDES**
CIWQS
Relative: Higher **CERS**

Actual: 43 ft.

SWF/LF (SWIS):

Name:	ALAMEDA CO INDUSTRIES DIRECT TRANS. FAC.
Address:	610 ALADDIN AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	STATE
Facility ID:	01-AA-0290
SWIS Number:	01-AA-0290
Point of Contact:	Alyssa Williams
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

SWRCB Region:	San Francisco Bay
Local Government:	San Leandro
Reporting Agency Legal Name:	County of Alameda
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Alameda
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Permitted

Activity:

SWIS Number:	01-AA-0290
Site Name:	Alameda Co Industries Direct Trans. Fac.
Activity:	Large Volume Transfer/Processing Facility
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Monthly
Throughput:	412
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	802
Capacity Units:	Tons per day
Total Acreage:	2.2
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Alyssa Williams
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Alameda
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Leandro
Street Address:	610 Aladdin Avenue
City:	San Leandro
State:	CA
ZIP Code:	94577
Reporting Agency Legal Name:	County of Alameda
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Alameda
Enforcing Agency Department:	Department of Environmental Health

Operator:

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

SWIS Number:	01-AA-0290
Site Name:	Alameda Co Industries Direct Trans. Fac.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	37.7097
Longitude:	-122.15127
Is Archived:	No
Operator:	Alameda County Industries
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(510) 375-7282
Street Address:	610 Aladdin Ave
Operator City:	San Leandro
Operator State:	CA
Operator Zip:	94577-4302

Owner:

SWIS Number:	01-AA-0290
Owner:	Alameda County Industries
Owner Address:	610 Aladdin Ave
Owner City:	San Leandro
Owner State:	CA
Owner Zip:	94577
Site Name:	Alameda Co Industries Direct Trans. Fac.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	37.7097
Longitude:	-122.15127
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(510) 357-7282

Waste:

SWIS Number:	01-AA-0290
Site Name:	Alameda Co Industries Direct Trans. Fac.
Activity:	Large Volume Transfer/Processing Facility
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Alyssa Williams
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number: 01-AA-0290

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Site Name:	Alameda Co Industries Direct Trans. Fac.
Activity:	Large Volume Transfer/Processing Facility
Waste Type:	Mixed Municipal
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Alyssa Williams
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

HAULERS:

Name:	ALAMEDA COUNTY INDUSTRIES, INC.
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA
Facility ID:	1299348
Facility Phone:	(510) 357-7282
Business Email Address:	strousdale@alamedacountyindustries.com
Contact Person:	Sarah Trousdale
Mailing Address:	610 Aladdin Ave
Mailing City:	San Leandro
Mailing State:	CA
Mailing Zip:	94577
Mailing County:	Not reported
Mailing Phone:	(510) 346-8148
Current Status:	Active
Current Hauler Status:	Hauler-Registered
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	2003-12-16 12:44:08
Business Types:	Not reported

CERS HAZ WASTE:

Name:	ALAMEDA COUNTY INDUSTRIES
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	3876
CERS ID:	10123348
CERS Description:	Hazardous Waste Generator

ICE:

Envirostor ID:	3003874
Name:	ALAMEDA COUNTY INDUSTRIES
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAL000221557
Site Type:	INSPECTION
Facility Status:	No Action

Inspection:

Action Type:	Focused Compliance Inspection - Universal Waste Electronics Collector
Action Date:	11/07/2023
Violation Class:	Minor

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

RTC Date: 11/07/2023

NPDES:

Name:	ALAMEDA COUNTY INDUSTRIES
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
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:	2 01I015900
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/29/2000
Operator Name:	Alameda Cnty Industries
Operator Address:	610 Aladdin Ave
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	181149
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I015900
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/29/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Alameda Cnty Industries
Discharge Address:	610 Aladdin Ave
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

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
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Region:	2
Regulatory Measure ID:	181149
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I015900
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:	05/09/2008
Processed Date:	06/29/2000
Status:	Active
Status Date:	06/29/2000
Place Size:	2.83
Place Size Unit:	Acres
Contact:	Jillian Hogan
Contact Title:	Environmental Compliance Manager
Contact Phone:	510-357-7282
Contact Phone Ext:	Not reported
Contact Email:	jhogan@alamedacountyindustries.com
Operator Name:	Alameda Cnty Industries
Operator Address:	610 Aladdin Ave
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Jillian Hogan
Operator Contact Title:	Environmental Compliance Manager
Operator Contact Phone:	510-346-8148
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jhogan@alamedacountyindustries.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:	510-346-8148
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

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

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:	San Francisco Bay
Certifier:	Louie Pellegrini
Certifier Title:	President
Certification Date:	15-APR-15
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ALAMEDA COUNTY INDUSTRIES
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	181149
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I015900
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/29/2000
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	610 Aladdin Ave
Discharge Name:	Alameda Cnty Industries
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	181149
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I015900
Program Type:	Industrial

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/29/2000
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Alameda Cnty Industries
Discharge Address:	610 Aladdin Ave
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	181149
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I015900
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:	05/09/2008
Processed Date:	06/29/2000
Status:	Active
Status Date:	06/29/2000
Place Size:	2.83
Place Size Unit:	Acres
Contact:	Jillian Hogan
Contact Title:	Environmental Compliance Manager
Contact Phone:	510-357-7282
Contact Phone Ext:	Not reported
Contact Email:	jhogan@alamedacountyindustries.com
Operator Name:	Alameda Cnty Industries
Operator Address:	610 Aladdin Ave
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Jillian Hogan
Operator Contact Title:	Environmental Compliance Manager
Operator Contact Phone:	510-346-8148
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jhogan@alamedacountyindustries.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

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	510-346-8148
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:	San Francisco Bay
Certifier:	Louie Pellegrini
Certifier Title:	President
Certification Date:	15-APR-15
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	Alameda County Industries
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Alameda Cnty Industries
Agency Address:	610 Aladdin Ave, San Leandro, CA 94577
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I015900
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	06/29/2000
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:	2
Violations within 5 years:	2
Latitude:	37.709754
Longitude:	-122.151359

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

CERS:
Name: ALAMEDA COUNTY INDUSTRIES
Address: 610 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 3876
CERS ID: 10123348
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 3876
Site Name: Alameda County Industries
Violation Date: 07-02-2007
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit the 2006-2007 Annual Report by 7/1/07
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Violation Date: 01-01-2023
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit required Level Report by the Jan.1, 2023 due date
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Violation Date: 07-15-2020
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: late annual rept
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) All hazardous wastes in the vehicle shop looked good. All containers were in excellent condition, closed, within secondary containment, and properly labeled. (2) The used oil and the used antifreeze ASTs are within secondary containment metal troths. All other containers are in secondary containment or are on spill pallets. (3) All shop hazardous wastes are indoors. (4) The indoor household hazard waste area looked good. It is in the middle of the main building and covered. All containers were closed, in good condition, and properly labeled. (5) The outdoor household hazardous wastes are kept in three separate storage containers. All containers looked good, were closed, and properly labeled. (6) Maintenance shop and household hazardous wastes are shipped and tracked separately. (7) All hazardous waste receipts and shipping documents are retained locally for three

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

years. No hazardous waste violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The last CERS submission was on 2/25/14. The facility contact was made aware of the annual submission being due on 2/25/15. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste areas were neat and wastes were properly segregated. All hazardous waste containers were properly marked, secure, and in good condition. They are keeping manifests indefinitely. The area was cleaned and they are looking at the areas more than weekly. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) Their last CERS HMBP certification was on 4/30/21. They are eligible to recertify again next year if there are not any HMBP changes. However, they must make a full CERS HMBP submission in 2023. (2) There HMBP is fully developed, complete, and accurate. (3) All hazardous material storage was in good containers, closed, indoors, and properly labeled. No HMBP violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No changes. Their household collected hazardous waste is mostly in the center of the main processing building. Their site generated hazardous waste are mostly kept in the hazardous waste near the southeastern corner of their facility. The shop/maintenance area has the remaining site generated hazardous wastes. Most haz wastes are kept in ASTs, but there is also drained used oil drums. The containers were free of loose hazardous wastes. All containers were labeled and all generation start dates were filled out. They are maintaining hazardous waste area logs. They are keeping hazardous waste related records indefinitely. The facility contact has a spread she that she uses to tract all

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

hazardous waste shipments, TSDF arrivals, and receipt of of paperwork (TSDF signed manifest copies). No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 3/20/15; their next annual submittal is due by 3/20/16. The facility contact is fully aware of CERS and submittal requirements. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 8/18/16. It did not include an emergency response/contingency plan. The last plan submitted was on 2/23/16. The approved submissions had next reporting due dates of 2/23/17 to remind the business that a full CERS submission including the emergency response/contingency plan will be due by that date. This was also discussed with the facility contact and she acknowledge the requirement for future submissions. Note: her other facility located at 577 Aladdin Ave. San Leandro had an overdue emergency response contingency plan that was noted as a violation. The rest of the plan looked good and the emergency response/contingency plan also looked good. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste tanks are inspected daily and hazardous waste areas are inspected at least weekly. All hazardous waste labels were OK. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Household hazardous wastes are now kept outdoors in a separate hazardous material containment shed. There is another shed next to it that the site's hazardous wastes are kept in. Same storage practices in the two sheds. Wastes were all properly labeled and contained. They are keeping hazardous waste records indefinitely. They are still tracking all hazardous waste shipments to ensure they get all their

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

copies and that disposal is complete. They now about the reporting requirements if a manifest copy is late. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full HMBP CERS submittal was on 6/29/17. It is fully developed, complete, and accurate. The facility contact understands that they must make an annual submittal including all major elements. No violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 01-12-2023
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: Staff Enforcement Letter for Failure to submit required Level Report by the Jan.1, 2023 due date
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-21-2020
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: 1st NNC-AR
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 08-06-2007
Enf Action Type: Notice of Non-Compliance for Non-Filers
Enf Action Description: Notice of Non-Compliance for Non-Filers
Enf Action Notes: N/A
Enf Action Division: Water Boards
Enf Action Program: INDSTW

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Enf Action Source: SMARTS,

Coordinates:
Site ID: 3876
Facility Name: Alameda County Industries
Env Int Type Code: SMSWIND
Program ID: 204845
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.709754
Longitude: -122.151359

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Leandro City
Entity Title: Not reported
Affiliation Address: 835 East 14th Street
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94577
Affiliation Phone: (510) 577-3401,

Affiliation Type Desc: Document Preparer
Entity Name: Sarah Trousdale
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: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sarah Trousdale
Entity Title: Compliance Analyst
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Louie Pellegrini, Jr.
Entity Title: Not reported
Affiliation Address: 610 Aladdin Avenue
Affiliation City: San Leandro
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94577
Affiliation Phone: (510) 346-8139,

Affiliation Type Desc: Owner/Operator
Entity Name: Alameda Cnty Industries
Entity Title: Operator

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Affiliation Address:	610 Aladdin Ave
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	610 Aladdin Avenue
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Alameda County Industries
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:	(510) 357-7282,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sarah Trousdale
Entity Title:	Not reported
Affiliation Address:	610 Aladdin Avenue
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Alameda County Industries
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:	,
Name:	ALAMEDA COUNTY INDUSTRIES
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	3876
CERS ID:	204845
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	3876
Site Name:	Alameda County Industries

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Violation Date: 07-02-2007
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit the 2006-2007 Annual Report by 7/1/07
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Violation Date: 01-01-2023
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit required Level Report by the Jan.1, 2023 due date
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Violation Date: 07-15-2020
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: late annual rept
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) All hazardous wastes in the vehicle shop looked good. All containers were in excellent condition, closed, within secondary containment, and properly labeled. (2) The used oil and the used antifreeze ASTs are within secondary containment metal troths. All other containers are in secondary containment or are on spill pallets. (3) All shop hazardous wastes are indoors. (4) The indoor household hazard waste area looked good. It is in the middle of the main building and covered. All containers were closed, in good condition, and properly labeled. (5) The outdoor household hazardous wastes are kept in three separate storage containers. All containers looked good, were closed, and properly labeled. (6) Maintenance shop and household hazardous wastes are shipped and tracked separately. (7) All hazardous waste receipts and shipping documents are retained locally for three years. No hazardous waste violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The last CERS submission was on 2/25/14. The facility contact was made aware of the annual submission being due on 2/25/15. No violations

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: The hazardous waste areas were neat and wastes were properly segregated. All hazardous waste containers were properly marked, secure, and in good condition. They are keeping manifests indefinitely. The area was cleaned and they are looking at the areas more than weekly. No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: (1) Their last CERS HMBP certification was on 4/30/21. They are eligible to recertify again next year if there are not any HMBP changes. However, they must make a full CERS HMBP submission in 2023. (2) There HMBP is fully developed, complete, and accurate. (3) All hazardous material storage was in good containers, closed, indoors, and properly labeled. No HMBP violations were observed.
Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No changes. Their household collected hazardous waste is mostly in the center of the main processing building. Their site generated hazardous waste are mostly kept in the hazardous waste near the southeastern corner of their facility. The shop/maintenance area has the remaining site generated hazardous wastes. Most haz wastes are kept in ASTs, but there is also drained used oil drums. The containers were free of loose hazardous wastes. All containers were labeled and all generation start dates were filled out. They are maintaining hazardous waste area logs. They are keeping hazardous waste related records indefinitely. The facility contact has a spread she that she uses to tract all hazardous waste shipments, TSDF arrivals, and receipt of of paperwork (TSDF signed manifest copies). No violations were observed.
Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 3/20/15; their next annual submittal

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

is due by 3/20/16. The facility contact is fully aware of CERS and submittal requirements. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last CERS submittal was on 8/18/16. It did not include an emergency response/contingency plan. The last plan submitted was on 2/23/16. The approved submissions had next reporting due dates of 2/23/17 to remind the business that a full CERS submission including the emergency response/contingency plan will be due by that date. This was also discussed with the facility contact and she acknowledge the requirement for future submissions. Note: her other facility located at 577 Aladdin Ave. San Leandro had an overdue emergency response contingency plan that was noted as a violation. The rest of the plan looked good and the emergency response/contingency plan also looked good. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous waste tanks are inspected daily and hazardous waste areas are inspected at least weekly. All hazardous waste labels were OK. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Household hazardous wastes are now kept outdoors in a separate hazardous material containment shed. There is another shed next to it that the site's hazardous wastes are kept in. Same storage practices in the two sheds. Wastes were all properly labeled and contained. They are keeping hazardous waste records indefinitely. They are still tracking all hazardous waste shipments to ensure they get all their copies and that disposal is complete. They now about the reporting requirements if a manifest copy is late. No violations were observed.

Eval Division: San Leandro City
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-06-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Their last full HMBP CERS submittal was on 6/29/17. It is fully

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

developed, complete, and accurate. The facility contact understands that they must make an annual submittal including all major elements. No violations were observed.

Eval Division: San Leandro City
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 01-12-2023
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: Staff Enforcement Letter for Failure to submit required Level Report by the Jan.1, 2023 due date
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 07-21-2020
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: 1st NNC-AR
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 3876
Site Name: Alameda County Industries
Site Address: 610 ALADDIN AVE
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 08-06-2007
Enf Action Type: Notice of Non-Compliance for Non-Filers
Enf Action Description: Notice of Non-Compliance for Non-Filers
Enf Action Notes: N/A
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Coordinates:
Site ID: 3876
Facility Name: Alameda County Industries
Env Int Type Code: SMSWIND
Program ID: 204845
Coord Name: Not reported
Ref Point Type Desc: Unknown,
Latitude: 37.709754

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Longitude: -122.151359

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Leandro City
Entity Title:	Not reported
Affiliation Address:	835 East 14th Street
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	(510) 577-3401,

Affiliation Type Desc:	Document Preparer
Entity Name:	Sarah Trousdale
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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Sarah Trousdale
Entity Title:	Compliance Analyst
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Louie Pellegrini, Jr.
Entity Title:	Not reported
Affiliation Address:	610 Aladdin Avenue
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94577
Affiliation Phone:	(510) 346-8139,

Affiliation Type Desc:	Owner/Operator
Entity Name:	Alameda Cnty Industries
Entity Title:	Operator
Affiliation Address:	610 Aladdin Ave
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	610 Aladdin Avenue

ALAMEDA COUNTY INDUSTRIES (Continued) **S108197038**

Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Alameda County Industries
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:	(510) 357-7282,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sarah Trousdale
Entity Title:	Not reported
Affiliation Address:	610 Aladdin Avenue
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Alameda County Industries
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:	,

S108 **ALAMEDA COUNTY INDUSTRIES LLC** **PROC** **S121671069**
NNE **610 ALADDIN AVE** **CIWQS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.330 mi.
1741 ft. **Site 3 of 3 in cluster S**

Relative: PROC:
Higher

Actual:
43 ft.

Name:	ALAMEDA COUNTY INDUSTRIES LLC
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Reg Id:	Not reported
Cert Id:	PR318658.001
Organization Id:	Not reported
Organization Name:	Alameda County Industries Llc
Mailing Address:	610 Aladdin Ave
Mailing City:	San Leandro
Mailing State:	CA
Mailing Zip Code:	94577
Website:	Not reported
Email:	Not reported
Phone Number:	(510) 357-7282

ALAMEDA COUNTY INDUSTRIES LLC (Continued) **S121671069**

Rural:	N/A
Operation Begin Date:	01/03/2024
Aluminium:	Not reported
Glass:	Not reported
Plastic:	Not reported
Bimetal:	Not reported
Hours of Operation:	Mon - Sun Unknown

CIWQS:

Name:	San Leandro Disposal Inc
Address:	610 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	San Leandro Disposal Inc
Agency Address:	610 Aladdin Ave, San Leandro, CA 94577
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I015294
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/26/1999
Termination Date:	07/14/2000
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:	37.71038
Longitude:	-122.15157

T109 **TRANSCON LINES** **RESPONSE** **S101630334**
North **601 ALADDIN AVE** **ENVIROSTOR** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **LUST**
0.357 mi. **CERS HAZ WASTE**
1887 ft. **Site 1 of 4 in cluster T** **SWEEPS UST**
CA FID UST
Relative: **Cortese**
Higher **HIST CORTESE**
Actual: **CERS**
44 ft.

RESPONSE:

Name:	FORMER TRANSCON LINES
Address:	601 ALADDIN AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01470004
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	8.6
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program

TRANSCON LINES (Continued) **S101630334**

Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	201017
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/13/2002
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.71088
Longitude:	-122.1522
APN:	077A-0650-002-10, 077A-0650-003-12
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, VEHICLE MAINTENANCE
Potential COC :	Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description:	OTH, SOIL
Alias Name:	077A-0650-002-10
Alias Type:	APN
Alias Name:	077A-0650-003-12
Alias Type:	APN
Alias Name:	110033614630
Alias Type:	EPA (FRS #)
Alias Name:	201017
Alias Type:	Project Code (Site Code)
Alias Name:	01470004
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	11/07/1997
Comments:	Order issued to the current owners/operators.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	05/28/1992
Comments:	Phase I investigation identified the possible presence of hazardous materials at site and additional work was recommended.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/13/1995
Comments:	Five underground tanks were removed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/13/2002
Comments:	DTSC determined that no further action is needed at the site due to the declining concentrations in groundwater and because all potential

TRANSCON LINES (Continued) **S101630334**

sources have been removed from the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/28/1996
Comments: Underground tanks were removed, soil excavated and stockpiled on site, soil samples collected and analyzed for hydrocarbons and VOCs. The soil pile was areated and used as backfill. Groundwater sampling conducted in 4 wells. TCE and PCE were detected in groundwater up to 92 ug/l and 2200 ug/l respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/21/1999
Comments: VOCs were sampled in 4 on site wells and TCE was detected from 396 ug/l to 548 ug/l in the wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/01/1989
Comments: Soil and groundwater investigation conducted which found subsurface diesel and waste oil contamination at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/25/1993
Comments: The existing diesel underground storage tanks may have leaked. Approximately 3,000 cubic yards of diesel affected soil are present at the site. Groundwater at the site is contaminated with trichloroethylene which may be migrating from upgradient sites.

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

ENVIROSTOR:
Name: FORMER TRANSCON LINES
Address: 601 ALADDIN AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
Facility ID: 01470004
Status: No Further Action
Status Date: 03/13/2002
Site Code: 201017
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 8.6
NPL: NO

TRANSCON LINES (Continued) **S101630334**

Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Moises Carvalho
Supervisor: Karina Navarro
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.71088
Longitude: -122.1522
APN: 077A-0650-002-10, 077A-0650-003-12
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, VEHICLE MAINTENANCE
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: OTH, SOIL
Alias Name: 077A-0650-002-10
Alias Type: APN
Alias Name: 077A-0650-003-12
Alias Type: APN
Alias Name: 110033614630
Alias Type: EPA (FRS #)
Alias Name: 201017
Alias Type: Project Code (Site Code)
Alias Name: 01470004
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/07/1997
Comments: Order issued to the current owners/operators.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/28/1992
Comments: Phase I investigation identified the possible presence of hazardous materials at site and additional work was recommended.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/13/1995
Comments: Five underground tanks were removed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/13/2002
Comments: DTSC determined that no further action is needed at the site due to the declining concentrations in groundwater and because all potential sources have been removed from the site.

TRANSCON LINES (Continued) **S101630334**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/28/1996
Comments: Underground tanks were removed, soil excavated and stockpiled on site, soil samples collected and analyzed for hydrocarbons and VOCs. The soil pile was areated and used as backfill. Groundwater sampling conducted in 4 wells. TCE and PCE were detected in groundwater up to 92 ug/l and 2200 ug/l respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/21/1999
Comments: VOCs were sampled in 4 on site wells and TCE was detected from 396 ug/l to 548 ug/l in the wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/01/1989
Comments: Soil and groundwater investigation conducted which found subsurface diesel and waste oil contamination at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 06/25/1993
Comments: The existing diesel underground storage tanks may have leaked. Approximately 3,000 cubic yards of diesel affected soil are present at the site. Groundwater at the site is contaminated with trichloroethylene which may be migrating from upgradient sites.

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

LUST:
Name: TRANSCON LINES
Address: 601 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Lead Agency: SAN LEANDRO, CITY OF
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600101383
Latitude: 37.7091429
Longitude: -122.1545797
Status: Completed - Case Closed
Status Date: 03/22/2001
Case Worker: UNK

TRANSCON LINES (Continued) **S101630334**

RB Case Number:	01-1498
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1498
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	05/03/1989
Leak Reported Date:	05/03/1989
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	03/22/2001
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101383
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101383
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101383
Action Type:	ENFORCEMENT
Date:	03/21/2001
Action:	Closure/No Further Action Letter

Global Id:	T0600101383
Action Type:	Other
Date:	05/03/1989

TRANSCON LINES (Continued) **S101630334**

Action: Leak Discovery

Global Id: T0600101383
Action Type: RESPONSE
Date: 03/21/2001
Action: Request for Closure

Global Id: T0600101383
Action Type: RESPONSE
Date: 04/04/1995
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101383
Action Type: RESPONSE
Date: 07/08/1992
Action: Unauthorized Release Form

Global Id: T0600101383
Action Type: Other
Date: 05/03/1989
Action: Leak Reported

Global Id: T0600101383
Action Type: RESPONSE
Date: 03/05/2001
Action: Request for Closure

Global Id: T0600101383
Action Type: Other
Date: 05/03/1989
Action: Leak Stopped

LUST:
Global Id: T0600101383
Status: Open - Case Begin Date
Status Date: 05/03/1989

Global Id: T0600101383
Status: Open - Verification Monitoring
Status Date: 05/03/1989

Global Id: T0600101383
Status: Open - Site Assessment
Status Date: 06/07/1989

Global Id: T0600101383
Status: Open - Site Assessment
Status Date: 08/15/1989

Global Id: T0600101383
Status: Completed - Case Closed
Status Date: 03/22/2001

LUST REG 2:
Region: 2

TRANSCON LINES (Continued) **S101630334**

Facility Id: 01-1498
Facility Status: Case Closed
Case Number: 01-1498
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 6/7/1989
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 8/15/1989
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 1/1/1965

CERS HAZ WASTE:
Name: ACI BULKY STORAGE, SORTING & CNG FUELING STATION
Address: 601 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 89548
CERS ID: 10422481
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: TRANSCON LINES
Address: 601 ALADDIN AVE
City: SAN LEANDRO
Status: Active
Comp Number: 46480
Number: 9
Board Of Equalization: 44-001147
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: GASOLINE-3
SWRCB Tank Id: 01-007-046480-000001
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 3

Name: TRANSCON LINES
Address: 601 ALADDIN AVE
City: SAN LEANDRO
Status: Active
Comp Number: 46480
Number: 9
Board Of Equalization: 44-001147
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: DIESEL-#2
SWRCB Tank Id: 01-007-046480-000002

TRANSCON LINES (Continued) **S101630334**

Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: TRANSCON LINES
Address: 601 ALADDIN AVE
City: SAN LEANDRO
Status: Active
Comp Number: 46480
Number: 9
Board Of Equalization: 44-001147
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: DIESEL-#1
SWRCB Tank Id: 01-007-046480-000003
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01001617
Regulated By: UTNKA
Regulated ID: 00046480
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153522440
Mail To: Not reported
Mailing Address: 601 ALADDIN AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: TRANSCON LINES
Address: 601 ALADDIN AVE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101383
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

TRANSCON LINES (Continued) **S101630334**

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

HIST CORTESE:

edr_fname:	TRANSCON LINES
edr_fadd1:	601 ALADDIN
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1498

CERS:

Name:	TRANSCON LINES
Address:	601 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	880496
CERS ID:	T0600101383
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name: FORMER TRANSCON LINE

TRANSCON LINES (Continued) **S101630334**

Address: 601 ALADDIN AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 607441
CERS ID: 01470004
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: Karen Toth
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: ,

Affiliation Type Desc: Lead Project Manager
Entity Name: JAYANTHA RANDENI
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: ,

T110 **TRANSCON LINES** **Notify 65** **U000056606**
North **601 ALADIN AVENUE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 92584**
0.357 mi.
1887 ft. **Site 2 of 4 in cluster T**

Relative: **Higher**
Actual: **44 ft.**

NOTIFY 65:
Name: TRANSCON LINES
Address: 601 ALADIN AVENUE
City,State,Zip: SAN LEANDRO, CA 92584
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

T111 **TRANSCON LINES** **UST FINDER RELEASE** **1029120616**
North **601 ALADDIN AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.357 mi.
1887 ft. **Site 3 of 4 in cluster T**

Relative: **Higher**
Actual: **44 ft.**

UST FINDER RELEASE:

Object ID:	43042
Facility ID:	Not reported
Lust ID:	CAT0600101383
Name:	TRANSCON LINES
Address:	601 ALADDIN AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	StreetAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	59
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15237
Y Coord:	37.7101200000001
Latitude:	37.71012
Longitude:	-122.15237

T112 **ACI BULKY ITEM SORTING & STORAGE OP.** **SWF/LF** **S118099932**
North **601 ALLADIN AVE.** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.357 mi.
1887 ft. **Site 4 of 4 in cluster T**

Relative: **Higher**
Actual: **44 ft.**

SWF/LF (SWIS):

Name:	ACI BULKY ITEM SORTING & STORAGE OP.
Address:	601 ALLADIN AVE.
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	STATE
Facility ID:	01-AA-0319
SWIS Number:	01-AA-0319
Point of Contact:	Alyssa Williams
Is Archived:	No
Is Closed Illegal Abandoned:	No

ACI BULKY ITEM SORTING & STORAGE OP. (Continued) **S118099932**

Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Leandro
Reporting Agency Legal Name:	County of Alameda
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Alameda
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Activity:

SWIS Number:	01-AA-0319
Site Name:	ACI Bulky Item Sorting & Storage Op.
Activity:	Limited Volume Transfer Operation
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	2
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	650
Capacity Units:	Tons per year
Total Acreage:	0.4
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Alyssa Williams
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Alameda
ARB District:	Bay Area
SWRCB Region:	San Francisco Bay
Local Government:	San Leandro
Street Address:	601 Alladin Ave.
City:	San Leandro
State:	CA

ACI BULKY ITEM SORTING & STORAGE OP. (Continued) **S118099932**

ZIP Code:	94577
Reporting Agency Legal Name:	County of Alameda
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Alameda
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	01-AA-0319
Site Name:	ACI Bulky Item Sorting & Storage Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.71075
Longitude:	-122.15159
Is Archived:	No
Operator:	Alameda County Industries
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(510) 375-7282
Street Address:	610 Aladdin Ave
Operator City:	San Leandro
Operator State:	CA
Operator Zip:	94577-4302

Owner:

SWIS Number:	01-AA-0319
Owner:	The Alladin Depot
Owner Address:	Bob Battinich 577 Alladin Ave.
Owner City:	San Leandro
Owner State:	CA
Owner Zip:	94577
Site Name:	ACI Bulky Item Sorting & Storage Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	37.71075
Longitude:	-122.15159
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(510) 393-3939

Waste:

SWIS Number:	01-AA-0319
Site Name:	ACI Bulky Item Sorting & Storage Op.
Activity:	Limited Volume Transfer Operation
Waste Type:	Other designated
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Alyssa Williams

ACI BULKY ITEM SORTING & STORAGE OP. (Continued) **S118099932**

Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	01-AA-0319
Site Name:	ACI Bulky Item Sorting & Storage Op.
Activity:	Limited Volume Transfer Operation
Waste Type:	Other hazardous
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Alyssa Williams
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	01-AA-0319
Site Name:	ACI Bulky Item Sorting & Storage Op.
Activity:	Limited Volume Transfer Operation
Waste Type:	Tires
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Alyssa Williams
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

U113 **UNITED VAN LINES** **UST FINDER RELEASE** **1029123324**
WNW **1717 FAIRWAY DR** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.378 mi.
1995 ft. **Site 1 of 2 in cluster U**

Relative: **Lower**

Actual: **26 ft.**

UST FINDER RELEASE:

Object ID:	42887
Facility ID:	Not reported
Lust ID:	CAT0600100866
Name:	UNITED VAN LINES
Address:	1717 FAIRWAY DR
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	86
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No

UNITED VAN LINES (Continued) **1029123324**

SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.16366
Y Coord:	37.70545
Latitude:	37.7054499999999
Longitude:	-122.163659999999

U114 **UNITED VAN LINES** **LUST** **S101624099**
WNW **1717 FAIRWAY DR** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **CA FID UST**
0.378 mi. **Cortese**
1995 ft. **Site 2 of 2 in cluster U** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
26 ft.

LUST:

Name:	UNITED VAN LINES
Address:	1717 FAIRWAY DR
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600100866
Latitude:	37.7072392
Longitude:	-122.1592022
Status:	Completed - Case Closed
Status Date:	08/09/1995
Case Worker:	UNK
RB Case Number:	01-0941
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-0941
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	03/02/1993
Leak Reported Date:	03/18/1993
How Discovered:	Tank Closure
How Discovered Description:	Not reported

UNITED VAN LINES (Continued) **S101624099**

Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/09/1995
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100866
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600100866
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600100866
Action Type:	RESPONSE
Date:	07/31/1995
Action:	Correspondence

Global Id:	T0600100866
Action Type:	Other
Date:	03/18/1993
Action:	Leak Reported

Global Id:	T0600100866
Action Type:	Other
Date:	03/02/1993
Action:	Leak Stopped

Global Id:	T0600100866
Action Type:	Other
Date:	03/02/1993
Action:	Leak Discovery

LUST:

Global Id:	T0600100866

UNITED VAN LINES (Continued) **S101624099**

Status: Open - Case Begin Date
Status Date: 03/02/1993

Global Id: T0600100866
Status: Open - Site Assessment
Status Date: 04/14/1993

Global Id: T0600100866
Status: Open - Site Assessment
Status Date: 04/19/1994

Global Id: T0600100866
Status: Open - Site Assessment
Status Date: 04/21/1994

Global Id: T0600100866
Status: Completed - Case Closed
Status Date: 08/09/1995

LUST REG 2:
Region: 2
Facility Id: 01-0941
Facility Status: Case Closed
Case Number: 01-0941
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 4/14/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 4/19/1994
Preliminary Site Assesment Began: 4/21/1994
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: UNITED VAN LINES
Address: 1717 FAIRWAY DR
City: SAN LEANDRO
Status: Not reported
Comp Number: 51549
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: 01-007-051549-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED

UNITED VAN LINES (Continued) **S101624099**

Number Of Tanks: 1

CA FID UST:

Facility ID:	01001659
Regulated By:	UTNKA
Regulated ID:	00051549
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156394500
Mail To:	Not reported
Mailing Address:	1717 FAIRWAY DR
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN LEANDRO 94577
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CORTESE:

Name:	UNITED VAN LINES
Address:	1717 FAIRWAY DR
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600100866
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

HIST CORTESE:

edr_fname:	UNITED VAN LINES
edr_fadd1:	1717 FAIRWAY
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0941

UNITED VAN LINES (Continued) **S101624099**

CERS:
- Name: UNITED VAN LINES
- Address: 1717 FAIRWAY DR
- City,State,Zip: SAN LEANDRO, CA 94577
- Site ID: 889246
- CERS ID: T0600100866
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: UNK - SAN LEANDRO, CITY OF
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: r2 UNKNOWN
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

V115 **295 139TH AVE** **Alameda County CS** **S113036991**
NE **295 139TH AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.396 mi.
2093 ft. **Site 1 of 2 in cluster V**

Relative: Higher
Actual: 42 ft.

Alameda County CS:
- Name: 295 139TH AVE
- Address: 295 139TH AVE
- City,State,Zip: SAN LEANDRO, CA 94578-
- Status: Leak Confirmation
- Record Id: RO0003214
- PE: 5502
- Facility Status: Leak Confirmation
- Latitude: Not reported
- Longitude: Not reported

V116
NE
1/4-1/2
0.396 mi.
2093 ft.

295 139TH AVENUE
295 139TH AVENUE
SAN LEANDRO, CA 94578

Site 2 of 2 in cluster V

CPS-SLIC
CERS

S119777500
N/A

Relative:
Higher

Actual:
42 ft.

CPS-SLIC:

Name:	295 139TH AVENUE
Address:	295 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	12/15/2016
Global Id:	T10000009956
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0003214
Latitude:	37.70844
Longitude:	-122.14611
Case Type:	Cleanup Program Site
Case Worker:	DR
Local Agency:	ALAMEDA COUNTY LOP
RB Case Number:	Not reported
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/05/2016
Leak Reported Date:	12/05/2016
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Other
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Disadvantaged Community
CA Enviroscreen 3 Score:	51-55%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	295 139TH AVENUE
Address:	295 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Site ID:	878315
CERS ID:	T10000009956
CERS Description:	Cleanup Program Site

Affiliation:

295 139TH AVENUE (Continued) **S119777500**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DILAN ROE - ALAMEDA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1131 Harbor Bay Parkway
Affiliation City:	ALAMEDA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5105676767,

W117 **MORGAN BROTHERS PATIOS** **UST FINDER RELEASE** **1029045266**
ENE **14305 WASHINGTON BLVD** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.408 mi.
2154 ft. **Site 1 of 4 in cluster W**

Relative: **Higher**
Actual: **39 ft.**

UST FINDER RELEASE:

Object ID:	43127
Facility ID:	Not reported
Lust ID:	CAT0600101818
Name:	MORGAN BROTHERS PATIOS
Address:	14305 WASHINGTON BLVD
City,State,Zip:	SAN LEANDRO, CA 94578
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1064
Domestic Wells within 1500ft:	2
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.144
Y Coord:	37.7060900000001
Latitude:	37.70609
Longitude:	-122.144

W118 **MORGAN BROTHERS PATIOS** **LUST** **S101580286**
ENE **14305 WASHINGTON BLVD** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HIST CORTESE**
0.408 mi. **CERS**
2154 ft. **Site 2 of 4 in cluster W**

Relative:
Higher

Actual:
39 ft.

LUST:

Name:	MORGAN BROTHERS PATIOS
Address:	14305 WASHINGTON BLVD
City,State,Zip:	SAN LEANDRO, CA 94578
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101818
Latitude:	37.705836
Longitude:	-122.144451
Status:	Completed - Case Closed
Status Date:	08/05/2004
Case Worker:	Not reported
RB Case Number:	01-1968
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	01-1968
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/01/1991
Leak Reported Date:	03/25/1991
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/05/2004
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	76-80%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101818
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

MORGAN BROTHERS PATIOS (Continued) **S101580286**

LUST:
Global Id: T0600101818
Action Type: Other
Date: 02/01/1991
Action: Leak Discovery

Global Id: T0600101818
Action Type: RESPONSE
Date: 06/14/2004
Action: Request for Closure

Global Id: T0600101818
Action Type: ENFORCEMENT
Date: 03/25/1991
Action: Unauthorized Release Form

Global Id: T0600101818
Action Type: Other
Date: 03/25/1991
Action: Leak Reported

Global Id: T0600101818
Action Type: RESPONSE
Date: 07/28/2004
Action: Request for Closure

Global Id: T0600101818
Action Type: Other
Date: 02/01/1991
Action: Leak Stopped

Global Id: T0600101818
Action Type: ENFORCEMENT
Date: 08/05/2004
Action: Closure/No Further Action Letter

Global Id: T0600101818
Action Type: RESPONSE
Date: 09/14/1994
Action: Unauthorized Release Form

Global Id: T0600101818
Action Type: RESPONSE
Date: 03/25/1991
Action: Unauthorized Release Form

LUST:
Global Id: T0600101818
Status: Open - Case Begin Date
Status Date: 02/01/1991

Global Id: T0600101818
Status: Open - Site Assessment
Status Date: 07/01/1993

Global Id: T0600101818

MORGAN BROTHERS PATIOS (Continued) **S101580286**

Status: Completed - Case Closed
Status Date: 08/05/2004

LUST REG 2:
Region: 2
Facility Id: 01-1968
Facility Status: Case Closed
Case Number: 01-1968
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 7/1/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: MORGAN BROTHERS PATIOS
Address: 14305 WASHINGTON BLVD
City,State,Zip: SAN LEANDRO, CA 94578
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101818
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

HIST CORTESE:
edr_fname: MORGAN BROTHERS PATIOS
edr_fadd1: 14305 WASHINGTON
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1968

MORGAN BROTHERS PATIOS (Continued) **S101580286**

CERS:
- Name: MORGAN BROTHERS PATIOS
- Address: 14305 WASHINGTON BLVD
- City,State,Zip: SAN LEANDRO, CA 94578
- Site ID: 890464
- CERS ID: T0600101818
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

X119 **SAN LEANDRO RENTAL** **UST FINDER RELEASE** **1029101764**
ENE **14273 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.410 mi.
2164 ft. **Site 1 of 6 in cluster X**

Relative:
Higher

Actual:
40 ft.

UST FINDER RELEASE:
- Object ID: 43124
- Facility ID: Not reported
- Lust ID: CAT0600101191
- Name: SAN LEANDRO RENTAL
- Address: 14273 WASHINGTON AVE
- City,State,Zip: SAN LEANDRO, CA 94578
- Address Match Type: PointAddress
- Reported Date: Not reported
- Status: No Further Action
- Substance: Not reported
- Population within 1500ft: 998
- Domestic Wells within 1500ft: 4
- Land Use: Developed, High Intensity
- Within SPA: No
- SPA PWS Facility ID: Not reported
- SPA Water Type: Not reported
- SPA Facility Type: Not reported
- SPA HUC12: Not reported
- Within WHPA: Yes
- WHPA PWS Facility ID: CA0103041_12346
- WHPA Water Type: GW - Ground water
- WHPA Facility Type: WL - Well
- WHPA HUC12: 180500040805
- Within 100yr Floodplain: No
- Tribe: Not reported
- EPA Region: 9
- NFA Letter 1: Not reported
- NFA Letter 2: Not reported
- NFA Letter 3: Not reported
- NFA Letter 4: Not reported
- Closed With Residual Contaminate: Not reported

SAN LEANDRO RENTAL (Continued) **1029101764**

Coordinate Source:	Geocode
X Coord:	-122.14451
Y Coord:	37.70683
Latitude:	37.7068299999999
Longitude:	-122.144509999999

X120 **APOLLO MOTORHOME HOLIDAYS, LLC** **LUST** **S101580125**
ENE **14273 WASHINGTON AVENUE** **HIST CORTESE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HWTS**
0.410 mi. **HAZNET**
2164 ft. **Site 2 of 6 in cluster X** **CERS**

Relative:
Higher

Actual:
40 ft.

LUST:

Name:	SAN LEANDRO RENTAL
Address:	14273 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101191
Latitude:	37.706746
Longitude:	-122.144671
Status:	Completed - Case Closed
Status Date:	07/08/1997
Case Worker:	UNK
RB Case Number:	01-1295
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1295
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel, Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/16/1988
Leak Reported Date:	09/14/1988
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	07/08/1997
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101191
Contact Type:	Regional Board Caseworker

APOLLO MOTORHOME HOLIDAYS, LLC (Continued) **S101580125**

Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101191
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101191
Action Type: Other
Date: 09/14/1988
Action: Leak Discovery

Global Id: T0600101191
Action Type: ENFORCEMENT
Date: 06/17/1997
Action: Closure/No Further Action Letter

Global Id: T0600101191
Action Type: Other
Date: 09/14/1988
Action: Leak Reported

Global Id: T0600101191
Action Type: ENFORCEMENT
Date: 04/23/1992
Action: File review

Global Id: T0600101191
Action Type: Other
Date: 09/14/1988
Action: Leak Stopped

Global Id: T0600101191
Action Type: RESPONSE
Date: 01/21/1994
Action: Other Report / Document

Global Id: T0600101191
Action Type: RESPONSE
Date: 04/18/1997
Action: Soil and Water Investigation Workplan

Global Id: T0600101191
Action Type: RESPONSE
Date: 05/21/1991
Action: Unauthorized Release Form

APOLLO MOTORHOME HOLIDAYS, LLC (Continued) **S101580125**

LUST:
Global Id: T0600101191
Status: Open - Case Begin Date
Status Date: 09/16/1988

Global Id: T0600101191
Status: Open - Site Assessment
Status Date: 09/18/1996

Global Id: T0600101191
Status: Completed - Case Closed
Status Date: 07/08/1997

HIST CORTESE:
edr_fname: SAN LEANDRO RENTAL
edr_fadd1: 14273 WASHINGTON
City,State,Zip: SAN LEANDRO, CA 94578
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1295

HWTS:
Name: R.L. STEVENS COMPANY
Address: 14273 WASHINGTON AVE
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94578
EPA ID: CAC002739079
Inactive Date: 11/01/2013
Create Date: 08/02/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 361
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770036
Owner Name: DAVID STEVENS
Owner Address: PO BOX 361
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945770036
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: ROBERT STEVENS
Contact Address: PO BOX 361
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770036
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.706734
Longitude: -122.144471

NAICS:
EPA ID: CAC002739079

APOLLO MOTORHOME HOLIDAYS, LLC (Continued) **S101580125**

Create Date:	2013-08-02 13:46:46.353
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2013-08-02 13:46:46.35700
Inactive Date:	2013-11-01 13:46:46.35300
Facility Name:	R.L. STEVENS COMPANY
Facility Address:	14273 WASHINGTON AVE
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94578

Name:	APOLLO MOTORHOME HOLIDAYS, LLC
Address:	14273 WASHINGTON AVENUE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94578
EPA ID:	CAC003076712
Inactive Date:	10/26/2020
Create Date:	07/28/2020
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	8559 ARTESIA BOULEVARD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BELLFLOWER, CA 90706
Owner Name:	VICTOR BALDY
Owner Address:	14273 WASHINGTON AVENUE
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN LEANDRO, CA 94578
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ALAN BROWN
Contact Address:	14273 WASHINGTON AVENUE
Contact Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94578
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.70655399
Longitude:	-122.144748

NAICS:

EPA ID:	CAC003076712
Create Date:	2020-07-28 12:47:01.340
NAICS Code:	811192
NAICS Description:	Car Washes
Issued EPA ID Date:	2020-07-28 12:47:01.34000
Inactive Date:	2020-10-26 12:47:01.32300
Facility Name:	APOLLO MOTORHOME HOLIDAYS, LLC
Facility Address:	14273 WASHINGTON AVENUE
Facility Address 2:	Not reported
Facility City:	SAN LEANDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	94578

APOLLO MOTORHOME HOLIDAYS, LLC (Continued) **S101580125**

HAZNET:

Name:	R.L. STEVENS COMPANY
Address:	14273 WASHINGTON AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94578
Contact:	ROBERT STEVENS
Telephone:	5108890908
Mailing Name:	Not reported
Mailing Address:	PO BOX 361
Year:	2013
Gepaid:	CAC002739079
TSD EPA ID:	CAD980887418
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4587

Additional Information:

Year:	2013
Gen EPA ID:	CAC002739079
Shipment Date:	20130809
Creation Date:	9/26/2013 22:15:06
Receipt Date:	20130812
Manifest ID:	011575068JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587
Waste Quantity:	110
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

CERS:

Name:	SAN LEANDRO RENTAL
Address:	14273 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Site ID:	868067
CERS ID:	T0600101191
CERS Description:	Leaking Underground Storage Tank Cleanup Site

APOLLO MOTORHOME HOLIDAYS, LLC (Continued) **S101580125**

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

X121 **SAN LEANDRO RENTAL** **Cortese** **S113045346**
ENE **14273 WASHINGTON AVE** **HWTS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HAZNET**
0.410 mi.
2164 ft. **Site 3 of 6 in cluster X**

Relative:
Higher

Actual:
40 ft.

CORTESE:

Name:	SAN LEANDRO RENTAL
Address:	14273 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101191
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

HWTS:

Name:	SAN LEANDRO RENTAL
Address:	14273 WASHINGTON AVE

SAN LEANDRO RENTAL (Continued) **S113045346**

Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94578
EPA ID:	CAL000060805
Inactive Date:	06/30/2000
Create Date:	02/24/1992
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	14273 WASHINGTON AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN LEANDRO, CA 945783326
Owner Name:	SAN LEANDRO EQUIPMENT RENTAL
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	VICTOR D BALDI
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	37.70401
Longitude:	-122.142635

HAZNET:

Name:	SAN LEANDRO RENTAL
Address:	14273 WASHINGTON AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945780000
Contact:	VICTOR D BALDI
Telephone:	5103575900
Mailing Name:	Not reported
Mailing Address:	14273 WASHINGTON AVE
Year:	1999
Gepaid:	CAL000060805
TSD EPA ID:	CAT080033681
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.209
Year:	1998
Gepaid:	CAL000060805
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.275
Year:	1996
Gepaid:	CAL000060805
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler

SAN LEANDRO RENTAL (Continued) **S113045346**

Tons:	0.95
Year:	1995
Gepaid:	CAL000060805
TSD EPA ID:	CAD980887418
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.231
Year:	1995
Gepaid:	CAL000060805
TSD EPA ID:	CAD980887418
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	1.178
Year:	1992
Gepaid:	CAL000060805
TSD EPA ID:	CAD009466392
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	3

Additional Information:

Year:	1999
Gen EPA ID:	CAL000060805
Shipment Date:	19991215
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000106
Manifest ID:	99772634
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	CAD044003556
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
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

Additional Information:

Year:	1998
Gen EPA ID:	CAL000060805

SAN LEANDRO RENTAL (Continued) **S113045346**

Shipment Date:	19980831
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980831
Manifest ID:	96734272
Trans EPA ID:	CAD982438566
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009466392
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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

Additional Information:

Year:	1996
Gen EPA ID:	CAL000060805

Shipment Date:	19960515
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960515
Manifest ID:	96237169
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
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:	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

Additional Information:

Year:	1995
Gen EPA ID:	CAL000060805

SAN LEANDRO RENTAL (Continued) **S113045346**

Shipment Date:	19951115
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951116
Manifest ID:	95643551
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
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:	0.231
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

Shipment Date:	19950804
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950804
Manifest ID:	95644481
Trans EPA ID:	CAD980695761
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980887418
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.178
Waste Quantity:	310
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

X122 **SAN LEANDRO RENTAL** **LUST** **S101293869**
ENE **14273 WASHINGTON AVE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HWTS**
0.410 mi. **WDS**
2164 ft. **Site 4 of 6 in cluster X** **CIWQS**

Relative: Higher

Actual: 40 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1295
Facility Status:	Case Closed
Case Number:	01-1295
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	9/18/1996
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Name:	SAN LEANDRO RENTALS/C/O VICTOR D BALDI JR
Address:	14273 WASHINGTON AVE
City:	SAN LEANDRO
Status:	Not reported
Comp Number:	507
Number:	Not reported
Board Of Equalization:	44-001037
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-007-000507-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	SAN LEANDRO RENTALS/C/O VICTOR D BALDI JR
Address:	14273 WASHINGTON AVE
City:	SAN LEANDRO
Status:	Not reported
Comp Number:	507
Number:	Not reported
Board Of Equalization:	44-001037
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-007-000507-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported

SAN LEANDRO RENTAL (Continued) **S101293869**

Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: SAN LEANDRO RENTALS/C/O VICTOR D BALDI JR
Address: 14273 WASHINGTON AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 507
Number: Not reported
Board Of Equalization: 44-001037
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-000507-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

HWTS:
Name: SAN LEANDRO RENTAL
Address: 14273 WASHINGTON AVE
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94578
EPA ID: CAL000188243
Inactive Date: 03/10/2000
Create Date: 04/10/1998
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1153 BERGEN PARKWAY STE M237
Mailing Address 2: Not reported
Mailing City,State,Zip: EVERGREEN, CO 804390000
Owner Name: UNITED RENTALS
Owner Address: 1581 CUMMINS DR #125
Owner Address 2: Not reported
Owner City,State,Zip: MODESTO, CA 953583326
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: VICTOR D. BALDI JR
Contact Address: CANCELLED DOC ON FILE N/OWNER
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945783326
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 37.70401
Longitude: -122.142635

SAN LEANDRO RENTAL (Continued) **S101293869**

WDS:

Name:	UNITED RENTALS NORTHWEST INC
Address:	14273 Washington Ave
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I018349
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:	2
Facility Telephone:	5103575900
Facility Contact:	Jeff Sanders
Agency Name:	UNITED RENTALS INC
Agency Address:	1153 Bergen Pkwy Ste M237
Agency City,St,Zip:	Evergreen 804399501
Agency Contact:	Dan Sweeney
Agency Telephone:	3036741320
Agency Type:	?
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.

CIWQS:

Name:	United Rentals Northwest Inc
Address:	14273 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Agency:	United Rentals North America Inc
Agency Address:	791 E 64th Ave, Denver, CO 80229

SAN LEANDRO RENTAL (Continued) **S101293869**

Place/Project Type:	Industrial - Heavy Construction Equipment Rental and Leasing
SIC/NAICS:	7353
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I018349
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/12/2003
Termination Date:	01/29/2009
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:	37.70656
Longitude:	-122.14432

Y123 **ROGERS TRUCKING** **LUST** **S104241988**
ENE **14327 WASHINGTON** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HIST CORTESE**
0.419 mi. **NPDES**
2213 ft. **Site 1 of 4 in cluster Y** **CERS**

Relative:
Higher

Actual:
39 ft.

LUST:

Name:	ROGERS TRUCKING
Address:	14327 WASHINGTON
City,State,Zip:	SAN LEANDRO, CA 94578-
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600102282
Latitude:	37.70441147
Longitude:	-122.142999
Status:	Completed - Case Closed
Status Date:	09/19/2011
Case Worker:	Not reported
RB Case Number:	01-2477
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	01-2477
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/19/1998
Leak Reported Date:	10/13/1998
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown

ROGERS TRUCKING (Continued) **S104241988**

Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 09/19/2011
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 60-65%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Final Notice sent 4/21/2011 requesting soil and groundwater investigation. site will be referred to RWQCB if no response within 60 days.

LUST:
Global Id: T0600102282
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600102282
Action Type: ENFORCEMENT
Date: 04/21/2011
Action: 13267 Requirement

Global Id: T0600102282
Action Type: ENFORCEMENT
Date: 05/26/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102282
Action Type: Other
Date: 10/13/1998
Action: Leak Reported

Global Id: T0600102282
Action Type: Other
Date: 08/19/1998
Action: Leak Stopped

Global Id: T0600102282
Action Type: RESPONSE
Date: 08/28/1998
Action: Soil and Water Investigation Report

Global Id: T0600102282
Action Type: ENFORCEMENT
Date: 09/19/2011
Action: Closure Summary

Global Id: T0600102282

ROGERS TRUCKING (Continued) **S104241988**

Action Type: Other
Date: 08/19/1998
Action: Leak Discovery

LUST:
Global Id: T0600102282
Status: Open - Case Begin Date
Status Date: 08/19/1998

Global Id: T0600102282
Status: Open - Site Assessment
Status Date: 08/19/1998

Global Id: T0600102282
Status: Completed - Case Closed
Status Date: 04/18/2005

Global Id: T0600102282
Status: Open - Reopen Case
Status Date: 08/21/2007

Global Id: T0600102282
Status: Open - Inactive
Status Date: 08/22/2007

Global Id: T0600102282
Status: Open - Inactive
Status Date: 04/21/2011

Global Id: T0600102282
Status: Completed - Case Closed
Status Date: 09/19/2011

LUST REG 2:
Region: 2
Facility Id: 01-2477
Facility Status: Leak being confirmed
Case Number: 01-2477
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 8/19/1998
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: ROGERS TRUCKING
Address: 14327 WASHINGTON
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE

ROGERS TRUCKING (Continued) **S104241988**

Envirostor Id:	Not reported
Global ID:	T0600102282
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

HIST CORTESE:

edr_fname:	ROGERS TRUCKING
edr_fadd1:	14327 WASHINGTON
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2477

NPDES:

Name:	RODGERS TRUCKING CO
Address:	14327 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94577
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:	2 01I004768
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/30/2020
Operator Name:	Rodgers Trucking Co

ROGERS TRUCKING (Continued) **S104241988**

Operator Address:	PO Box 923
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	180773
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I004768
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Rodgers Trucking Co
Discharge Address:	PO Box 923
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

ROGERS TRUCKING (Continued) **S104241988**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	180773
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I004768
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:	05/09/2008
Processed Date:	04/07/1992
Status:	Active
Status Date:	04/07/1992
Place Size:	1.5
Place Size Unit:	Acres
Contact:	John Ghiglione
Contact Title:	Not reported
Contact Phone:	510-483-7000
Contact Phone Ext:	Not reported
Contact Email:	johng@rodgerstrucking.com
Operator Name:	Rodgers Trucking Co
Operator Address:	PO Box 923
Operator City:	San Leandro

ROGERS TRUCKING (Continued) **S104241988**

Operator State:	California
Operator Zip:	94577
Operator Contact:	John Ghiglione
Operator Contact Title:	Manager
Operator Contact Phone:	510-483-7000
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	johng@rodgerstrucking.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:	510-483-7000
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:	San Leandro Creek
Certifier:	Frank Ghiglione
Certifier Title:	President
Certification Date:	04-JUN-15
Primary Sic:	4213-Trucking, Except Local
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CERS:

Name:	ROGERS TRUCKING
Address:	14327 WASHINGTON
City,State,Zip:	SAN LEANDRO, CA 94578-
Site ID:	901763
CERS ID:	T0600102282
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400

ROGERS TRUCKING (Continued) **S104241988**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Y124 **ROGERS TRUCKING** **UST FINDER RELEASE** **1029099491**
ENE **14327 WASHINGTON** **N/A**
1/4-1/2 **SAN LEANDRO, CA 0**
0.419 mi.
2213 ft. **Site 2 of 4 in cluster Y**

Relative:
Higher

Actual:
39 ft.

UST FINDER RELEASE:

Object ID:	43136
Facility ID:	Not reported
Lust ID:	CAT0600102282
Name:	ROGERS TRUCKING
Address:	14327 WASHINGTON
City,State,Zip:	SAN LEANDRO, CA 0
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1106
Domestic Wells within 1500ft:	1
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.14349
Y Coord:	37.7053100000001
Latitude:	37.7053099999999
Longitude:	-122.14349

125 West 1/4-1/2 0.424 mi. 2239 ft.

DANA CORPORATION
2799 MILLER STREET
SAN LEANDRO, CA 94577

RESPONSE
ENVIROSTOR
HIST Cal-Sites
CERS

S101641808
N/A

Relative: Lower

Actual: 21 ft.

RESPONSE:

Name:	DANA CORPORATION
Address:	2799 MILLER STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01750029
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.7
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	201018
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/16/2006
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.70433
Longitude:	-122.1638
APN:	77B-855-3
Past Use:	VEHICLE MAINTENANCE
Potential COC :	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethylene
Confirmed COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethylene
Potential Description:	OTH
Alias Name:	Former Dana Corporation
Alias Type:	Alternate Name
Alias Name:	77B-855-3
Alias Type:	APN
Alias Name:	110033616629
Alias Type:	EPA (FRS #)
Alias Name:	201018
Alias Type:	Project Code (Site Code)
Alias Name:	01750029
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	12/11/1997
Comments:	Order issued to Dana Corporation and the property owner.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DANA CORPORATION (Continued) **S101641808**

Completed Document Type:	Remedial Investigation Report
Completed Date:	09/01/1998
Comments:	Soil samples analyzed in potential source areas did not detect any volatile organic compounds (VOCs). The highest 1,1-dichloroethene (DCE), trichloroethene (TCE), tetrachloroethene (PCE) and 1,1,1 trichloroethane (TCA) detected in groundwater at the site were 204 ppb, 67 ppb, 17 ppb and 19 ppb respectively. These concentration were slightly above the upgradient boundary concentrations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/16/2006
Comments:	Based on the review of current and historical data, the site does not appear to currently have a source of hazardous substances which is contributing to groundwater contamination and does not appear to pose a current threat to human health or the environment.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/26/1993
Comments:	4 soil samples and 2 grab groundwater samples were analyzed for volatile organic compounds (VOCs), oil and grease (O & G), and total extractable hydrocarbons (TEH) at 2 locations. All soil sample results were below regulatory levels. DCE, TCE and PCE concentrations detected in the shallow groundwater were above the maximum contaminant levels (MCLs)
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/15/2013
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

ENVIROSTOR:

Name:	DANA CORPORATION
Address:	2799 MILLER STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01750029
Status:	No Further Action
Status Date:	06/16/2006
Site Code:	201018
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.7
NPL:	NO

DANA CORPORATION (Continued) **S101641808**

Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.70433
Longitude:	-122.1638
APN:	77B-855-3
Past Use:	VEHICLE MAINTENANCE
Potential COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethylene
Confirmed COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,1-Dichloroethylene
Potential Description:	OTH
Alias Name:	Former Dana Corporation
Alias Type:	Alternate Name
Alias Name:	77B-855-3
Alias Type:	APN
Alias Name:	110033616629
Alias Type:	EPA (FRS #)
Alias Name:	201018
Alias Type:	Project Code (Site Code)
Alias Name:	01750029
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	12/11/1997
Comments:	Order issued to Dana Corporation and the property owner.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	09/01/1998
Comments:	Soil samples analyzed in potential source areas did not detect any volatile organic compounds (VOCs). The highest 1,1-dichloroethene (DCE), trichloroethene (TCE), tetrachloroethene (PCE) and 1,1,1 trichloroethane (TCA) detected in groundwater at the site were 204 ppb, 67 ppb, 17 ppb and 19 ppb respectively. These concentration were slightly above the upgradient boundary concentrations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/16/2006
Comments:	Based on the review of current and historical data, the site does not appear to currently have a source of hazardous substances which is contributing to groundwater contamination and does not appear to pose

DANA CORPORATION (Continued) **S101641808**

a current threat to human health or the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/26/1993
Comments: 4 soil samples and 2 grab groundwater samples were analyzed for volatile organic compounds (VOCs), oil and grease (O & G), and total extractable hydrocarbons (TEH) at 2 locations. All soil sample results were below regulatory levels. DCE, TCE and PCE concentrations detected in the shallow groundwater were above the maximum contaminant levels (MCLs)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/15/2013
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

Calsite:
Name: DANA CORPORATION
Address: 2799 MILLER STREET
City: SAN LEANDRO
Region: BERKELEY
Facility ID: 01750029
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 12151997
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 75
SIC Name: AUTO REPAIR, SERVICES & PARKING
Access: Controlled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: JRANDENI
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported

DANA CORPORATION (Continued) **S101641808**

Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	18
State Senate District Code:	10
Facility ID:	01750029
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	IS&E
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12111997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	2799 MILLER STREET
Alternate City,St,Zip:	SAN LEANDRO, CA 94577
Background Info:	The Site is located on approximately 0.7-acre parcel of land and consists of a one-story building. In or about 1963, the Site was developed for Dana Corporation to assemble and repair heavy-duty truck transmissions. Degreasing agents such as carbon tetrachloride, trichloroethene and 1, 1, 1-trichloroethane were used. From 1987 to 1994, Westates Mechanical Contractors, Inc. (Westates) occupied the Site. Westates used trichloroethane. A 1998 site investigation found low concentrations of tetrachloroethylene, toluene and xylene were detected in the site soil. Dichloroethane, dichloroethylene, trichloroethylene, and tetrachloroethylene were found above the drinking water standard. The Site is located within a regional groundwater contamination problem located in the central area of the City of San Leandro.
Comments Date:	12111997
Comments:	Order issued to Dana Corporation and Carol Petersen (property
Comments Date:	12111997
Comments:	owner).
ID Name:	CALSTARS CODE
ID Value:	201018
Alternate Name:	DANA CORPORATION
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

DANA CORPORATION (Continued) **S101641808**

CERS:
- Name: DANA CORPORATION
- Address: 2799 MILLER STREET
- City,State,Zip: SAN LEANDRO, CA 94577
- Site ID: 606895
- CERS ID: 01750029
- CERS Description: State Response

Affiliation:
- Affiliation Type Desc: Supervisor
- Entity Name: Karen Toth
- 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: ,

- Affiliation Type Desc: Lead Project Manager
- Entity Name: JAYANTHA RANDENI
- 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: ,

Z126 **SAAG WAREHOUSE** **UST FINDER RELEASE** **1029101002**
West **1799 FACTOR AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.431 mi.
2276 ft. **Site 1 of 2 in cluster Z**

Relative: **Lower**
Actual: **18 ft.**

UST FINDER RELEASE:
- Object ID: 42888
- Facility ID: Not reported
- Lust ID: CAT0600101175
- Name: SAAG WAREHOUSE
- Address: 1799 FACTOR AVE
- City,State,Zip: SAN LEANDRO, CA 94577
- Address Match Type: PointAddress
- Reported Date: Not reported
- Status: No Further Action
- Substance: Not reported
- Population within 1500ft: 906
- Domestic Wells within 1500ft: 0
- Land Use: Developed, High Intensity
- Within SPA: No
- SPA PWS Facility ID: Not reported
- SPA Water Type: Not reported
- SPA Facility Type: Not reported
- SPA HUC12: Not reported
- Within WHPA: Yes
- WHPA PWS Facility ID: CA0103041_12346
- WHPA Water Type: GW - Ground water

SAAG WAREHOUSE (Continued) **1029101002**

WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.1634
Y Coord:	37.70212
Latitude:	37.70212
Longitude:	-122.163399999999

Z127 **SAAG WAREHOUSE** **LUST** **S101624141**
West **1799 FACTOR AVE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST UST**
0.431 mi. **CA FID UST**
2276 ft. **Site 2 of 2 in cluster Z** **Cortese**
HIST CORTESE
Relative: **NPDES**
Lower **WDS**
CERS
Actual:
18 ft.

LUST:

Name:	SAAG WAREHOUSE
Address:	1799 FACTOR AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101175
Latitude:	37.7022093
Longitude:	-122.1631569
Status:	Completed - Case Closed
Status Date:	05/29/1996
Case Worker:	UNK
RB Case Number:	01-1278
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1278
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/17/1987
Leak Reported Date:	02/17/1987
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported

SAAG WAREHOUSE (Continued) **S101624141**

No Further Action Date: 05/29/1996
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 61-65%
CA Enviroscreen 4 Score: 70-75%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600101175
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101175
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101175
Action Type: Other
Date: 02/17/1987
Action: Leak Discovery

Global Id: T0600101175
Action Type: ENFORCEMENT
Date: 05/22/1996
Action: Closure/No Further Action Letter

Global Id: T0600101175
Action Type: Other
Date: 02/17/1987
Action: Leak Reported

Global Id: T0600101175
Action Type: Other
Date: 02/17/1987
Action: Leak Stopped

LUST:
Global Id: T0600101175
Status: Open - Case Begin Date
Status Date: 02/17/1987

Global Id: T0600101175

SAAG WAREHOUSE (Continued) **S101624141**

Status: Completed - Case Closed
Status Date: 05/29/1996

LUST REG 2:
Region: 2
Facility Id: 01-1278
Facility Status: Case Closed
Case Number: 01-1278
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: SAAG'S PRODUCTS, INC.
Address: 1799 FACTOR AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 4272
Number: Not reported
Board Of Equalization: 44-001054
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-004272-000001
Tank Status: Not reported
Capacity: 3000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 2

Name: SAAG'S PRODUCTS, INC.
Address: 1799 FACTOR AVE
City: SAN LEANDRO
Status: Not reported
Comp Number: 4272
Number: Not reported
Board Of Equalization: 44-001054
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-007-004272-000002
Tank Status: Not reported
Capacity: 8000

SAAG WAREHOUSE (Continued) **S101624141**

Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: SAAGS PRODUCTS INC
Address: 1799 FACTOR AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
File Number: 000362e3

URL:
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:

CA FID UST:
Facility ID: 01001393
Regulated By: UTNKI
Regulated ID: 00004272
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1799 FACTOR AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94577
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CORTESE:
Name: SAAG WAREHOUSE

SAAG WAREHOUSE (Continued) **S101624141**

Address:	1799 FACTOR AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101175
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

HIST CORTESE:

edr_fname:	SAAG WAREHOUSE
edr_fadd1:	1799 FACTOR
City,State,Zip:	SAN LEANDRO, CA
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1278

NPDES:

Name:	SAAGS PRODUCTS LLC
Address:	1799 FACTOR AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	180777
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I004935
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Termination Date Of Regulatory Measure:	12/14/2021
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1799 Factor Ave
Discharge Name:	Saags Product LLC
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577

SAAG WAREHOUSE (Continued) **S101624141**

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:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	180777
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I004935
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Saags Product LLC
Discharge Address:	1799 Factor Ave
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

SAAG WAREHOUSE (Continued) **S101624141**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	180777
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I004935
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:	05/09/2008
Processed Date:	04/07/1992
Status:	Active
Status Date:	04/07/1992
Place Size:	92000
Place Size Unit:	SqFt
Contact:	Michael Tye
Contact Title:	General Manager
Contact Phone:	5103528000
Contact Phone Ext:	Not reported
Contact Email:	mtye@saags.com

SAAG WAREHOUSE (Continued) **S101624141**

Operator Name:	Saags Product LLC
Operator Address:	1799 Factor Ave
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Michael Tye
Operator Contact Title:	General Manager
Operator Contact Phone:	510-352-8000
Operator Contact Phone Ext:	412
Operator Contact Email:	mtye@farmerjohn.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:	510-352-8000
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:	San Francisco Bay
Certifier:	Michael Tye
Certifier Title:	General Manager
Certification Date:	08-JUN-15
Primary Sic:	2013-Sausages and Other Prepared Meats
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	SAAGS PROD
Address:	1799 Factor Ave
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I004935
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

SAAG WAREHOUSE (Continued) **S101624141**

	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:	2
Facility Telephone:	5103528000
Facility Contact:	JOHN LING
Agency Name:	KATHI MOSLE
Agency Address:	1799 Factor Ave
Agency City,St,Zip:	San Leandro 945775617
Agency Contact:	JIM MOSLE
Agency Telephone:	5103528000
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.

CERS:

Name:	SAAG WAREHOUSE
Address:	1799 FACTOR AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	869722
CERS ID:	T0600101175
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

SAAG WAREHOUSE (Continued) **S101624141**

Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

X128 **LARSON BROTHERS LUMBER** **LUST** **S103974335**
ENE **14200 WASHINGTON AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **HIST CORTESE**
0.433 mi. **CERS**
2285 ft. **Site 5 of 6 in cluster X**

Relative: **Higher**

Actual: **41 ft.**

LUST:
Name: LARSON BROTHERS LUMBER
Address: 14200 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Lead Agency: SAN LEANDRO, CITY OF
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600100814
Latitude: 37.707783
Longitude: -122.143944
Status: Completed - Case Closed
Status Date: 10/01/2009
Case Worker: LM
RB Case Number: 01-0881
Local Agency: SAN LEANDRO, CITY OF
File Location: Local Agency
Local Case Number: 01-0881
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 05/22/1986
Leak Reported Date: 07/10/1986
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Physc / Mech Damage
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/01/2009
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 76-80%
CA Enviroscreen 4 Score: 60-65%
Military DOD Site: No

LARSON BROTHERS LUMBER (Continued) **S103974335**

Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600100814
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: LISA MAFFEI
Organization Name: SAN LEANDRO, CITY OF
Address: 835 E14TH STREET
City: SAN LEANDRO
Email: lmaffei@sanleandro.org
Phone Number: Not reported

Global Id: T0600100814
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100814
Action Type: Other
Date: 07/10/1986
Action: Leak Discovery

Global Id: T0600100814
Action Type: RESPONSE
Date: 07/08/1996
Action: Monitoring Report - Other

Global Id: T0600100814
Action Type: RESPONSE
Date: 01/21/1994
Action: Other Report / Document

Global Id: T0600100814
Action Type: Other
Date: 07/10/1986
Action: Leak Reported

Global Id: T0600100814
Action Type: ENFORCEMENT
Date: 01/08/2009
Action: Closure/No Further Action Letter

Global Id: T0600100814
Action Type: Other
Date: 07/10/1986
Action: Leak Stopped

Global Id: T0600100814
Action Type: RESPONSE
Date: 07/08/1986

LARSON BROTHERS LUMBER (Continued) **S103974335**

Action: Correspondence

LUST:
Global Id: T0600100814
Status: Open - Case Begin Date
Status Date: 05/22/1986

Global Id: T0600100814
Status: Open - Site Assessment
Status Date: 05/22/1986

Global Id: T0600100814
Status: Completed - Case Closed
Status Date: 10/01/2009

LUST REG 2:
Region: 2
Facility Id: 01-0881
Facility Status: Preliminary site assessment underway
Case Number: 01-0881
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/22/1986
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: LARSON BROTHERS LUMBER
Address: 14200 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100814
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

LARSON BROTHERS LUMBER (Continued) **S103974335**

Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: LARSON BROTHERS LUMBER
edr_fadd1: 14200 WASHINGTON
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0881

CERS:
Name: LARSON BROTHERS LUMBER
Address: 14200 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Site ID: 867174
CERS ID: T0600100814
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: LISA MAFFEI - SAN LEANDRO, CITY OF
Entity Title: Not reported
Affiliation Address: 835 E14TH STREET
Affiliation City: SAN LEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

X129 **LARSON BROTHERS LUMBER** **UST FINDER RELEASE** **1029014389**
ENE **14200 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.433 mi.
2285 ft. **Site 6 of 6 in cluster X**

Relative:
Higher

Actual:
41 ft.

UST FINDER RELEASE:
Object ID: 43119
Facility ID: Not reported
Lust ID: CAT0600100814
Name: LARSON BROTHERS LUMBER
Address: 14200 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Address Match Type: PointAddress
Reported Date: Not reported

LARSON BROTHERS LUMBER (Continued) **1029014389**

Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	960
Domestic Wells within 1500ft:	6
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.1448
Y Coord:	37.7073800000001
Latitude:	37.70738
Longitude:	-122.1448

AA130 **STELLA D'ORO BISCUIT COMPANY** **LUST** **U001598482**
NNW **1000 MONTAGUE AVE** **HIST UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.436 mi. **NPDES**
2304 ft. **Site 1 of 2 in cluster AA** **CIWQS**
CERS

Relative:
Higher

Actual:
37 ft.

LUST:

Name:	STELLA D'ORO BISCUIT COMPANY
Address:	1000 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101316
Latitude:	37.710131
Longitude:	-122.1579988
Status:	Completed - Case Closed
Status Date:	04/29/1998
Case Worker:	UNK
RB Case Number:	01-1425
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1425
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/17/1986
Leak Reported Date:	09/17/1986
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/29/1998
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101316
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101316
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101316
Action Type:	Other
Date:	09/17/1986
Action:	Leak Discovery

Global Id:	T0600101316
Action Type:	RESPONSE
Date:	10/22/1990
Action:	Unauthorized Release Form

Global Id:	T0600101316
Action Type:	ENFORCEMENT
Date:	04/29/1998
Action:	Closure/No Further Action Letter

Global Id: T0600101316

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Action Type: Other
Date: 09/17/1986
Action: Leak Reported

Global Id: T0600101316
Action Type: RESPONSE
Date: 01/21/1994
Action: Other Report / Document

Global Id: T0600101316
Action Type: RESPONSE
Date: 04/21/1998
Action: Request for Closure

Global Id: T0600101316
Action Type: RESPONSE
Date: 09/27/1986
Action: Correspondence

Global Id: T0600101316
Action Type: Other
Date: 09/17/1986
Action: Leak Stopped

Global Id: T0600101316
Action Type: RESPONSE
Date: 09/10/1986
Action: Soil and Water Investigation Report

LUST:
Global Id: T0600101316
Status: Open - Case Begin Date
Status Date: 09/17/1986

Global Id: T0600101316
Status: Completed - Case Closed
Status Date: 04/29/1998

HIST UST:
Name: STELLA DIORO BISCUIT CO. OF CA
Address: 1000 MONTAGUE ST
City,State,Zip: SAN LEANDRO, CA 94577
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000020429
Facility Type: Other
Other Type: WHLSE. BAKERY
Contact Name: D.J. CALARCO
Telephone: 4153572300
Owner Name: STELLA DIORO BISCUIT CO. OF CA
Owner Address: 1000 MONTAGUE AVE.
Owner City,St,Zip: SAN LEANDRO, CA 94577
Total Tanks: 0002

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Tank Num:	001
Container Num:	1
Year Installed:	1958
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	1958
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

HIST CORTESE:

edr_fname:	STELLA D'ORO BISCUIT COMP
edr_fadd1:	1000 MONTAGUE
City,State,Zip:	SAN LEANDRO, CA
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1425

NPDES:

Name:	MARATHON PACKING CORP
Address:	1000 MONTAGUE ST
City,State,Zip:	SAN LEANDRO, CA 94577
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	332044
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I021155
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/20/2007
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1000 Montague St
Discharge Name:	Marathon Packing Corp
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	332044
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I021155
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/20/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Marathon Packing Corp
Discharge Address:	1000 Montague St
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	332044
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I021155
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:	05/09/2008
Processed Date:	09/20/2007
Status:	Active
Status Date:	09/20/2007
Place Size:	1.78
Place Size Unit:	Acres
Contact:	Micheal Weissenberger
Contact Title:	Vice President
Contact Phone:	510-895-2000
Contact Phone Ext:	Not reported
Contact Email:	mwsfo@mindspring.com
Operator Name:	Marathon Packing Corp
Operator Address:	1000 Montague St
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Wace Kon

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Operator Contact Title:	Quality Assurance Specialist
Operator Contact Phone:	510-895-2000
Operator Contact Phone Ext:	15
Operator Contact Email:	wace.kon@marathonpacking.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:	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:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Wace Kon
Certifier Title:	Quality Assurance Specialist
Certification Date:	06-OCT-15
Primary Sic:	2079-Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	MARATHON PACKING CORP
Address:	1000 MONTAGUE ST
City,State,Zip:	SAN LEANDRO, CA 94577
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:	2 01I021155
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	09/20/2007
Operator Name:	Marathon Packing Corp
Operator Address:	1000 Montague St
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	332044
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I021155
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/20/2007
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Marathon Packing Corp
Discharge Address:	1000 Montague St
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	332044
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I021155
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:	05/09/2008
Processed Date:	09/20/2007
Status:	Active
Status Date:	09/20/2007

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Place Size:	1.78
Place Size Unit:	Acres
Contact:	Micheal Weissenberger
Contact Title:	Vice President
Contact Phone:	510-895-2000
Contact Phone Ext:	Not reported
Contact Email:	mwsfo@mindspring.com
Operator Name:	Marathon Packing Corp
Operator Address:	1000 Montague St
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Wace Kon
Operator Contact Title:	Quality Assurance Specialist
Operator Contact Phone:	510-895-2000
Operator Contact Phone Ext:	15
Operator Contact Email:	wace.kon@marathonpacking.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:	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:	N
Receiving Water Name:	San Francisco Bay
Certifier:	Wace Kon
Certifier Title:	Quality Assurance Specialist
Certification Date:	06-OCT-15
Primary Sic:	2079-Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	Marathon Packing Corp

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Address:	1000 MONTAGUE ST
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Marathon Packing Corp
Agency Address:	1000 Montague St, San Leandro, CA 94577
Place/Project Type:	Industrial - Shortening, Table Oils, Margarine, and Other Edible Fats and Oils, NEC
SIC/NAICS:	2079
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I021155
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	09/20/2007
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:	37.70963
Longitude:	-122.1592

CERS:

Name:	MARATHON PACKING CORP
Address:	1000 MONTAGUE ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	536322
CERS ID:	657398
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	536322
Site Name:	Marathon Packing Corp
Violation Date:	07-02-2008
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Failure to submit the 2007-2008 Annual Report by 7/1/08 due date.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

Site ID:	536322
Site Name:	Marathon Packing Corp
Violation Date:	07-02-2013
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	missing annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2010
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: No major permit violations observed during site inspection. Recommend denial of No Exposure Certification based on observations of outdoor product storage and handling, evidence of routine out door spillage (relatively minor), and historic record of a major product spill outdoors, exemption from sampling and analyses requirement is not approved. Recommend pursuing submittal of 2009/10 Annual Report but not enforcement due to Water Board staff not being able to inspect/determine need for permit, as requested by facility, until after Annual Report due date
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2007
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Olive oil spill. Cleanup and BMP improvements required.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 536322
Site Name: Marathon Packing Corp
Site Address: 1000 MONTAGUE ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 01-30-2014
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Notice of Noncompliance for missing 2012-13 Annual Report
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Site ID: 536322
Site Name: Marathon Packing Corp
Site Address: 1000 MONTAGUE ST
Site City: SAN LEANDRO
Site Zip: 94577
Enf Action Date: 08-22-2008
Enf Action Type: Notice of Non-Compliance for Non-Filers
Enf Action Description: Notice of Non-Compliance for Non-Filers
Enf Action Notes: N/A
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator

STELLA D'ORO BISCUIT COMPANY (Continued) **U001598482**

Entity Name:	Marathon Packing Corp
Entity Title:	Operator
Affiliation Address:	1000 Montague St
Affiliation City:	San Leandro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94577
Affiliation Phone:	,

W131 **PALACE GARAGE** **UST FINDER RELEASE** **1029088862**
ENE **14336 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.439 mi.
2317 ft. **Site 3 of 4 in cluster W**

Relative:
Higher

Actual:
39 ft.

UST FINDER RELEASE:

Object ID:	43135
Facility ID:	Not reported
Lust ID:	CAT0600101043
Name:	PALACE GARAGE
Address:	14336 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1107
Domestic Wells within 1500ft:	1
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.14362
Y Coord:	37.7056400000001
Latitude:	37.70564
Longitude:	-122.143619999999

W132 **PALACE GARAGE** **LUST** **S102434931**
ENE **14336 WASHINGTON AVE** **Alameda County CS** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **Cortese**
0.439 mi. **HIST CORTESE**
2317 ft. **Site 4 of 4 in cluster W** **CERS**

Relative:
Higher

Actual:
39 ft.

LUST:

Name:	PALACE GARAGE
Address:	14336 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101043
Latitude:	37.7059715334131
Longitude:	-122.143088579178
Status:	Completed - Case Closed
Status Date:	06/05/2018
Case Worker:	MD
RB Case Number:	01-1133
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000208
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Benzene, Ethylbenzene, Gasoline, MTBE / TBA / Other Fuel Oxygenates, Naphthalene, Toluene, Xylene
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	02/01/1991
Leak Reported Date:	02/01/1991
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Close and Remove Tank
Stop Description:	Removal
No Further Action Date:	06/05/2018
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	56-60%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not all historic documents for the fuel leak case may be available on GeoTracker. Additional documents can be viewed over the Internet on the Alameda County Department of Environmental Health website (http://www.acgov.org/aceh/lop/ust.htm). Both databases should be reviewed to obtain a complete history. In February 1991 a UST, a dispenser, and associated piping was removed from the subject site. Overexcavation (4 5 cubic yards) is documented to have occurred thereafter. Four soil bores were installed in February 1999, three additional soil bores in March 1999, and an additional eight in July 1999. Soil and grab groundwater samples were collected to help characterize the site. Three wells were installed in May 2000, and a

PALACE GARAGE (Continued) **S102434931**

fourth well was installed in December 2002, along with another soil bore. Groundwater monitoring has occurred intermittently since December 2002. Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historic case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp.

LUST:
Global Id: T0600101043
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: MARK DETTERMAN
Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: mark.detterman@acgov.org
Phone Number: 5105676876

Global Id: T0600101043
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/10/2017
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 04/09/2018
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/09/2017
Action: Notice of Responsibility

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/06/2011
Action: Deadline Extension

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 01/16/2015
Action: Verbal Communication

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 04/20/2018
Action: Staff Letter

PALACE GARAGE (Continued) **S102434931**

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/05/2017
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600101043
Action Type: Other
Date: 02/01/1991
Action: Leak Discovery

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/08/2013
Action: Monitoring Report - Quarterly

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/18/2015
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 01/29/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/09/2008
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/21/2008
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 08/18/2017
Action: Other Report / Document

Global Id: T0600101043
Action Type: RESPONSE
Date: 06/01/2011
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/30/2015
Action: Interim Remedial Action Report

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/23/2015
Action: Staff Letter - #20151023

Global Id: T0600101043
Action Type: ENFORCEMENT

PALACE GARAGE (Continued) **S102434931**

Date: 06/11/2014
Action: Staff Letter - #20140611

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 03/14/2014
Action: Staff Letter - #20140314

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/30/2016
Action: Staff Letter - #20160630

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 01/09/2017
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 09/24/2015
Action: Staff Letter - #20150924

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 08/19/2014
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: Verbal Communication

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 12/31/2007
Action: Preliminary Site Review

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/09/2017
Action: Notice of Responsibility

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/12/2013
Action: Monitoring Report - Quarterly

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/08/2013
Action: Fact Sheets - Public Participation

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Correspondence

PALACE GARAGE (Continued) **S102434931**

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/31/2017
Action: Site Assessment Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Monitoring Report - Other

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 05/18/2011
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/05/2011
Action: Staff Letter - #20111005

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 12/15/2011
Action: Staff Letter - #20111215

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 01/24/2013
Action: Staff Letter - #20130124

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 08/22/2013
Action: Staff Letter - #20130822

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/22/2001
Action: Staff Letter - #20011022

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 05/29/2013
Action: Staff Letter - #20130529

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/21/2012
Action: Staff Letter - #20120621

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 01/21/2014
Action: Staff Letter - #20140121

Global Id: T0600101043
Action Type: ENFORCEMENT

PALACE GARAGE (Continued) **S102434931**

Date: 08/14/2014
Action: Staff Letter - #20140814

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 02/16/2016
Action: Staff Letter - #20160216

Global Id: T0600101043
Action Type: Other
Date: 02/01/1991
Action: Leak Reported

Global Id: T0600101043
Action Type: RESPONSE
Date: 08/31/2012
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/13/2012
Action: Electronic Reporting Submittal Due

Global Id: T0600101043
Action Type: RESPONSE
Date: 10/12/2012
Action: Monitoring Report - Quarterly

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/03/2002
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 02/10/2003
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 04/09/1999
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/08/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 02/17/1999
Action: Preliminary Site Assessment Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 02/17/1999
Action: Preliminary Site Assessment Report

PALACE GARAGE (Continued) **S102434931**

Global Id: T0600101043
Action Type: RESPONSE
Date: 08/25/1999
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 06/23/2000
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 05/28/1993
Action: Other Report / Document

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/10/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0600101043
Action Type: RESPONSE
Date: 10/31/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/09/2008
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/12/2015
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Monitoring Report - Other

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Other Workplan

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Other Workplan

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/11/2013
Action: Fact Sheets - Public Participation

Global Id: T0600101043
Action Type: ENFORCEMENT

PALACE GARAGE (Continued) **S102434931**

Date: 09/02/2008
Action: Staff Letter - #20080902

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 08/01/2017
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/10/2017
Action: Fact Sheets - Public Participation

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/12/2009
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/16/2009
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 02/01/2013
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Deadline Extension

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/14/2013
Action: Deadline Extension

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 04/21/1993
Action: Notice of Responsibility

Global Id: T0600101043
Action Type: Other
Date: 02/01/1991
Action: Leak Stopped

Global Id: T0600101043
Action Type: RESPONSE
Date: 11/11/2011
Action: Soil and Water Investigation Workplan - Addendum

PALACE GARAGE (Continued) **S102434931**

Global Id: T0600101043
Action Type: RESPONSE
Date: 04/13/2012
Action: Pilot Study/ Treatability Report

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/22/2015
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600101043
Action Type: RESPONSE
Date: 08/15/2016
Action: Electronic Reporting Submittal Due

Global Id: T0600101043
Action Type: RESPONSE
Date: 08/13/2014
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/07/2018
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Other Workplan

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Other Workplan

Global Id: T0600101043
Action Type: RESPONSE
Date: 05/04/2015
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 02/27/2001
Action: Monitoring Report - Other

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/07/2017
Action: Soil and Water Investigation Report

Global Id: T0600101043
Action Type: ENFORCEMENT

PALACE GARAGE (Continued) **S102434931**

Date: 03/07/2018
Action: Notice of Responsibility

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 03/05/2013
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 05/24/2013
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 09/20/2013
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 08/19/2014
Action: Staff Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/23/2011
Action: Verbal Communication

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 01/12/2018
Action: Technical Correspondence / Assistance / Other

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 12/31/2007
Action: Verbal Communication

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 06/05/2018
Action: Closure/No Further Action Letter

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 02/02/2015
Action: Deadline Extension

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 11/17/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600101043
Action Type: ENFORCEMENT
Date: 10/01/2010
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

PALACE GARAGE (Continued) **S102434931**

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/22/2011
Action: Soil and Water Investigation Workplan

Global Id: T0600101043
Action Type: RESPONSE
Date: 10/14/2016
Action: Monitoring Report - Quarterly

Global Id: T0600101043
Action Type: RESPONSE
Date: 06/11/2018
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 12/31/2007
Action: Monitoring Report - Other

Global Id: T0600101043
Action Type: RESPONSE
Date: 04/08/2010
Action: Correspondence

Global Id: T0600101043
Action Type: RESPONSE
Date: 06/18/2018
Action: Well Destruction Report

Global Id: T0600101043
Action Type: RESPONSE
Date: 03/01/2013
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 06/28/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 11/22/2013
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 09/02/2014
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 07/10/2015
Action: Final Remedial Action Report / Corrective Action Report - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE

PALACE GARAGE (Continued) **S102434931**

Date: 12/18/2015
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 01/27/2017
Action: Request for Closure - Regulator Responded

Global Id: T0600101043
Action Type: RESPONSE
Date: 04/29/2016
Action: Soil Vapor Intrusion Investigation Report - Regulator Responded

LUST:
Global Id: T0600101043
Status: Open - Case Begin Date
Status Date: 02/01/1991

Global Id: T0600101043
Status: Open - Site Assessment
Status Date: 01/29/1999

Global Id: T0600101043
Status: Open - Assessment & Interim Remedial Action
Status Date: 12/15/2011

Global Id: T0600101043
Status: Open - Verification Monitoring
Status Date: 09/24/2015

Global Id: T0600101043
Status: Open - Eligible for Closure
Status Date: 04/09/2018

Global Id: T0600101043
Status: Completed - Case Closed
Status Date: 06/05/2018

LUST REG 2:
Region: 2
Facility Id: 01-1133
Facility Status: Pollution Characterization
Case Number: 2355
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 4/21/1993
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 11/4/1997
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

PALACE GARAGE (Continued) **S102434931**

Alameda County CS:
- Name: PALACE GARAGE
- Address: 14336 WASHINGTON AVE
- City,State,Zip: SAN LEANDRO, CA 94578
- Status: Pollution Characterization
- Record Id: RO0000208
- PE: 5602
- Facility Status: Pollution Charaterization
- Latitude: 37.704910275
- Longitude: -122.14298854

CORTESE:
- Name: PALACE GARAGE
- Address: 14336 WASHINGTON AVE
- City,State,Zip: SAN LEANDRO, CA 94578
- Region: CORTESE
- Envirostor Id: Not reported
- Global ID: T0600101043
- 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

HIST CORTESE:
- edr_fname: PALACE GARAGE
- edr_fadd1: 14336 WASHINGTON
- City,State,Zip: SAN LEANDRO, CA 94578
- Region: CORTESE
- Facility County Code: 1
- Reg By: LTNKA
- Reg Id: 01-1133

CERS:
- Name: PALACE GARAGE
- Address: 14336 WASHINGTON AVE
- City,State,Zip: SAN LEANDRO, CA 94578
- Site ID: 876960
- CERS ID: T0600101043
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker

PALACE GARAGE (Continued) **S102434931**

Entity Name:	MARK DETTERMAN - ALAMEDA COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1131 HARBOR BAY PARKWAY
Affiliation City:	ALAMEDA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5105676876,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Y133 **STEELFORM CONTRACTING COMPANY** **UST FINDER RELEASE** **1029111515**
East **14340 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
0.447 mi.
2358 ft. **Site 3 of 4 in cluster Y**

Relative: **Higher**
Actual: **39 ft.**

UST FINDER RELEASE:

Object ID:	43137
Facility ID:	Not reported
Lust ID:	CAT0600101315
Name:	STEELFORM CONTRACTING COMPANY
Address:	14340 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1113
Domestic Wells within 1500ft:	1
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported

STEELFORM CONTRACTING COMPANY (Continued) **1029111515**

Coordinate Source:	Geocode
X Coord:	-122.14347
Y Coord:	37.7054000000001
Latitude:	37.7053999999999
Longitude:	-122.143469999999

Y134 **STEELFORM CONTRACTING COMPANY** **LUST** **S101629602**
East **14340 WASHINGTON AVE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **CA FID UST**
0.447 mi. **Cortese**
2358 ft. **Site 4 of 4 in cluster Y** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
39 ft.

LUST:

Name:	STEELFORM CONTRACTING COMPANY
Address:	14340 WASHINGTON AVE
City,State,Zip:	SAN LEANDRO, CA 94578
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101315
Latitude:	37.705826
Longitude:	-122.142501
Status:	Completed - Case Closed
Status Date:	08/21/2000
Case Worker:	UNK
RB Case Number:	01-1424
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1424
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	05/15/1986
Leak Reported Date:	08/22/1986
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/21/2000
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	56-60%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101315

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101315
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101315
Action Type: ENFORCEMENT
Date: 08/10/2000
Action: Closure/No Further Action Letter - #File No. 2198.17

Global Id: T0600101315
Action Type: Other
Date: 08/22/1986
Action: Leak Discovery

Global Id: T0600101315
Action Type: Other
Date: 08/22/1986
Action: Leak Reported

Global Id: T0600101315
Action Type: RESPONSE
Date: 03/23/1988
Action: Monitoring Report - Semi-Annually

Global Id: T0600101315
Action Type: RESPONSE
Date: 03/18/1987
Action: Monitoring Report - Semi-Annually

Global Id: T0600101315
Action Type: ENFORCEMENT
Date: 08/10/2000
Action: Closure Summary

Global Id: T0600101315
Action Type: ENFORCEMENT
Date: 05/03/2000
Action: Other Report

Global Id: T0600101315
Action Type: Other
Date: 08/22/1986
Action: Leak Stopped

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

Global Id: T0600101315
Action Type: RESPONSE
Date: 01/21/1994
Action: Other Report / Document

Global Id: T0600101315
Action Type: RESPONSE
Date: 04/10/1990
Action: Unauthorized Release Form

Global Id: T0600101315
Action Type: RESPONSE
Date: 07/16/1998
Action: Unauthorized Release Form

Global Id: T0600101315
Action Type: RESPONSE
Date: 07/29/1986
Action: Well Installation Report

LUST:
Global Id: T0600101315
Status: Open - Case Begin Date
Status Date: 05/15/1986

Global Id: T0600101315
Status: Open - Site Assessment
Status Date: 05/15/1986

Global Id: T0600101315
Status: Open - Site Assessment
Status Date: 07/07/1986

Global Id: T0600101315
Status: Completed - Case Closed
Status Date: 08/21/2000

LUST REG 2:
Region: 2
Facility Id: 01-1424
Facility Status: Case Closed
Case Number: 01-1424
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 5/15/1986
Preliminary Site Assesment Began: 7/7/1986
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

SWEEPS UST:

Name:	STEELFORM CONTRACTING COMPANY
Address:	14340 WASHINGTON AVE
City:	SAN LEANDRO
Status:	Active
Comp Number:	9725
Number:	9
Board Of Equalization:	44-001070
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	01-007-009725-000001
Tank Status:	A
Capacity:	2000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	STEELFORM CONTRACTING COMPANY
Address:	14340 WASHINGTON AVE
City:	SAN LEANDRO
Status:	Active
Comp Number:	9725
Number:	9
Board Of Equalization:	44-001070
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	01-007-009725-000002
Tank Status:	A
Capacity:	2000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01001538
Regulated By:	UTNKA
Regulated ID:	00009725
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4153572432
Mail To:	Not reported
Mailing Address:	14340 WASHINGTON AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN LEANDRO 94578
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: STEELFORM CONTRACTING COMPANY
Address: 14340 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101315
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

HIST CORTESE:
edr_fname: STEELFORM CONTRACTING COM
edr_fadd1: 14340 WASHINGTON
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1424

CERS:
Name: STEELFORM CONTRACTING COMPANY
Address: 14340 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 94578
Site ID: 897891
CERS ID: T0600101315
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: UNK - SAN LEANDRO, CITY OF
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: r2 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AB135 **STELLA D'ORO BISCUIT COMPANY** **UST FINDER RELEASE** **1029111590**
NNW **1000 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.457 mi.
2412 ft. **Site 1 of 2 in cluster AB**

Relative: **Higher**
Actual: **36 ft.**

UST FINDER RELEASE:

Object ID: 42992
Facility ID: Not reported
Lust ID: CAT0600101316
Name: STELLA D'ORO BISCUIT COMPANY
Address: 1000 MONTAGUE AVE
City,State,Zip: SAN LEANDRO, CA 94577
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 49
Domestic Wells within 1500ft: 0
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: CA0103041_12346
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 180500040805
Within 100yr Floodplain: No
Tribe: Not reported
EPA Region: 9
NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -122.15774
Y Coord: 37.7101900000001
Latitude: 37.7101899999999
Longitude: -122.15774

AB136 **STELLA D'ORO BISCUIT COMPANY** **LUST** **S105033967**
NNW **1000 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.457 mi.
2412 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
36 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1425
Facility Status:	Case Closed
Case Number:	01-1425
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	STELLA D'ORO BISCUIT COMPANY
Address:	1000 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101316
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

AC137 **RAINBO DISTRIBUTORS** **UST FINDER RELEASE** **1029095332**
NNW **828 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.458 mi.
2416 ft. **Site 1 of 9 in cluster AC**

Relative:
Higher

Actual:
40 ft.

UST FINDER RELEASE:

Object ID:	43005
Facility ID:	Not reported
Lust ID:	CAT0600101963

RAINBO DISTRIBUTORS (Continued) **1029095332**

Name:	RAINBO DISTRIBUTORS
Address:	828 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	27
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15648
Y Coord:	37.71072
Latitude:	37.71072
Longitude:	-122.15648

AC138 **RAINBO DISTRIBUTORS** **LUST** **S102435654**
NNW **828 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.458 mi. **CERS**
2416 ft. **Site 2 of 9 in cluster AC**

Relative:
Higher

Actual:
40 ft.

LUST:

Name:	RAINBO DISTRIBUTORS
Address:	828 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101963
Latitude:	37.710413
Longitude:	-122.156285
Status:	Completed - Case Closed
Status Date:	11/14/1997
Case Worker:	UNK
RB Case Number:	01-2137
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-2137

RAINBO DISTRIBUTORS (Continued) **S102435654**

Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/15/1992
Leak Reported Date:	01/15/1992
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	11/14/1997
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101963
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101963
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	SAN LEANDRO, CITY OF
Address:	Not reported
City:	r2 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101963
Action Type:	Other
Date:	01/15/1992
Action:	Leak Discovery

Global Id:	T0600101963
Action Type:	RESPONSE
Date:	06/07/1996
Action:	Request for Closure

Global Id:	T0600101963
Action Type:	Other

RAINBO DISTRIBUTORS (Continued) **S102435654**

Date: 01/15/1992
Action: Leak Reported

Global Id: T0600101963
Action Type: RESPONSE
Date: 01/11/1996
Action: Correspondence

Global Id: T0600101963
Action Type: ENFORCEMENT
Date: 06/11/1996
Action: Closure/No Further Action Letter

Global Id: T0600101963
Action Type: Other
Date: 01/22/1992
Action: Leak Stopped

Global Id: T0600101963
Action Type: RESPONSE
Date: 04/10/1995
Action: Correspondence

LUST:
Global Id: T0600101963
Status: Open - Case Begin Date
Status Date: 01/15/1992

Global Id: T0600101963
Status: Open - Site Assessment
Status Date: 02/01/1994

Global Id: T0600101963
Status: Open - Site Assessment
Status Date: 02/04/1994

Global Id: T0600101963
Status: Completed - Case Closed
Status Date: 11/14/1997

LUST REG 2:
Region: 2
Facility Id: 01-2137
Facility Status: Case Closed
Case Number: 01-2137
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 2/4/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 2/1/1994
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported

RAINBO DISTRIBUTORS (Continued) **S102435654**

Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Name:	RAINBO DISTRIBUTORS
Address:	828 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101963
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

HIST CORTESE:

edr_fname:	RAINBO DISTRIBUTORS
edr_fadd1:	828 MONTAGUE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2137

CERS:

Name:	RAINBO DISTRIBUTORS
Address:	828 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	849746
CERS ID:	T0600101963
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

RAINBO DISTRIBUTORS (Continued) **S102435654**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AD139 **WELLS FARGO BANK** **UST FINDER RELEASE** **1029129666**
NW **1188 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.458 mi.
2418 ft. **Site 1 of 4 in cluster AD**

Relative:
Higher

Actual:
33 ft.

UST FINDER RELEASE:

Object ID:	42927
Facility ID:	Not reported
Lust ID:	CAT0600101785
Name:	WELLS FARGO BANK
Address:	1188 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	86
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.16008
Y Coord:	37.70921
Latitude:	37.7092099999999
Longitude:	-122.160079999999

AD140 **WELLS FARGO BANK** **LUST** **S100948199**
NW **1188 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.458 mi. **CERS**
2418 ft. **Site 2 of 4 in cluster AD**

Relative:
Higher

Actual:
33 ft.

LUST:

Name:	WELLS FARGO BANK
Address:	1188 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101785
Latitude:	37.708893
Longitude:	-122.159857
Status:	Completed - Case Closed
Status Date:	11/02/1995
Case Worker:	UNK
RB Case Number:	01-1925
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1925
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	11/17/1993
Leak Reported Date:	11/23/1993
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Piping
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	11/02/1995
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101785
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101785

WELLS FARGO BANK (Continued) **S100948199**

Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101785
Action Type: ENFORCEMENT
Date: 09/24/1996
Action: Closure Summary

Global Id: T0600101785
Action Type: Other
Date: 11/23/1993
Action: Leak Reported

Global Id: T0600101785
Action Type: ENFORCEMENT
Date: 06/26/1996
Action: Clean Up Fund - Letter to RP

Global Id: T0600101785
Action Type: Other
Date: 11/17/1993
Action: Leak Stopped

Global Id: T0600101785
Action Type: ENFORCEMENT
Date: 10/25/1995
Action: LOP Case Closure Summary to RB

Global Id: T0600101785
Action Type: Other
Date: 11/17/1993
Action: Leak Discovery

LUST:
Global Id: T0600101785
Status: Open - Case Begin Date
Status Date: 11/17/1993

Global Id: T0600101785
Status: Open - Site Assessment
Status Date: 02/02/1994

Global Id: T0600101785
Status: Completed - Case Closed
Status Date: 11/02/1995

LUST REG 2:
Region: 2
Facility Id: 01-1925

WELLS FARGO BANK (Continued) **S100948199**

Facility Status: Case Closed
Case Number: 01-1925
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Piping
Date Leak Confirmed: 2/2/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 2/2/1994
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:
Name: WELLS FARGO BANK
Address: 1188 MONTAGUE AVE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101785
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

HIST CORTESE:
edr_fname: WELLS FARGO BANK
edr_fadd1: 1188 MONTAGUE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1925

CERS:
Name: WELLS FARGO BANK
Address: 1188 MONTAGUE AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 848579
CERS ID: T0600101785
CERS Description: Leaking Underground Storage Tank Cleanup Site

WELLS FARGO BANK (Continued) **S100948199**

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AA141 **NOVA INDUSTRIES INC** **RCRA-SQG** **1000142731**
NNW **999 MONTAGUE AVENUE** **FINDS** **CAD009126152**
1/4-1/2 **SAN LEANDRO, CA 94577** **ECHO**
0.465 mi. **EMI**
2453 ft. **Site 2 of 2 in cluster AA** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
37 ft.

RCRA Listings:

Date Form Received by Agency:	20060418
Handler Name:	Nova Industries
Handler Address:	999 Montague St
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD009126152
Contact Name:	CATHERINE L CHAPIN
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	510-357-3882
Contact Fax:	Not reported
Contact Email:	NOVAINDUSTRIES@YAHOO.COM
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:	999 MONTAGUE ST
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Hayward Investments
Owner Type:	Private
Operator Name:	James R. Borden
Operator Type:	Private

NOVA INDUSTRIES INC (Continued) **1000142731**

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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	20070305
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: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: Ignitable Waste

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: HAYWARD INVESTMENTS
Legal Status: Private
Date Became Current: 19650101
Date Ended Current: Not reported

NOVA INDUSTRIES INC (Continued) **1000142731**

Owner/Operator Address:	686 MARIN DR
Owner/Operator City,State,Zip:	LEMOORE, CA 93245
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: NOVA INDUSTRIES INC	
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: HAYWARD INVESTMENTS	
Legal Status:	Private
Date Became Current:	19650101
Date Ended Current:	Not reported
Owner/Operator Address:	686 MARIN DR
Owner/Operator City,State,Zip:	LEMOORE, CA 93245
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: 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:	Operator
Owner/Operator Name: JAMES R. BORDEN	
Legal Status:	Private
Date Became Current:	20050804
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: JAMES R. BORDEN	

NOVA INDUSTRIES INC (Continued) **1000142731**

Legal Status:	Private
Date Became Current:	20050804
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:	19960901
Handler Name: NOVA INDUSTRIES INC	
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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060418
Handler Name: NOVA INDUSTRIES	
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:	19800711
Handler Name: NOVA INDUSTRIES INC	
Federal Waste Generator Description:	Large 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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060418
Handler Name: NOVA INDUSTRIES	
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

NOVA INDUSTRIES INC (Continued) **1000142731**

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: 335121
NAICS Description: RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

NAICS Code: 335122
NAICS Description: COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19880224
Actual Return to Compliance Date: 19880826
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19880821
Enforcement Identifier: 001
Date of Enforcement Action: 19880614
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9
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

NOVA INDUSTRIES INC (Continued) **1000142731**

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

Evaluation Action Summary:
Evaluation Date: 19880224
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880826
Scheduled Compliance Date: 19880821
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880224
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

NOVA INDUSTRIES INC (Continued) **1000142731**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110001198944

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
All generators and treatment, storage, and disposal (TSD) facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years. The data collected is used to create the National Biennial Resource Conservation and Recovery Act (RCRA) Hazardous Waste Report. This data is processed within the RCRA Information (RCRAInfo) database
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The Department of Labor, Occupational Safety and Health Administration information system consists of inspection case detail for approximately 100,000 OSHA inspections conducted annually. The FRS dataset includes facilities that had inspections within the last 7 years within the mining, oil and gas, utilities, and manufacturing sectors.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000142731
Registry ID: 110001198944

DFR URL:
Name: NOVA INDUSTRIES INC
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 94577

EMI:
Name: NOVA INDUSTRIES, INC
Address: 999 MONTAGUE AVENUE

NOVA INDUSTRIES INC (Continued) **1000142731**

City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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:	NOVA INDUSTRIES, INC
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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:	NOVA INDUSTRIES, INC
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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

NOVA INDUSTRIES INC (Continued) **1000142731**

Name:	NOVA INDUSTRIES, INC
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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:	NOVA INDUSTRIES, INC
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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:	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:	NOVA INDUSTRIES, INC
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	2556
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA 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

NOVA INDUSTRIES INC (Continued) **1000142731**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: NOVA INDUSTRIES, INC
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2003
County Code: 1
Air Basin: SF
Facility ID: 2556
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: NOVA INDUSTRIES, INC
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2004
County Code: 1
Air Basin: SF
Facility ID: 2556
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.093
Reactive Organic Gases Tons/Yr: 0.089749
Carbon Monoxide Emissions Tons/Yr: 0.01
NOX - Oxides of Nitrogen Tons/Yr: 0.041
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.000574

Name: NOVA INDUSTRIES, INC
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2005
County Code: 1
Air Basin: SF
Facility ID: 2556
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .093
Reactive Organic Gases Tons/Yr: .089749

NOVA INDUSTRIES INC (Continued) **1000142731**

Carbon Monoxide Emissions Tons/Yr: .012
NOX - Oxides of Nitrogen Tons/Yr: .046
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smllr Tons/Yr: .000574

Name: BORDEN LIGHTING
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2006
County Code: 1
Air Basin: SF
Facility ID: 18118
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .093
Reactive Organic Gases Tons/Yr: .089749
Carbon Monoxide Emissions Tons/Yr: .012
NOX - Oxides of Nitrogen Tons/Yr: .046
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smllr Tons/Yr: .000574

Name: BORDEN LIGHTING
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2007
County Code: 1
Air Basin: SF
Facility ID: 18118
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .002
Reactive Organic Gases Tons/Yr: .001661
Carbon Monoxide Emissions Tons/Yr: .012
NOX - Oxides of Nitrogen Tons/Yr: .048
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: .001
Part. Matter 10 Micrometers and Smllr Tons/Yr: .000574

Name: BORDEN LIGHTING
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
Year: 2008
County Code: 1
Air Basin: SF
Facility ID: 18118
Air District Name: BA
SIC Code: 3699
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported

NOVA INDUSTRIES INC (Continued) **1000142731**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.584
Reactive Organic Gases Tons/Yr:	.5764614
Carbon Monoxide Emissions Tons/Yr:	.012
NOX - Oxides of Nitrogen Tons/Yr:	.049
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.000574

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.58299999999999996
Reactive Organic Gases Tons/Yr:	0.57563089999999995
Carbon Monoxide Emissions Tons/Yr:	0.01
NOX - Oxides of Nitrogen Tons/Yr:	4.1000000000000002E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	5.7399999999999997E-4

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2010
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.1099999999999999
Reactive Organic Gases Tons/Yr:	1.9898178
Carbon Monoxide Emissions Tons/Yr:	0.01
NOX - Oxides of Nitrogen Tons/Yr:	4.1000000000000002E-2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00174216027874564
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA

NOVA INDUSTRIES INC (Continued) **1000142731**

SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.11
Reactive Organic Gases Tons/Yr:	1.893767
Carbon Monoxide Emissions Tons/Yr:	0.01
NOX - Oxides of Nitrogen Tons/Yr:	0.041
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.459
Reactive Organic Gases Tons/Yr:	3.2413668
Carbon Monoxide Emissions Tons/Yr:	0.011
NOX - Oxides of Nitrogen Tons/Yr:	0.043
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0017421602787
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.459
Reactive Organic Gases Tons/Yr:	3.2413668
Carbon Monoxide Emissions Tons/Yr:	0.011
NOX - Oxides of Nitrogen Tons/Yr:	0.043
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2014
County Code:	1

NOVA INDUSTRIES INC (Continued) **1000142731**

Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.243935492
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.008566665
NOX - Oxides of Nitrogen Tons/Yr:	0.034323194
SOX - Oxides of Sulphur Tons/Yr:	0.000139085
Particulate Matter Tons/Yr:	0.000734286
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000734286

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2015
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.886669522
Reactive Organic Gases Tons/Yr:	2.7078289866
Carbon Monoxide Emissions Tons/Yr:	0.008724999
NOX - Oxides of Nitrogen Tons/Yr:	0.03495758
SOX - Oxides of Sulphur Tons/Yr:	0.000141656
Particulate Matter Tons/Yr:	0.000747857
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000747857

Name:	BORDEN LIGHTING
Address:	999 MONTAGUE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2016
County Code:	1
Air Basin:	SF
Facility ID:	18118
Air District Name:	BA
SIC Code:	3699
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.8866697
Reactive Organic Gases Tons/Yr:	2.5162719754
Carbon Monoxide Emissions Tons/Yr:	0.008724999
NOX - Oxides of Nitrogen Tons/Yr:	0.034957584
SOX - Oxides of Sulphur Tons/Yr:	0.000141656
Particulate Matter Tons/Yr:	0.000747857
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000747857

HIST CORTESE:
edr_fname: KING CITY DISPOSAL

NOVA INDUSTRIES INC (Continued) **1000142731**

edr_fadd1: 999 MONTAGUE
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 2556

CERS:
Name: BORDEN LIGHTING
Address: 999 MONTAGUE AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 455253
CERS ID: 110054286562
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: KARLA PAREDES PEREZ
Entity Title: OFFICE MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: RANDY BORDEN
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 999 MONTAGUE ST
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: BORDEN LIGHTING
Entity Title: OWNER
Affiliation Address: 999 MONTAGUE ST
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: BORDEN LIGHTING
Entity Title: OPERATOR
Affiliation Address: 999 MONTAGUE ST
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AE142 **VAN BOKKELEN & SONS ESTATE** **LUST** **S100179424**
North **688 - 700 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.465 mi. **Notify 65**
2453 ft. **Site 1 of 2 in cluster AE** **CERS**

Relative:
Higher

Actual:
44 ft.

LUST:

Name:	VAN BOKKELEN & SONS ESTATE
Address:	688 - 700 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101506
Latitude:	37.711296
Longitude:	-122.154164
Status:	Completed - Case Closed
Status Date:	02/04/1994
Case Worker:	Not reported
RB Case Number:	01-1631
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	01-1631
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel, Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	01/20/1990
Leak Reported Date:	01/22/1990
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Physc / Mech Damage
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/04/1994
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101506
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

VAN BOKKELEN & SONS ESTATE (Continued) **S100179424**

LUST:
Global Id: T0600101506
Action Type: Other
Date: 01/22/1990
Action: Leak Discovery

Global Id: T0600101506
Action Type: ENFORCEMENT
Date: 02/04/1994
Action: Closure/No Further Action Letter

Global Id: T0600101506
Action Type: Other
Date: 01/22/1990
Action: Leak Reported

Global Id: T0600101506
Action Type: Other
Date: 01/22/1990
Action: Leak Stopped

LUST:
Global Id: T0600101506
Status: Open - Case Begin Date
Status Date: 01/20/1990

Global Id: T0600101506
Status: Open - Site Assessment
Status Date: 01/20/1990

Global Id: T0600101506
Status: Open - Site Assessment
Status Date: 12/12/1990

Global Id: T0600101506
Status: Open - Site Assessment
Status Date: 08/28/1991

Global Id: T0600101506
Status: Completed - Case Closed
Status Date: 02/04/1994

LUST REG 2:
Region: 2
Facility Id: 01-1631
Facility Status: Case Closed
Case Number: 01-1631
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 1/20/1990
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 12/12/1990
Preliminary Site Assesment Began: 8/28/1991
Pollution Characterization Began: Not reported

VAN BOKKELEN & SONS ESTATE (Continued) **S100179424**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CORTESE:

Name:	VAN BOKKELEN & SONS ESTATE
Address:	688 - 700 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101506
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

HIST CORTESE:

edr_fname:	VAN BOKKELEN & SONS
edr_fadd1:	688 MONTAGUE
City,State,Zip:	SAN LEANDRO, CA
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1631

NOTIFY 65:

Name:	NONE
Address:	688 MONTAGUE
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	VAN BOKKELEN & SONS ESTATE

VAN BOKKELEN & SONS ESTATE (Continued) **S100179424**

Address:	688 - 700 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	857726
CERS ID:	T0600101506
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AE143 **VAN BOKKELEN & SONS ESTATE** **UST FINDER RELEASE** **1029126540**
North **688 - 700 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.465 mi.
2453 ft. **Site 2 of 2 in cluster AE**

Relative: **Higher**

Actual: **44 ft.**

UST FINDER RELEASE:

Object ID:	43020
Facility ID:	Not reported
Lust ID:	CAT0600101506
Name:	VAN BOKKELEN & SONS ESTATE
Address:	688 - 700 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	86
Domestic Wells within 1500ft:	1
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15438

VAN BOKKELEN & SONS ESTATE (Continued) **1029126540**

Y Coord:	37.7116100000001
Latitude:	37.71161
Longitude:	-122.15438

AC144 **CONTINENTAL BAKING COMPANY** **UST FINDER RELEASE** **1028940611**
NNW **833 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.465 mi.
2455 ft. **Site 3 of 9 in cluster AC**

Relative:
Higher

Actual:
40 ft.

UST FINDER RELEASE:

Object ID:	43004
Facility ID:	Not reported
Lust ID:	CAT0600101822
Name:	CONTINENTAL BAKING COMPANY
Address:	833 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	30
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15675
Y Coord:	37.7106600000001
Latitude:	37.7106599999999
Longitude:	-122.15675

AC145 **CONTINENTAL BAKING COMPANY** **LUST** **S104396786**
NNW **833 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.465 mi. **CERS**
2455 ft. **Site 4 of 9 in cluster AC**

Relative:
Higher

Actual:
40 ft.

LUST:

Name:	CONTINENTAL BAKING COMPANY
Address:	833 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101822
Latitude:	37.710975
Longitude:	-122.15695
Status:	Completed - Case Closed
Status Date:	01/09/1997
Case Worker:	UNK
RB Case Number:	01-1972
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-1972
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/13/1990
Leak Reported Date:	10/26/1990
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Overfill
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	01/09/1997
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101822
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

Global Id:	T0600101822

CONTINENTAL BAKING COMPANY (Continued) **S104396786**

Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101822
Action Type: Other
Date: 08/13/1990
Action: Leak Discovery

Global Id: T0600101822
Action Type: Other
Date: 10/26/1990
Action: Leak Reported

Global Id: T0600101822
Action Type: Other
Date: 08/13/1990
Action: Leak Stopped

LUST:
Global Id: T0600101822
Status: Open - Case Begin Date
Status Date: 08/13/1990

Global Id: T0600101822
Status: Open - Site Assessment
Status Date: 09/18/1996

Global Id: T0600101822
Status: Completed - Case Closed
Status Date: 01/09/1997

LUST REG 2:
Region: 2
Facility Id: 01-1972
Facility Status: Case Closed
Case Number: 01-1972
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: Other Source
Date Leak Confirmed: 9/18/1996
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

CONTINENTAL BAKING COMPANY (Continued) **S104396786**

CORTESE:

Name:	CONTINENTAL BAKING COMPANY
Address:	833 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600101822
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

HIST CORTESE:

edr_fname:	CONTINENTAL BAKING COMPAN
edr_fadd1:	833 MONTAGUE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1972

CERS:

Name:	CONTINENTAL BAKING COMPANY
Address:	833 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	913983
CERS ID:	T0600101822
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

CONTINENTAL BAKING COMPANY (Continued) **S104396786**

Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AC146 **EVERGREEN** **UST FINDER RELEASE** **1028953803**
NNW **797 MONTAGUE AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.466 mi.
2458 ft. **Site 5 of 9 in cluster AC**

Relative:
Higher

Actual:
42 ft.

UST FINDER RELEASE:

Object ID:	43012
Facility ID:	Not reported
Lust ID:	CAT0600100531
Name:	EVERGREEN
Address:	797 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	37
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.1555
Y Coord:	37.71119
Latitude:	37.71119
Longitude:	-122.1555

AC147 **EVERGREEN** **LUST** **S105032971**
NNW **797 MONTAGUE AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.466 mi.
2458 ft. **Site 6 of 9 in cluster AC**

Relative:
Higher

Actual:
42 ft.

LUST REG 2:

Region:	2
Facility Id:	01-0578
Facility Status:	Case Closed
Case Number:	01-0578
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CORTESE:

Name:	EVERGREEN
Address:	797 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600100531
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

AC148 **EVERGREEN** **LUST** **U001598401**
NNW **797 MONTAGUE AVE** **HIST UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **HIST CORTESE**
0.466 mi. **CERS**
2458 ft. **Site 7 of 9 in cluster AC**

Relative:
Higher

Actual:
42 ft.

LUST:

Name:	EVERGREEN
Address:	797 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577

EVERGREEN (Continued) **U001598401**

Lead Agency: SAN LEANDRO, CITY OF
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600100531
Latitude: 37.711488
Longitude: -122.155727
Status: Completed - Case Closed
Status Date: 10/11/1995
Case Worker: UNK
RB Case Number: 01-0578
Local Agency: SAN LEANDRO, CITY OF
File Location: Not reported
Local Case Number: 01-0578
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 07/28/1986
Leak Reported Date: 07/28/1986
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Physc / Mech Damage
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/11/1995
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 81-85%
CA Enviroscreen 4 Score: 75-80%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600100531
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600100531
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

EVERGREEN (Continued) **U001598401**

LUST:
Global Id: T0600100531
Action Type: Other
Date: 07/28/1986
Action: Leak Discovery

Global Id: T0600100531
Action Type: ENFORCEMENT
Date: 10/12/1995
Action: Closure/No Further Action Letter

Global Id: T0600100531
Action Type: ENFORCEMENT
Date: 10/12/1995
Action: Closure/No Further Action Letter

Global Id: T0600100531
Action Type: Other
Date: 07/28/1986
Action: Leak Reported

Global Id: T0600100531
Action Type: Other
Date: 07/28/1986
Action: Leak Stopped

LUST:
Global Id: T0600100531
Status: Open - Case Begin Date
Status Date: 07/28/1986

Global Id: T0600100531
Status: Completed - Case Closed
Status Date: 10/11/1995

HIST UST:
Name: EVERGREEN PROGRAM
Address: 797 MONTAGUE ST
City,State,Zip: SAN LEANDRO, CA 94577
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000006980
Facility Type: Other
Other Type: SCHOOL
Contact Name: AGNES SULLIVAN
Telephone: 4158952838
Owner Name: BARBARA COX
Owner Address: 326 MAGNOLIA AVE
Owner City,St,Zip: PIEDMONT, CA 94610
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported

EVERGREEN (Continued) **U001598401**

Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 10
Leak Detection: Stock Inventor

HIST CORTESE:
edr_fname: EVERGREEN
edr_fadd1: 797 MONTAGUE
City,State,Zip: SAN LEANDRO, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0578

CERS:
Name: EVERGREEN
Address: 797 MONTAGUE AVE
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 897853
CERS ID: T0600100531
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: UNK - SAN LEANDRO, CITY OF
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: r2 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

149
North
1/4-1/2
0.481 mi.
2538 ft.

Relative:
Higher

Actual:
47 ft.

OLIVER WIRE AND PLATING CO INC **RCRA-SQG** **1000430764**
555 MONTAGUE AVE **CPS-SLIC** **CAD009155615**
SAN LEANDRO, CA 94577 **FINDS**
ECHO
PFAS
CHROME PLATING
NON-CASE INFO

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: Oliver Wire And Plating Co Inc
Handler Address: Montague Ave

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAD009155615
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
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:	2
Mailing Address:	MONTAGUE AVE
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Not Required
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 State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed 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
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

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

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: 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:	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:	19960901
Handler Name: OLIVER WIRE AND PLATING CO INC	
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

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

Evaluation Action Summary:
Evaluations: No Evaluations Found

SLIC REG 2:
Region: 2
Facility ID: 01S0092
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Date Confirmed: Not reported
Date Prelim Site Assmnt Workplan Submitted: Not reported
Date Preliminary Site Assessment Began: 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 Began: Not reported

FINDS:
Registry ID: 110002635676

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000430764
Registry ID: 110002635676

DFR URL:
Name: OLIVER WIRE AND PLATING CO INC
Address: 555 MONTAGUE AVE
City,State,Zip: SAN LEANDRO, CA 94577

PFAS:
Name: OLIVER WIRE AND PLATING COMPANY
Address: 555 MONTAGUE AVE

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

City,State,Zip:	SAN LEANDRO, CA 94577
Envirostor ID:	Not reported
Program Type:	Non-Case Information
Status:	Informational Item / Review Complete
Status Date:	02/15/2023
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	SLT2O299190
Facility Region:	Not reported
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case worker:	UUU
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Potential Contaminants of Concern:	Chromium, Copper, Nickel, Zinc, Per- and Polyfluoroalkyl Substances (PFAS)
Potential Media Affected:	Soil
Site History:	Explosion at site in 1987. Metals contamination in surface soil was documented in 1987. Surface soil in "explosion area" in front of southwest corner of building in parking lot was contaminated with Cr, Cu, Ni, and Zn. Surface soil in pipe discharge area behind the southeast part of the building was contaminated with cyanide, zinc, and nickel. In 1988, Alameda County Health Care Services Agency issued a September 26, 1988, letter that documented satisfactory cleanup of the building interior and exterior areas with removal of 165 drums of hazardous waste from the site. The letter states that the levels of chrome and nickel found underneath the concrete floor are not considered significant to pose a hazard to the environment as they will be sealed in place with the new concrete floor.
Begin Date:	03/08/2001
RB Case Number:	01S0092
source_type:	Geotracker
Location ID:	Not reported
Matrix:	Not reported
Chemical:	Not reported
Qualifier:	Not reported
Value:	Not reported
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	Not reported
Date:	Not reported
Field Pt Class:	Not reported
Site Use:	Not reported
Site Type:	Not reported
Latitude:	37.71181
Longitude:	-122.15246

Geo Tracker URL:

CHROME PLATING:

Geo Tracked ID:	SLT2O299190
Name:	OLIVER WIRE AND PLATING COMPANY
Address:	555 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

Region:	San Francisco Bay
Latitude:	37.71181
Longitude:	-122.15246

Contact URL:

Geo Tracker URL:

NON-CASE INFO:

Name:	OLIVER WIRE AND PLATING COMPANY
Address:	555 MONTAGUE AVE
City,State,Zip:	SAN LEANDRO, CA 94577
Global ID:	SLT2O299190
Case Type:	Non-Case Information
Status:	Informational Item / Review Complete
Status Date:	02/15/2023
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	01S0092
Loc Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Potential Contaminants of Concern:	Chromium, Copper, Nickel, Zinc, Per- and Polyfluoroalkyl Substances (PFAS)
Potential Media Affected:	Soil
Site History:	Explosion at site in 1987. Metals contamination in surface soil was documented in 1987. Surface soil in "explosion area" in front of southwest corner of building in parking lot was contaminated with Cr, Cu, Ni, and Zn. Surface soil in pipe discharge area behind the southeast part of the building was contaminated with cyanide, zinc, and nickel. In 1988, Alameda County Health Care Services Agency issued a September 26, 1988, letter that documented satisfactory cleanup of the building interior and exterior areas with removal of 165 drums of hazardous waste from the site. The letter states that the levels of chrome and nickel found underneath the concrete floor are not considered significant to pose a hazard to the environment as they will be sealed in place with the new concrete floor.
Begin Date:	03/08/2001
How Discovered:	Facility Inspection
How Discovered Description:	Soil sampling in 1987 for metals found chromium at 1500 ppb, copper at 1040 ppb, nickel at 11000 ppb and zinc at 4700 ppb
Stop Method:	Other Means
Stop Description:	165 drums of soil was excavated and disposed offsite and an new concrete floor was construc
Latitude:	37.71181
Longitude:	-122.15246

Geotracker:

EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Leak Reported Date:	08/09/1987
Discharge Source:	Other
Discharge Cause:	Other
No Further Action Date:	Not reported
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)

OLIVER WIRE AND PLATING CO INC (Continued) **1000430764**

Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)

AC150 **ALTNOW DEVELOPMENT** **UST FINDER RELEASE** **1028916140**
NNW **2595 ALVARADO ST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.486 mi.
2565 ft. **Site 8 of 9 in cluster AC**

Relative:
Higher

Actual:
41 ft.

UST FINDER RELEASE:

Object ID:	43011
Facility ID:	Not reported
Lust ID:	CAT10000003620
Name:	ALTNOW DEVELOPMENT
Address:	2595 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	50
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.15606
Y Coord:	37.7113200000001
Latitude:	37.71132
Longitude:	-122.156059999999

AC151 **ALTNOW DEVELOPMENT** **LUST** **U001598389**
NNW **2595 ALVARADO ST** **HIST UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **Cortese**
0.486 mi. **CERS**
2565 ft. **Site 9 of 9 in cluster AC**

Relative:
Higher

Actual:
41 ft.

LUST:

Name:	ALTNOW DEVELOPMENT
Address:	2595 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T10000003620
Latitude:	37.7113486280705
Longitude:	-122.156240791082
Status:	Completed - Case Closed
Status Date:	10/22/2012
Case Worker:	Not reported
RB Case Number:	01-3589
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil, Under Investigation
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	11/16/2011
Leak Reported Date:	02/06/2012
How Discovered:	Tank Closure
How Discovered Description:	soil sample under tank
Discharge Source:	Tank
Discharge Cause:	Overfill, Unknown
Stop Method:	Close and Remove Tank
Stop Description:	tanks removed
No Further Action Date:	10/22/2012
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T10000003620
Action Type:	RESPONSE
Date:	05/02/2013
Action:	Request for Closure

Global Id:	T10000003620
Action Type:	RESPONSE
Date:	02/01/2013
Action:	Soil and Water Investigation Report

ALTNOW DEVELOPMENT (Continued) **U001598389**

Global Id: T10000003620
Action Type: RESPONSE
Date: 09/26/2012
Action: Well Installation Report

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 08/08/2012
Action: Letter - Notice

Global Id: T10000003620
Action Type: RESPONSE
Date: 05/02/2012
Action: Soil and Water Investigation Workplan

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 03/30/2012
Action: 13267 Requirement

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: Site Visit / Inspection / Sampling

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 02/15/2013
Action: Staff Letter

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 10/22/2013
Action: Closure/No Further Action Letter

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 05/09/2012
Action: 13267 Requirement

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 08/08/2012
Action: 13267 Requirement

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 07/25/2013
Action: Staff Letter

Global Id: T10000003620
Action Type: ENFORCEMENT
Date: 05/23/2013
Action: Notification - Public Notice of Case Closure

Global Id: T10000003620
Action Type: ENFORCEMENT

ALTNOW DEVELOPMENT (Continued) **U001598389**

Date: 01/28/2013
Action: File Review - Closure

Global Id: T10000003620
Action Type: Other
Date: 11/16/2011
Action: Leak Stopped

Global Id: T10000003620
Action Type: RESPONSE
Date: 09/24/2012
Action: Well Installation Report

Global Id: T10000003620
Action Type: Other
Date: 11/16/2011
Action: Leak Discovery

Global Id: T10000003620
Action Type: Other
Date: 02/06/2012
Action: Leak Reported

Global Id: T10000003620
Action Type: RESPONSE
Date: 10/23/2013
Action: Well Destruction Report

Global Id: T10000003620
Action Type: RESPONSE
Date: 03/19/2012
Action: Email Correspondence

Global Id: T10000003620
Action Type: RESPONSE
Date: 06/04/2012
Action: Soil and Water Investigation Workplan - Regulator Responded

LUST:
Global Id: T10000003620
Status: Open - Case Begin Date
Status Date: 11/16/2011

Global Id: T10000003620
Status: Open - Site Assessment
Status Date: 03/19/2012

Global Id: T10000003620
Status: Open - Eligible for Closure
Status Date: 10/02/2012

Global Id: T10000003620
Status: Completed - Case Closed
Status Date: 10/22/2012

ALTNOW DEVELOPMENT (Continued) **U001598389**

HIST UST:

Name:	DALCO TRUCK RENTAL
Address:	2595 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
File Number:	000360f7

URL:

Region:	STATE
Facility ID:	00000059723
Facility Type:	Other
Other Type:	TRUCK RENTAL
Contact Name:	JEFF WINN
Telephone:	4153516344
Owner Name:	LODI TRUCK SERVICE, INC.
Owner Address:	1430 SOUTH CHEROKEE LANE
Owner City,St,Zip:	LODI, CA 95241
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	1957
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

CORTESE:

Name:	ALTNOW DEVELOPMENT
Address:	2595 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000003620
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

ALTNOW DEVELOPMENT (Continued) **U001598389**

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:	ALTNOW DEVELOPMENT
Address:	2595 ALVARADO ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	901353
CERS ID:	T10000003620
CERS Description:	Leaking Underground Storage Tank Cleanup Site

---

AD152 **WELLS FARGO BANK** **UST FINDER RELEASE** **1029129673**
NW **2500 TEAGARDEN ST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
0.492 mi.
2596 ft. **Site 3 of 4 in cluster AD**

Relative: **Higher**
Actual: **34 ft.**

UST FINDER RELEASE:

Object ID:	42919
Facility ID:	Not reported
Lust ID:	CAT0600101941
Name:	WELLS FARGO BANK
Address:	2500 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	149
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA0103041_12346
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180500040805
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-122.16065
Y Coord:	37.7096000000001

WELLS FARGO BANK (Continued) **1029129673**

Latitude: 37.7096
Longitude: -122.16065

AD153 **WELLS FARGO BANK** **LUST** **S100877964**
NW **2500 TEAGARDEN ST** **SWEEPS UST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **Cortese**
0.492 mi. **HIST CORTESE**
2596 ft. **Site 4 of 4 in cluster AD** **CERS**

Relative:
Higher

Actual:
34 ft.

LUST:

Name:	WELLS FARGO BANK
Address:	2500 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	SAN LEANDRO, CITY OF
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600101941
Latitude:	37.709727
Longitude:	-122.1606543
Status:	Completed - Case Closed
Status Date:	11/02/1995
Case Worker:	UNK
RB Case Number:	01-2115
Local Agency:	SAN LEANDRO, CITY OF
File Location:	Not reported
Local Case Number:	01-2115
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	11/17/1993
Leak Reported Date:	12/20/1993
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Overfill
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	11/02/1995
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101941
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400

WELLS FARGO BANK (Continued) **S100877964**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

Global Id: T0600101941
Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: UNK
Organization Name: SAN LEANDRO, CITY OF
Address: Not reported
City: r2 UNKNOWN
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101941
Action Type: Other
Date: 12/20/1993
Action: Leak Reported

Global Id: T0600101941
Action Type: ENFORCEMENT
Date: 06/28/1996
Action: Clean Up Fund - Letter to RP

Global Id: T0600101941
Action Type: Other
Date: 11/17/1993
Action: Leak Stopped

Global Id: T0600101941
Action Type: RESPONSE
Date: 12/02/1993
Action: Other Report / Document

Global Id: T0600101941
Action Type: Other
Date: 11/17/1993
Action: Leak Discovery

Global Id: T0600101941
Action Type: RESPONSE
Date: 04/07/1995
Action: Correspondence

LUST:
Global Id: T0600101941
Status: Open - Case Begin Date
Status Date: 11/17/1993

Global Id: T0600101941
Status: Open - Site Assessment
Status Date: 02/03/1994

Global Id: T0600101941
Status: Open - Site Assessment
Status Date: 03/02/1994

WELLS FARGO BANK (Continued) **S100877964**

Global Id: T0600101941
Status: Completed - Case Closed
Status Date: 11/02/1995

LUST REG 2:
Region: 2
Facility Id: 01-2115
Facility Status: Case Closed
Case Number: 01-2115
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: UNK
Date Leak Confirmed: 2/3/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 3/2/1994
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Name: GOLDEN PACIFIC PLASTICS
Address: 2500 TEAGARDEN
City: SAN LEANDRO
Status: Not reported
Comp Number: 23
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: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: 0

CORTESE:
Name: WELLS FARGO BANK
Address: 2500 TEAGARDEN ST
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101941
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

WELLS FARGO BANK (Continued) **S100877964**

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

HIST CORTESE:

edr_fname:	WELLS FARGO BANK
edr_fadd1:	2500 TEAGARDEN
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2115

CERS:

Name:	WELLS FARGO BANK
Address:	2500 TEAGARDEN ST
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	893285
CERS ID:	T0600101941
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	UNK - SAN LEANDRO, CITY OF
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	r2 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

154
NNE
1/4-1/2
0.500 mi.
2640 ft.

Relative:
Higher

Actual:
47 ft.

HUDSON
400 HUDSON LN
SAN LEANDRO, CA 94577

LUST **S100179596**
Alameda County CS **N/A**
HIST UST
Cortese
HIST CORTESE
NPDES
Notify 65
CIWQS
CERS

LUST:

Name:	HUDSON
Address:	400 HUDSON
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600100721
Latitude:	37.714046
Longitude:	-122.148444
Status:	Completed - Case Closed
Status Date:	06/20/1996
Case Worker:	Not reported
RB Case Number:	01-0784
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000970
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	0
Begin Date:	10/15/1990
Leak Reported Date:	10/15/1990
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	06/20/1996
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	56-60%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600100721
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND

HUDSON (Continued) **S100179596**

Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600100721
Action Type: RESPONSE
Date: 06/20/1996
Action: Other Report / Document

Global Id: T0600100721
Action Type: Other
Date: 10/15/1990
Action: Leak Reported

Global Id: T0600100721
Action Type: REMEDIATION
Date: 05/01/1991
Action: Excavation

Global Id: T0600100721
Action Type: RESPONSE
Date: 06/20/1996
Action: Final Remedial Action Report / Corrective Action Report

LUST:
Global Id: T0600100721
Status: Open - Case Begin Date
Status Date: 10/15/1990

Global Id: T0600100721
Status: Completed - Case Closed
Status Date: 06/20/1996

LUST REG 2:
Region: 2
Facility Id: 01-0784
Facility Status: Case Closed
Case Number: 2697
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 12/19/1991
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 10/30/1991
Preliminary Site Assesment Began: 12/31/1992
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Name: HUDSON
Address: 400 HUDSON LN
City,State,Zip: SAN LEANDRO, CA 94577

HUDSON (Continued) **S100179596**

Status: Case Closed
Record Id: RO0000970
PE: 5602
Facility Status: Case Closed
Latitude: 37.714414709
Longitude: -122.14948649

HIST UST:
Name: HUDSON ICS
Address: 400 HUDSON LANE
City,State,Zip: SAN LEANDRO, CA 94577
File Number: 0003603f

URL:
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:

CORTESE:
Name: HUDSON
Address: 400 HUDSON
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600100721
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

HUDSON (Continued) **S100179596**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: HUDSON
edr_fadd1: 400 HUDSON
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0784

edr_fname: HUDSON I C S
edr_fadd1: 400 HUDSON
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01240035

NPDES:
Name: LINEAGE LOGISTICS PFS
Address: 400 HUDSON LANE
City,State,Zip: SAN LEANDRO, CA 94577
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: 2 01NEC008172
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
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 12/18/2020
Operator Name: Lineage Logistics PFS
Operator Address: 46500 Humboldt Drive
Operator City: Novi
Operator State: California
Operator Zip: 48377

Name: PREFERRED FREEZER SERVICES OF SAN LEANDRO
Address: 400 HUDSON LANE

HUDSON (Continued) **S100179596**

City,State,Zip:	SAN LEANDRO, CA 94577
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:	2 01NEC001938
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
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/22/2021
Operator Name:	Preferred Freezer Services of San Leandro
Operator Address:	400 Hudson Lane
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	469462
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01NEC001938
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:	02/15/2016
Processed Date:	03/23/2016
Status:	Active
Status Date:	03/23/2016
Place Size:	665123
Place Size Unit:	SqFt
Contact:	Richard Moreno
Contact Title:	General Manager
Contact Phone:	510-352-3900
Contact Phone Ext:	2879

HUDSON (Continued) **S100179596**

Contact Email:	rmoreno@preferredfreezer.com
Operator Name:	Preferred Freezer Services of San Leandro
Operator Address:	400 Hudson Lane
Operator City:	San Leandro
Operator State:	California
Operator Zip:	94577
Operator Contact:	Richard Moreno
Operator Contact Title:	General Manager
Operator Contact Phone:	510-352-3900
Operator Contact Phone Ext:	2879
Operator Contact Email:	rmoreno@preferredfreezer.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:	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:	Jesse Gross
Certifier Title:	HSE Director
Certification Date:	28-JUL-17
Primary Sic:	4222-Refrigerated Warehousing and Storage
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	469462
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01NEC001938
Program Type:	Industrial

HUDSON (Continued) **S100179596**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/23/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Preferred Freezer Services of San Leandro
Discharge Address:	400 Hudson Lane
Discharge City:	San Leandro
Discharge State:	California
Discharge Zip:	94577
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

HUDSON (Continued) **S100179596**

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:	LINEAGE LOGISTICS PFS
Address:	400 HUDSON LANE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	528776
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01NEC008172
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/18/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	46500 Humboldt Drive
Discharge Name:	Lineage Logistics PFS
Discharge City:	Novi
Discharge State:	California
Discharge Zip:	48377
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

NOTIFY 65:

Name:	HUDSON ICS
Address:	400 HUDSON LANE
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CIWQS:

Name:	Preferred Freezer Services

HUDSON (Continued) **S100179596**

Address:	400 HUDSON LN
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Dynamic Builders Inc
Agency Address:	2114 S Hill St, Los Angeles, CA 90007
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C352946
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	08/11/2008
Termination Date:	03/12/2013
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:	37.725
Longitude:	-122.153

Name:	Lineage Logistics Pfs
Address:	400 HUDSON LANE
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Lineage Logistics PFS
Agency Address:	46500 Humboldt Drive 3RD FLOOR, Novi, CA 48377
Place/Project Type:	Industrial - Refrigerated Warehousing and Storage
SIC/NAICS:	4222
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01NEC008172
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/18/2020
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:	1
Violations within 5 years:	1
Latitude:	37.71232
Longitude:	-122.15069

Name:	Preferred Freezer Services Of San Leandro
Address:	400 HUDSON LANE
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	Preferred Freezer Services of San Leandro

HUDSON (Continued) **S100179596**

Agency Address:	400 Hudson Lane, San Leandro, CA 94577
Place/Project Type:	Industrial - Refrigerated Warehousing and Storage
SIC/NAICS:	4222
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01NEC001938
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/23/2016
Termination Date:	11/24/2020
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	37.71232
Longitude:	-122.15069

CERS:

Name:	LINEAGE LOGISTICS PFS
Address:	400 HUDSON LANE
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	584735
CERS ID:	888112
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	584735
Site Name:	Lineage Logistics PFS
Violation Date:	10-02-2021
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Failure to meet NEC criteria
Violation Notes:	Discharger failed to recertify the NEC by October 1, 2021
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS,

Enforcement Action:

Site ID:	584735
Site Name:	Lineage Logistics PFS
Site Address:	400 HUDSON LANE
Site City:	SAN LEANDRO
Site Zip:	94577
Enf Action Date:	10-18-2021
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	Discharger did not recertify NEC by October 1, 2021
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

HUDSON (Continued) **S100179596**

Affiliation:
- Affiliation Type Desc: Owner/Operator
- Entity Name: Lineage Logistics PFS
- Entity Title: Operator
- Affiliation Address: 46500 Humboldt Drive3RD FLOOR
- Affiliation City: Novi
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 48377
- Affiliation Phone: ,

- Name: HUDSON
- Address: 400 HUDSON
- City,State,Zip: SAN LEANDRO, CA 94577
- Site ID: 901947
- CERS ID: T0600100721
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
- Entity Title: Not reported
- Affiliation Address: 1515 CLAY ST SUITE 1400
- Affiliation City: OAKLAND
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

AF155 **CINTAS/DEDOMINICO SITE** **HIST Cal-Sites** **S101661359**
NE **777 139TH AVENUE** **EMI** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **CERS**
0.520 mi.
2746 ft. **Site 1 of 3 in cluster AF**

Relative:
Higher

Actual:
44 ft.

Calsite:
- Name: CINTAS/DEDOMINICO SITE
- Address: 777 139TH AVENUE
- City: SAN LEANDRO
- Region: BERKELEY
- Facility ID: 01890017
- Facility Type: RP
- Type: RESPONSIBLE PARTY
- Branch: NC
- Branch Name: NORTH COAST
- File Name: CINTAS CORPORATION
- State Senate District: 08041995
- Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
- Status Name: ANNUAL WORKPLAN - ACTIVE SITE
- Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
- NPL: Not Listed
- SIC Code: 89
- SIC Name: MISCELLANEOUS SERVICES
- Access: Controlled
- Cortese: Not reported
- Hazardous Ranking Score: Not reported

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Suspected
Staff Member Responsible for Site:	JRANDENI
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	18
State Senate District Code:	10
Facility ID:	01890017
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NEG'D
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06261997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04282003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08042004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	10312004
Revised Due Date:	08302005
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOE
Proposed Budget:	0
AWP Completion Date:	Not reported

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Revised Due Date:	Not reported
Comments Date:	08042004
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03301985
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301986
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	I&SE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12221992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02281995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Facility ID:	01890017
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05221997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06261997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06291998
Est Person-Yrs to complete:	0

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	22
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	EXCAVATION AND OFFSITE DISPOSAL OF CONTAMINATED SOIL AND INSTALLATIONOF A SOIL VAPOR EXTRACTION SYSTEM.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01890017
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	11302005
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	777 139TH AVENUE
Alternate City,St,Zip:	SAN LEANDRO, CA 94578
Background Info:	Cintas Corporation site is located at 777 139th Avenue, San Leandro, Alameda County. From February 1971 and 1983, Ross Rental Services leased the property and established a clothes-cleaning operation using tetrachloroethylene (PCE). Operation equipment included two 100-pound dry cleaning units. In 1983, Cintas Corporation acquired the business and converted all clothes cleaning operations to a water-wash laundry without the dry cleaning units. Trichloroethylene (TCE), PCE and oil grease were detected in soil during removal of gasoline and waste oil tanks in May 1986.
Comments Date:	06291998
Comments:	were disposed offsite. Soil vapor extraction system operating at
Comments Date:	06291998
Comments:	140 standard cubic feet per minute.
Comments Date:	08042004

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Comments:	Approved RAW for the underlying groundwater contamination. Data
Comments Date:	08042004
Comments:	indicates that contamination is breaking down. Therefore, final
Comments Date:	08042004
Comments:	remedy will include institutional controls and groundwater
Comments Date:	08042004
Comments:	monitoring.
Comments Date:	12221992
Comments:	Issued I&SE Order to the 139th Avenue Sites.
Comments Date:	03172000
Comments:	Approved closure of the SVE system. The confirmation soil
Comments Date:	03172000
Comments:	sampling results indicated that operation of the SVE system
Comments Date:	03172000
Comments:	reduced VOC concentrations in soil below the site cleanup level
Comments Date:	03172000
Comments:	in all tested locations. Estimated 187 pounds of VOCs were
Comments Date:	03172000
Comments:	removed during the 19 months period of operation.
Comments Date:	05221997
Comments:	Approved RIFS. PCE contamination under the building and near
Comments Date:	05221997
Comments:	sewer line outside the building was identified. Sample results
Comments Date:	05221997
Comments:	confirmed earlier tests and identified two areas one near the
Comments Date:	05221997
Comments:	sewer line outside the building and the other under the building
Comments Date:	05221997
Comments:	which have high 14 parts per million (ppm) tetrachloroethylene.
Comments Date:	06261997
Comments:	Approved RAW which requires installation of two horizontal soil
Comments Date:	06261997
Comments:	vapor extraction wells under the building and excavation of
Comments Date:	06261997
Comments:	contaminated soil near sewer line outside of the building. A
Comments Date:	06261997
Comments:	negative declaration was prepared for this project.
Comments Date:	06291998
Comments:	Completed RA. Soil Vapor Extraction System working well. 21
Comments Date:	06291998
Comments:	cubic yards of excavated soil containing tetrachloroethylene
ID Name:	CALSTARS CODE
ID Value:	200642
Alternate Name:	CINTAS CORPORATION
Alternate Name:	CINTAS/DEDOMINICO SITE
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

EMI:

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	3355

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Air District Name:	BA
SIC Code:	7213
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	3355
Air District Name:	BA
SIC Code:	7213
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	3355
Air District Name:	BA
SIC Code:	7213
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Year:	1999

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

County Code:	1
Air Basin:	SF
Facility ID:	3355
Air District Name:	BA
SIC Code:	7213
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	3355
Air District Name:	BA
SIC Code:	7213
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	CINTAS
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578-3218
Site ID:	459591
CERS ID:	110001150101
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	BARBARA COOK DEPT OF TOXIC SUBSTANCES CONT
Entity Title:	Not reported
Affiliation Address:	700 HEINZ ST
Affiliation City:	BERKELEY
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR MGMT

CINTAS/DEDOMINICO SITE (Continued) **S101661359**

Entity Title: Not reported
Affiliation Address: 777 139TH AVE
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CHERIE MCCAULOU SAN FRANCISCO BAY RWQCB REGN
Entity Title: Not reported
Affiliation Address: 1515 CLAY STREETNA SUITE 1400
Affiliation City: OAKLAND
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: BRIAN DELBECQ
Entity Title: Not reported
Affiliation Address: 777 139TH AVE
Affiliation City: SANLEANDRO
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AF156 **CINTAS CORPORATION** **RESPONSE** **S101624159**
NE **777 139TH AVE** **ENVIROSTOR** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **LUST**
0.520 mi. **SWEEPS UST**
2746 ft. **Site 2 of 3 in cluster AF** **CA FID UST**
DEED
Relative: **Cortese**
Higher **HIST CORTESE**
CERS
Actual:
44 ft.

RESPONSE:
Name: CINTAS/DEDOMENICO SITE
Address: 777 139TH AVENUE
City,State,Zip: SAN LEANDRO, CA 94578
Facility ID: 01890017
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 1.5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Jared Wilson
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Site Code: 200642
Site Mgmt. Req.: REM, LUC, MON, GW, OIL, NOWN, NDAM
Assembly: 20
Senate: 09
Special Program Status: Not reported

CINTAS CORPORATION (Continued) **S101624159**

Status:	Certified / Operation & Maintenance
Status Date:	10/02/2006
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.70990
Longitude:	-122.1448
APN:	077D142400508
Past Use:	DRY CLEANING
Potential COC :	Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Confirmed COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Potential Description:	OTH, SOIL, SV
Alias Name:	CINTAS CORPORATION
Alias Type:	Alternate Name
Alias Name:	077D142400508
Alias Type:	APN
Alias Name:	110001150101
Alias Type:	EPA (FRS #)
Alias Name:	T0600101726
Alias Type:	GeoTracker Global ID
Alias Name:	200642
Alias Type:	Project Code (Site Code)
Alias Name:	01890017
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	09/24/2008
Comments:	There was no evidence of any activities prohibited by the deed restriction.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	01/21/2011
Comments:	Letter #1
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	03/16/2011
Comments:	This letter explains the property owners obligations for this property Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	11/10/2011
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

CINTAS CORPORATION (Continued) **S101624159**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2024
Comments: DTSC Change in Project Manager Letter Sent to Responsible Party

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/09/2020
Comments: Annual cost estimate letter projecting costs for DTSC oversight during fiscal year 2019-2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2020
Comments: Annual cost estimate letter projecting costs for DTSC oversight during fiscal year 2020-2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2021
Comments: DTSC prepared and submitted an Annual Oversight Cost Estimate for FY-21/22 to the Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2017
Comments: Letter notifying respondents that a new DTSC project manager has been assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/06/2023
Comments: DTSC Approval Letter sent on 11/6/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/21/2014
Comments: Cintas provided financial assurance documentation that was approved.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/06/2021
Comments: Revised draft approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/04/2004
Comments: Notice of Exemption for groundwater RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/26/1997
Comments: Approved RAW which requires installation of two horizontal soil vapor extraction wells under the building and excavation of contaminated soil near sewer line outside of the building. A negative declaration was prepared for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 12/22/1992
Comments: Issued I&SE Order to the 139th Avenue Sites to Cintas Corporation and property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/30/1985
Comments: Site Discovered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/19/2007
Comments: There was no evidence of any activities prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/19/2010
Comments: Based on a walkthrough of the Site, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/30/2009
Comments: Based on a walkthrough of the Site, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CINTAS CORPORATION (Continued) **S101624159**

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/24/2021
Comments: Completed and sent on 9/24/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 11/15/2021
Comments: DTSC Hazard Appraisal and Recognition Plan Daily Site Visit Form signed and completed on 11/15/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2022
Comments: FY-22/23 Annual Oversight Cost Estimate sent on 10/10/2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/10/2021
Comments: Site visit conducted during groundwater monitoring on 11/10/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 11/09/2021
Comments: DTSC Hazard Appraisal and Recognition Plan signed and completed on 11/9/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2024
Comments: Completed Project Management for FY-23/24

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2023
Comments: PM activities for FY-22/23.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/21/2023
Comments: FY-23/24 Annual Oversight Cost Estimate Letter sent on 9/21/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction

CINTAS CORPORATION (Continued) **S101624159**

Completed Date: 09/25/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/19/2006
Comments: DTSC fully executed the O & M agreement with Cintas Corporation for the operation and maintenance of the monitoring wells at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/02/2006
Comments: Site Certified with ongoing operation and maintenance. Monitoring wells will continue to be monitored to confirm natural attenuation of contaminants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/16/2019
Comments: Letter providing notification of change of DTSC project manager overseeing site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/02/2021
Comments: DTSC provided the responsible party with notification of a change in DTSC project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2022
Comments: Project management activities complete for FY-21/22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/09/2009
Comments: Groundwater concentrations have decreased during this monitoring period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/26/1997
Comments: Fact sheet for Draft Removal Action Workplan for soil cleanup.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/27/2008
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/06/2009
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/02/2008
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/08/2010
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/28/2011
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/02/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/06/2012
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2021
Comments: Report to present results of the annual 2018 groundwater sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CINTAS CORPORATION (Continued) **S101624159**

Completed Document Type: Public Notice
Completed Date: 05/07/2021
Comments: Public Notice published in the East Bay Times on 5/7/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/03/2016
Comments: Work being undertaken in accordance with Workplan for Evaluation of Vapor Intrusion Pathway approved by DTSC January 11, 2016. Trenching was done to investigate a magnetic anomaly. Soil gas sampling will occur 2-3 weeks after trenching to allow subsurface conditions to stabilize.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/18/2019
Comments: Annual groundwater monitoring report to monitor COC concentrations in groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/13/2015
Comments: Letter notifying respondents that a new DTSC project manager has been assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2015
Comments: Notification of change in DTSC Project Manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2015
Comments: Annual Estimate of DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/18/1996
Comments: Additional investigation was conducted to better define the lateral and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified during the previous investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CINTAS CORPORATION (Continued) **S101624159**

Completed Document Type: Removal Action Completion Report
Completed Date: 03/17/2000
Comments: Approved closure of the SVE system. The confirmation soil sampling results indicated that operation of the SVE system reduced VOC concentrations in soil below the site cleanup level in all tested locations. Estimated 187 pounds of VOCs were removed during the 19 months period of operation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/10/1997
Comments: Additional investigation was conducted to better define the lateral and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified earlier.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/29/2006
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/06/1996
Comments: VOCs and Petroleum hydrocarbons were detected in soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/11/2006
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/18/2007
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/26/2007
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 02/01/2011
Comments: The current remedy is protective of human health and the environment based on DTSC s review of data collected to date, the review of site reports documenting the investigations, remedy selection, cleanup and

CINTAS CORPORATION (Continued) **S101624159**

technical assessment completed as part of this five-year review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/27/2015
Comments: Groundwater results are similar to historic results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 04/14/2021
Comments: DTSC approval with two review comments deferred to 3rd Five-Year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/21/2015
Comments: Completed GW monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2016
Comments: Report meeting the requirements for annual groundwater sampling as part of the site Operations and Maintenance Agreement. The current monitoring network consists of three onsite and three offsite wells. Wells were analyzed for total petroleum hydrocarbons and volatile organic compounds. Concentrations of contaminants of concern were consistent with historic data trends. Report was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/19/2016
Comments: Consultant completed soil gas sampling work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

CINTAS CORPORATION (Continued) **S101624159**

Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/29/1998
Comments: Completed RA. Soil Vapor Extraction System working well. 21 cubic yards of excavated soil containing tetrachloroethylene were disposed offsite. Soil vapor extraction system operating at 140 standard cubic feet per minute.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/04/2004
Comments: Approved RAW for the underlying groundwater contamination. Data indicates that contamination is breaking down. Therefore, final remedy will include institutional controls and groundwater monitoring.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/28/2003
Comments: Approved RI/FS for groundwater. Data indicates that contamination is breaking down.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/26/1997
Comments: The recommended removal action was a combination excavation and Offsite disposal for the areas outside of the building and soil vapor extraction using horizontal wells for areas inside the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/1995
Comments: Public Participation Plan for San Leandro approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/24/2005
Comments: Approved the installation of one new downgradient well and the first semi-annual report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 04/12/2005
Comments: Groundwater will be monitored semi annually at 7 monitoring wells according to approved Groundwater Monitoring Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 04/08/2005
Comments: Workplan for installation of downgradient monitoring well approved.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	07/19/2019
Comments:	Annual groundwater monitoring report to monitor COC concentrations in groundwater.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Financial Assurance Documentation
Completed Date:	03/02/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	01/11/2016
Comments:	DTSC approval letter for further subsurface vapor characterization.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	06/24/2015
Comments:	A total of 23 soil vapor samples were collected and analyzed for this investigation. Three compounds (primarily PCE) exceeded Tier 1 ESLs in 16 of the samples across the Site (Figure 4). At three of the 23 sample locations, PCE also exceeded Commercial ESLs; the highest concentration (28,000 8g/m3) was found outside of the building in the rear parking area, possibly indicative of a localized spill area that could be readily addressed. The other two detections were within one order of magnitude of the Commercial ESL. The widespread presence of PCE in soil vapor across the Site is likely related to known soil and groundwater contamination underlying the majority of the Site. These findings suggest soil vapor impacts are not severe. Such impacts could potentially pose a risk to indoor air quality that may require management over the long term with an appropriately-designed vapor mitigation system. DTSC agrees with these recommendtions

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	10/01/2021
Comments:	January 2021 Indoor Air Sampling Report approved on 10/1/2021. Report presented results of the first round of indoor air, outdoor air, sub-slab, and soil gas sampling as proposed in the Indoor Air Sampling Work Plan dated 11/12/2020. A second round of sampling was conducted in May 2021. The results of these two sampling events will be used in an upcoming Report that will propose a site-specific attenuation factor and groundwater screening criteria for vapor intrusion.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	12/08/2021
Comments:	May 2021 Indoor Air Sampling Report approved on 12/8/2021. Results will be utilized in the Site-Specific Attenuation Factor and

CINTAS CORPORATION (Continued) **S101624159**

Groundwater VI Criteria Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/03/2023
Comments: DTSC Approval Letter sent on 3/3/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/12/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/04/2022
Comments: Report approved on 3/4/2022. The report presents a site-specific attenuation factor (AF), which express the reduction in vapor concentrations as volatile contaminants move from the sub-surface into indoor air. The site-specific AF is estimated at 0.00059 based on sub-slab and indoor air sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2021
Comments: Conditions required in the conditional approval letter dated January 29, 2021 were addressed by the revised report, dated March 1, 2021.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Feasibility Study Report
Future Due Date: 2026
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction - Amendment
Schedule Due Date: 12/10/2024
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Five-Year Review Reports
Schedule Due Date: 12/31/2024
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: CINTAS/DEDOMENICO SITE
Address: 777 139TH AVENUE
City,State,Zip: SAN LEANDRO, CA 94578
Facility ID: 01890017
Status: Certified / Operation & Maintenance
Status Date: 10/02/2006
Site Code: 200642
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1.5

CINTAS CORPORATION (Continued) **S101624159**

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jared Wilson
Supervisor: Kimberly Walsh
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: REM, LUC, MON, GW, OIL, NOWN, NDAM
Funding: Responsible Party
Latitude: 37.70990
Longitude: -122.1448
APN: 077D142400508
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Confirmed COC: Tetrachloroethylene (PCE TPH-diesel TPH-gas 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans
Potential Description: OTH, SOIL, SV
Alias Name: CINTAS CORPORATION
Alias Type: Alternate Name
Alias Name: 077D142400508
Alias Type: APN
Alias Name: 110001150101
Alias Type: EPA (FRS #)
Alias Name: T0600101726
Alias Type: GeoTracker Global ID
Alias Name: 200642
Alias Type: Project Code (Site Code)
Alias Name: 01890017
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 09/24/2008
Comments: There was no evidence of any activities prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/21/2011
Comments: Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2011
Comments: This letter explains the property owners obligations for this property
Not reported

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/10/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/15/2024
Comments: DTSC Change in Project Manager Letter Sent to Responsible Party

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 01/09/2020
Comments: Annual cost estimate letter projecting costs for DTSC oversight during fiscal year 2019-2020.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2020
Comments: Annual cost estimate letter projecting costs for DTSC oversight during fiscal year 2020-2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/27/2021
Comments: DTSC prepared and submitted an Annual Oversight Cost Estimate for FY-21/22 to the Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2017
Comments: Letter notifying respondents that a new DTSC project manager has been assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/06/2023
Comments: DTSC Approval Letter sent on 11/6/2023.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/21/2014
Comments: Cintas provided financial assurance documentation that was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/06/2021
Comments: Revised draft approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 08/04/2004
Comments: Notice of Exemption for groundwater RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/26/1997
Comments: Approved RAW which requires installation of two horizontal soil vapor extraction wells under the building and excavation of contaminated soil near sewer line outside of the building. A negative declaration was prepared for this project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 12/22/1992
Comments: Issued I&SE Order to the 139th Avenue Sites to Cintas Corporation and property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/30/1985
Comments: Site Discovered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/19/2007
Comments: There was no evidence of any activities prohibited by the deed restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 10/19/2010
Comments: Based on a walkthrough of the Site, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

CINTAS CORPORATION (Continued) **S101624159**

Completed Date: 10/30/2009
Comments: Based on a walkthrough of the Site, there was no evidence of any activities prohibited by the Deed Restriction.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 08/31/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/24/2021
Comments: Completed and sent on 9/24/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 11/15/2021
Comments: DTSC Hazard Appraisal and Recognition Plan Daily Site Visit Form signed and completed on 11/15/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/10/2022
Comments: FY-22/23 Annual Oversight Cost Estimate sent on 10/10/2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 11/10/2021
Comments: Site visit conducted during groundwater monitoring on 11/10/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 11/09/2021
Comments: DTSC Hazard Appraisal and Recognition Plan signed and completed on 11/9/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2024
Comments: Completed Project Management for FY-23/24

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2023
Comments: PM activities for FY-22/23.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

CINTAS CORPORATION (Continued) **S101624159**

Completed Date: 09/21/2023
Comments: FY-23/24 Annual Oversight Cost Estimate Letter sent on 9/21/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 09/25/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 05/19/2006
Comments: DTSC fully executed the O & M agreement with Cintas Corporation for the operation and maintenance of the monitoring wells at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 10/02/2006
Comments: Site Certified with ongoing operation and maintenance. Monitoring wells will continue to be monitored to confirm natural attenuation of contaminants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/16/2019
Comments: Letter providing notification of change of DTSC project manager overseeing site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/02/2021
Comments: DTSC provided the responsible party with notification of a change in DTSC project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2022
Comments: Project management activities complete for FY-21/22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/09/2009
Comments: Groundwater concentrations have decreased during this monitoring period.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/26/1997
Comments: Fact sheet for Draft Removal Action Workplan for soil cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/27/2008
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/06/2009
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/02/2008
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/08/2010
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/28/2011
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/02/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/06/2012
Comments: Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

CINTAS CORPORATION (Continued) **S101624159**

Completed Date: 01/28/2021
Comments: Report to present results of the annual 2018 groundwater sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/07/2021
Comments: Public Notice published in the East Bay Times on 5/7/2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/03/2016
Comments: Work being undertaken in accordance with Workplan for Evaluation of Vapor Intrusion Pathway approved by DTSC January 11, 2016. Trenching was done to investigate a magnetic anomaly. Soil gas sampling will occur 2-3 weeks after trenching to allow subsurface conditions to stabilize.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/18/2019
Comments: Annual groundwater monitoring report to monitor COC concentrations in groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/13/2015
Comments: Letter notifying respondents that a new DTSC project manager has been assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2015
Comments: Notification of change in DTSC Project Manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/16/2015
Comments: Annual Estimate of DTSC oversight.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/18/1996
Comments: Additional investigation was conducted to better define the lateral

CINTAS CORPORATION (Continued) **S101624159**

and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified during the previous investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/17/2000
Comments: Approved closure of the SVE system. The confirmation soil sampling results indicated that operation of the SVE system reduced VOC concentrations in soil below the site cleanup level in all tested locations. Estimated 187 pounds of VOCs were removed during the 19 months period of operation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/10/1997
Comments: Additional investigation was conducted to better define the lateral and vertical extent of VOCs and petroleum hydrocarbons in the two areas of highest concentration identified earlier.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/29/2006
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/06/1996
Comments: VOCs and Petroleum hydrocarbons were detected in soils.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/11/2006
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/18/2007
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/26/2007
Comments: Semi-annual report approved. Groundwater concentrations are consistent with historical results.

Completed Area Name: PROJECT WIDE

CINTAS CORPORATION (Continued) **S101624159**

Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 02/01/2011
Comments: The current remedy is protective of human health and the environment based on DTSC s review of data collected to date, the review of site reports documenting the investigations, remedy selection, cleanup and technical assessment completed as part of this five-year review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/19/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/27/2015
Comments: Groundwater results are similar to historic results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 04/14/2021
Comments: DTSC approval with two review comments deferred to 3rd Five-Year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/21/2015
Comments: Completed GW monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2016
Comments: Report meeting the requirements for annual groundwater sampling as part of the site Operations and Maintenance Agreement. The current monitoring network consists of three onsite and three offsite wells. Wells were analyzed for total petroleum hydrocarbons and volatile organic compounds. Concentrations of contaminants of concern were consistent with historic data trends. Report was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/19/2016
Comments: Consultant completed soil gas sampling work.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE

CINTAS CORPORATION (Continued) **S101624159**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/28/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/29/1998
Comments: Completed RA. Soil Vapor Extraction System working well. 21 cubic yards of excavated soil containing tetrachloroethylene were disposed offsite. Soil vapor extraction system operating at 140 standard cubic feet per minute.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/04/2004
Comments: Approved RAW for the underlying groundwater contamination. Data indicates that contamination is breaking down. Therefore, final remedy will include institutional controls and groundwater monitoring.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/28/2003
Comments: Approved RI/FS for groundwater. Data indicates that contamination is breaking down.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/26/1997
Comments: The recommended removal action was a combination excavation and Offsite disposal for the areas outside of the building and soil vapor extraction using horizontal wells for areas inside the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/1995
Comments: Public Participation Plan for San Leandro approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/24/2005
Comments: Approved the installation of one new downgradient well and the first semi-annual report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Plan
Completed Date: 04/12/2005
Comments: Groundwater will be monitored semi annually at 7 monitoring wells according to approved Groundwater Monitoring Plan.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Design
Completed Date:	04/08/2005
Comments:	Workplan for installation of downgradient monitoring well approved.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	07/19/2019
Comments:	Annual groundwater monitoring report to monitor COC concentrations in groundwater.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Financial Assurance Documentation
Completed Date:	03/02/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	01/11/2016
Comments:	DTSC approval letter for further subsurface vapor characterization.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	06/24/2015
Comments:	A total of 23 soil vapor samples were collected and analyzed for this investigation. Three compounds (primarily PCE) exceeded Tier 1 ESLs in 16 of the samples across the Site (Figure 4). At three of the 23 sample locations, PCE also exceeded Commercial ESLs; the highest concentration (28,000 8g/m3) was found outside of the building in the rear parking area, possibly indicative of a localized spill area that could be readily addressed. The other two detections were within one order of magnitude of the Commercial ESL. The widespread presence of PCE in soil vapor across the Site is likely related to known soil and groundwater contamination underlying the majority of the Site. These findings suggest soil vapor impacts are not severe. Such impacts could potentially pose a risk to indoor air quality that may require management over the long term with an appropriately-designed vapor mitigation system. DTSC agrees with these recommendtions

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	10/01/2021
Comments:	January 2021 Indoor Air Sampling Report approved on 10/1/2021. Report presented results of the first round of indoor air, outdoor air, sub-slab, and soil gas sampling as proposed in the Indoor Air Sampling Work Plan dated 11/12/2020. A second round of sampling was conducted in May 2021. The results of these two sampling events will be used in an upcoming Report that will propose a site-specific attenuation factor and groundwater screening criteria for vapor intrusion.

CINTAS CORPORATION (Continued) **S101624159**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/08/2021
Comments: May 2021 Indoor Air Sampling Report approved on 12/8/2021. Results will be utilized in the Site-Specific Attenuation Factor and Groundwater VI Criteria Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/03/2023
Comments: DTSC Approval Letter sent on 3/3/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/12/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/04/2022
Comments: Report approved on 3/4/2022. The report presents a site-specific attenuation factor (AF), which express the reduction in vapor concentrations as volatile contaminants move from the sub-surface into indoor air. The site-specific AF is estimated at 0.00059 based on sub-slab and indoor air sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2021
Comments: Conditions required in the conditional approval letter dated January 29, 2021 were addressed by the revised report, dated March 1, 2021.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Feasibility Study Report
Future Due Date: 2026
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction - Amendment
Schedule Due Date: 12/10/2024
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Five-Year Review Reports
Schedule Due Date: 12/31/2024
Schedule Revised Date: Not reported

LUST:
Name: CINTAS CORPORATION
Address: 777 139TH AVE
City,State,Zip: SAN LEANDRO, CA 94578
Lead Agency: SWRCB

CINTAS CORPORATION (Continued) **S101624159**

Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600101726
Latitude: 37.7098640524543
Longitude: -122.145037189163
Status: Open - Verification Monitoring
Status Date: 11/13/2008
Case Worker: Not reported
RB Case Number: Not reported
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location: DTSC
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
EPA Region: 9
Coordinate Source: Google Map Move
Cuf Case: NO
Quantity Released Gallons: Not reported
Begin Date: 05/01/1986
Leak Reported Date: 05/01/1986
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Tank
Discharge Cause: Corrosion
Stop Method: Close and Remove Tank
Stop Description: Not reported
No Further Action Date: Not reported
CA Water Watershed Name: South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Disadvantaged Community
CA Enviroscreen 3 Score: 51-55%
CA Enviroscreen 4 Score: 60-65%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SAN FRANCISCO BAY RWQCB (REGION 2)
Site History: Not reported

LUST:
Global Id: T0600101726
Contact Type: Local Agency Caseworker
Contact Name: BARBARA COOK
Organization Name: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Address: 700 HEINZ ST.
City: BERKELEY
Email: Not reported
Phone Number: Not reported

Global Id: T0600101726
Contact Type: SWRCB Contact - Primary Caseworker
Contact Name: DAYNA CORDANO
Organization Name: SWRCB
Address: 1001 I Street, 15th Floor
City: SACRAMENTO
Email: dayna.cordano@waterboards.ca.gov
Phone Number: 9163415385

Global Id: T0600101726

CINTAS CORPORATION (Continued) **S101624159**

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101726
Action Type: Other
Date: 05/01/1986
Action: Leak Discovery

Global Id: T0600101726
Action Type: ENFORCEMENT
Date: 09/24/2021
Action: Referral to Other State Agency

Global Id: T0600101726
Action Type: Other
Date: 05/01/1986
Action: Leak Reported

Global Id: T0600101726
Action Type: RESPONSE
Date: 07/10/1986
Action: Other Report / Document

Global Id: T0600101726
Action Type: ENFORCEMENT
Date: 09/25/2006
Action: Deed Restriction / Land Use Restriction / Covenant - #2006361530

Global Id: T0600101726
Action Type: Other
Date: 05/01/1986
Action: Leak Stopped

Global Id: T0600101726
Action Type: RESPONSE
Date: 08/22/1988
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: RESPONSE
Date: 04/01/1987
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: RESPONSE
Date: 01/16/1987
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: REMEDIATION
Date: 05/01/1986

CINTAS CORPORATION (Continued) **S101624159**

Action: Excavation

Global Id: T0600101726
Action Type: RESPONSE
Date: 06/06/1986
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101726
Action Type: RESPONSE
Date: 12/07/1988
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: RESPONSE
Date: 01/14/1988
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: RESPONSE
Date: 08/28/1987
Action: Other Report / Document

Global Id: T0600101726
Action Type: RESPONSE
Date: 05/13/1988
Action: Monitoring Report - Quarterly

Global Id: T0600101726
Action Type: RESPONSE
Date: 12/23/1987
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0600101726
Status: Open - Case Begin Date
Status Date: 05/01/1986

Global Id: T0600101726
Status: Open - Site Assessment
Status Date: 12/01/1988

Global Id: T0600101726
Status: Open - Site Assessment
Status Date: 02/02/1994

Global Id: T0600101726
Status: Open - Site Assessment
Status Date: 03/01/1994

Global Id: T0600101726
Status: Open - Site Assessment
Status Date: 08/13/2008

Global Id: T0600101726
Status: Open - Verification Monitoring
Status Date: 11/13/2008

CINTAS CORPORATION (Continued) **S101624159**

LUST REG 2:

Region:	2
Facility Id:	01-1863
Facility Status:	Pollution Characterization
Case Number:	01-1863
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	12/1/1988
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	2/2/1994
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	3/1/1994
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

SWEEPS UST:

Name:	CONTAS CORP.
Address:	777 139TH AVE
City:	SAN LEANDRO
Status:	Not reported
Comp Number:	65257
Number:	Not reported
Board Of Equalization:	44-001182
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-007-065257-000001
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	2

Name:	CONTAS CORP.
Address:	777 139TH AVE
City:	SAN LEANDRO
Status:	Not reported
Comp Number:	65257
Number:	Not reported
Board Of Equalization:	44-001182
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-007-065257-000002
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL

CINTAS CORPORATION (Continued) **S101624159**

Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01000527
Regulated By: UTNKI
Regulated ID: 00065257
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4153526330
Mail To: Not reported
Mailing Address: 777 139TH AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN LEANDRO 94578
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

DEED:
Name: CINTAS CORPORATION
Address: 777 139TH AVE
City,State,Zip: SAN LEANDRO, CA 94578
Envirostor ID: T0600101726
Area: Not reported
Sub Area: Not reported
Site Type: LUFT
Status: OPEN - VERIFICATION MONITORING
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 09/25/2006
File Name: Geotracker Land Use/Deed Restrictions

Name: CINTAS/DEDOMENICO SITE
Address: 777 139TH AVENUE
City,State,Zip: SAN LEANDRO, CA 94578
Envirostor ID: 1890017
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CORTESE:
Name: CINTAS CORPORATION
Address: 777 139TH AVE
City,State,Zip: SAN LEANDRO, CA 94578
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101726
Site/Facility Type: LUST CLEANUP SITE

CINTAS CORPORATION (Continued) **S101624159**

Cleanup Status:	OPEN - VERIFICATION MONITORING
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

Name:	CINTAS/DEDOMENICO SITE
Address:	777 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date:	10/02/2006
Site Code:	200642
Latitude:	37.709906
Longitude:	-122.14486
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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:	Haz Waste & Substances Sites

HIST CORTESE:

edr_fname:	CINTAS CORPORATION
edr_fadd1:	777 139TH
City,State,Zip:	SAN LEANDRO, CA
Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01890017

edr_fname:	CINTAS CORPORATION
edr_fadd1:	777 139TH
City,State,Zip:	SAN LEANDRO, CA
Region:	CORTESE
Facility County Code:	1

CINTAS CORPORATION (Continued) **S101624159**

Reg By: LTNKA
Reg Id: 01-1863

CERS:
Name: CINTAS CORPORATION
Address: 777 139TH AVE
City,State,Zip: SAN LEANDRO, CA 94578
Site ID: 889944
CERS ID: T0600101726
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: BARBARA COOK - DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Entity Title: Not reported
Affiliation Address: 700 HEINZ ST.
Affiliation City: BERKELEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: CINTAS/DEDOMENICO SI
Address: 777 139TH AVENUE
City,State,Zip: SAN LEANDRO, CA 94578
Site ID: 606693
CERS ID: 01890017
CERS Description: State Response

Affiliation:
Affiliation Type Desc: Lead Project Manager
Entity Name: Nathan Unangst
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: ,

Affiliation Type Desc: Supervisor
Entity Name: Kimberly Walsh
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

CINTAS CORPORATION (Continued) **S101624159**

Affiliation Zip: Not reported
Affiliation Phone: ,

AF157 **ONE HUNDRED THIRTY-NINTH STREET (NO. 750) - SAN LE** **CA BOND EXP. PLAN** **S100833366**
NE **750 139TH STREET** **N/A**
1/2-1 **SAN LEANDRO, CA 94578**
0.526 mi.
2776 ft. **Site 3 of 3 in cluster AF**

Relative:
Higher

Actual:
44 ft.

CA BOND EXP. PLAN:
Reponsible Party: DETAILED SITE EXPENDITURE PLAN
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: Currently there are no identifiable responsible parties (RPs). Therefore, Bond funds are being used to investigate and remediate the site. If during the investigation responsible parties are identified, DHS will pursue appropriate enforcement actions.
Site Description: The One Hundered Thirty-Ninth Street site is a contaminated shallow aquifer.
Hazardous Waste Desc: Chemicals found onsite include trichloroethene (TCE) and tetrachloroethene (PCE).
Threat To Public Health & Env: Ground water is the pathway for contaminant migration. Numerous private wells present possible routes of exposure. Potential receptors for exposure to ground water contaminants include residents of San Leandro who have shallow water wells on their property.
Site Activity Status: The site is currently undergoing remedial investigation. Monitoring wells and stratigraphic borings will be installed.

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158 **DWA PLUME** **RESPONSE** **S101272669**
NE **SAN LEANDRO (GROUNDWATER CONTAMINATION)** **ENVIROSTOR** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **HIST Cal-Sites**
0.543 mi. **Cortese**
2867 ft.

Relative:
Higher

Actual:
44 ft.

RESPONSE:
Name: DWA PLUME
Address: SAN LEANDRO (GROUNDWATER CONTAMINATION)
City,State,Zip: SAN LEANDRO, CA 94578
Facility ID: 01990002
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 100
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Moises Carvalho
Supervisor: Karina Navarro
Division Branch: Cleanup Berkeley
Site Code: 208001
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 20
Senate: 09
Special Program Status: Not reported
Status: Active
Status Date: 12/31/1999

DWA PLUME (Continued) **S101272669**

Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.70585
Longitude:	-122.1530
APN:	075 008401405, 075 008401502, 075 008401904, 075 008700102, 075 008700416, 075 008700800, 077A065000310, 077B080001400, 077B085500702, 077B085500708, 077B085500803, 077B085503100, 077D142400508, 077D143701304, 077D144000123
Past Use:	DRY CLEANING, LAUNDRY SERVICES, MANUFACTURING - ELECTRONIC, MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - METAL, PAINT MANUFACTURING, RESIDENTIAL AREA, TRANSPORTATION - WAREHOUSING
Potential COC :	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Potential Description:	OTH, SV, OTH, SV
Alias Name:	1465 FACTOR AVENUE SITE (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	750 139TH SITE (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	SAN LEANDRO REGIONAL PLUME
Alias Type:	Alternate Name
Alias Name:	SINGER-FRIDEN (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	075 008401405
Alias Type:	APN
Alias Name:	075 008401502
Alias Type:	APN
Alias Name:	075 008401904
Alias Type:	APN
Alias Name:	075 008700102
Alias Type:	APN
Alias Name:	075 008700416
Alias Type:	APN
Alias Name:	075 008700800
Alias Type:	APN
Alias Name:	077A065000310
Alias Type:	APN
Alias Name:	077B080001400
Alias Type:	APN
Alias Name:	077B085500702
Alias Type:	APN
Alias Name:	077B085500708
Alias Type:	APN
Alias Name:	077B085500803
Alias Type:	APN
Alias Name:	077B085503100
Alias Type:	APN
Alias Name:	077D142400508
Alias Type:	APN
Alias Name:	077D143701304
Alias Type:	APN
Alias Name:	077D144000123
Alias Type:	APN
Alias Name:	110033618627
Alias Type:	EPA (FRS #)
Alias Name:	200034

DWA PLUME (Continued) **S101272669**

Alias Type: Site Code - Historical
Alias Name: 201326
Alias Type: Site Code - Historical
Alias Name: 201327
Alias Type: Site Code - Historical
Alias Name: 201328
Alias Type: Site Code - Historical
Alias Name: 200327
Alias Type: Project Code (Site Code)
Alias Name: 208001
Alias Type: Project Code (Site Code)
Alias Name: 01240035
Alias Type: Envirostor ID Number
Alias Name: 01340040
Alias Type: Envirostor ID Number
Alias Name: 01340117
Alias Type: Envirostor ID Number
Alias Name: 01360094
Alias Type: Envirostor ID Number
Alias Name: 01380001
Alias Type: Envirostor ID Number
Alias Name: 01470004
Alias Type: Envirostor ID Number
Alias Name: 01730011
Alias Type: Envirostor ID Number
Alias Name: 01750029
Alias Type: Envirostor ID Number
Alias Name: 01750031
Alias Type: Envirostor ID Number
Alias Name: 01890017
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/16/2006
Comments: CFA approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/18/2011
Comments: Work order for sampling of existing wells (Cover letter incorrectly dated June 18 instead of July 18, 2011).

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/15/2006
Comments: Contract for BDI Injection and groundwater monitoring

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/20/2006

DWA PLUME (Continued) **S101272669**

Comments: Work order issued to conduct BDI Injections and groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/17/2023
Comments: Pre-HARP form for planned activities to be conducted in 2023-2024.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023. All confidential information (property's address and property owners' name) of residences located at the DWA Plume site, San Leandro, which consented to DTSC collecting groundwater samples are redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/18/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 4 increases funds to perform additional services under task 7 (Temporary Nested and Single Completion Soil Gas Probes Installation). Additional technical consultative services are needed to install a soil gas probe that was tentatively installed on September 13, 2023, but a physical obstruction was observed at a depth shallower than five feet below the ground surface. Funds to support additional service requests will be transferred from Contract Work Order No.1 Task 9 to Task 7.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/28/2024
Comments: Activity completed for FY 23/24.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/20/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 3 increases funds to perform additional services under Task 6 (Supplemental Soil Gas Survey Work Plan Addendum). Additional technical consultative services are needed to evaluate any modifications to the encroachment and boring permitting methods and/or submission process with the City of San Leandro and the Alameda County Public Works Agency (ACPWA). Funds to support additional service requests will be transferred from Contract s Work Order No.1 Task 12 to Task 6.

DWA PLUME (Continued) **S101272669**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/14/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 1 increases funds to Task 6 - Supplemental Soil Gas Survey Work Plan Addendum to perform additional services. Additional services consist of additional costs associated with boring permits required by the Alameda County Public Work Agency per Alameda County Gen. Ord. Code Section 6.88.02 to conduct activities listed under Contract s Tasks 7, 8, 9, and 10.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property and offsite but associated with the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property and offsite but associated with the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/02/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 2 increases funds to perform additional services under Task 6 (Supplemental Soil Gas Survey Work Plan Addendum). The additional services consist of payment of the Encroachment Permit fee deposit required by the City of San Leandro. Funds to support service requests are available from the Contract s contingency provision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated

DWA PLUME (Continued) **S101272669**

May 16, 2023. All confidential information (property's address and property owners' name) of residences located at the DWA Plume site, San Leandro, which consented to DTSC collecting groundwater samples are redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/14/2024
Comments: Contract 21-T5003 Amendment No. 2 (A-2) extends the term end date from June 30, 2024 to December 30, 2025.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/21/2015
Comments: Contract for sampling indoor air in the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/09/2016
Comments: Stop work order because contract expired.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/05/2016
Comments: Work order for indoor air sampling in the Cedar Avenue area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

DWA PLUME (Continued) **S101272669**

Completed Date: 03/07/2017
Comments: Requisition approved for indoor air sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/03/2017
Comments: Fully-executed contract for SGI Indoor Air Sampling at San Leandro Plume $40k

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2014
Comments: Various letters to individuals requesting to access and sample private wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/30/2017
Comments: Contract 16-T4283 authorizes activities for conducting indoor air sampling at the Cedar Avenue residential area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/12/2018
Comments: DTSC letter releasing Engineering/Remediation Resources Group, Inc. from Contract No. 16-T4289. Vapor intrusion mitigation systems were to be installed in the Cedar Avenue residential area; however, the work was not required or performed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 10/20/2014
Comments: Access agreement to sample well on PG&E property

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/13/2017
Comments: Requisition for VI mitigation in Cedar Ave industrial area submitted 3/13/2017.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/09/2001
Comments: Seven monitoring wells in the residential area were sampled. Tetrachloroethene and trichloroethene and were detected in some wells. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

DWA PLUME (Continued) **S101272669**

Completed Date: 12/15/2022
Comments: October 2022 Regional Groundwater Monitoring Well Purge/Decontamination Non-Hazardous Waste Manifest

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2015
Comments: Shallow soil vapor samples are elevated in several locations, follow up is required and will include additional sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2015
Comments: Groundwater concentrations are consistent with historical concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/28/2015
Comments: Risk was evaluated regarding use of groundwater for irrigation and for recreational uses. The risk evaluation indicates that water can be used for irrigation, but should not be used for recreational uses such as swimming pools.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/04/2019
Comments: Work Notice for a Soil Vapor and Groundwater Sampling Investigation conducted at Cedar Avenue vicinity in San Leandro.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/28/2019
Comments: The activities included in the Soil Vapor and Groundwater Sampling Workplan were completed. Investigation-derived waste was profiled and characterized as non-hazardous. The temporary waste storage area was disassembled on May 24, 2019

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2019
Comments: Historical San Leandro Sandborn Maps were scanned into PDF format and saved in the DTSC server (M Drive)

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/30/2019
Comments: Work notice informing local community about soil vapor investigation to be conducted in the Juniper Street Vicinity in the DWA Plume Residential Area.

DWA PLUME (Continued) **S101272669**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/25/2011
Comments: Contract Fiscal Approval (CFA) 10-260 for groundwater monitoring at the DWA Plume in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/15/2011
Comments: Contract 10-T1146 with URS for groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/23/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 14333 Wicks Boulevard, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. First correspondence (Correspondence) sent to Property owner on February 1, 2022. Correspondence required consent to access to private wells MW-1, MW-2, MW-3, MW-4, and MW-5. First correspondence returned to DTSC returned due to the property being vacant. DTSC contacted current property owner (Cummins Pacific LLC) on February 22, 2022. Property owner representative informed that Property s mailing should be addressed to 14755 Wicks Blvd., San Leandro, California 94577. On February 23, 2022, DTSC issued a second correspondence to Property owner with an updated mailing address.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. A private well located in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. The property's address and property owners' name are confidential Correspondence sent to Property owner requiring consent to access to private well.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/01/2022
Comments: Consent for Access to Property allows permission from Cintas Corporation to DTSC and or its contractor to sample monitoring well GS-7, located offsite at 14000 Washington Boulevard in San Leandro, California, and a consent to access property located at 777 139th Avenue, San Leandro, California to sample wells GS-1 and PZ-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

DWA PLUME (Continued) **S101272669**

Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 14333 Wicks Boulevard, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access to private wells MW-1, MW-2, MW-3, MW-4, and MW-5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/10/2022
Comments: Consent for Access to Property allows permission from property owner to DTSC and or its contractor to sample private well located at the limits of the property. The property's address and property owners' name are confidential. Copy of Consent for Access to Property available to the public has been redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/18/2022
Comments: Consent for Access to Property from Real Estate & Customer Experience allows DTSC and/or its contractor to access property located at 2756 Alvarado Street in San Leandro, California (Property) for the purpose of collecting groundwater samples at monitoring well MW-2 and MW-6R located at the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/28/2022
Comments: Revising RFF 21-0257 dated 2/2/2022. This RFF requests funds to conduct Supplemental Site Characterization and public participation for DWA Plume site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/09/2022
Comments: Revising RFF 21-0139 dated 9/28/2021. This RFF revision requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 2756 Alvarado Street, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater

DWA PLUME (Continued) **S101272669**

quality assessment. Correspondence sent to Property owner requiring consent to access to private wells MW2- and MW-6R

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/18/2022
Comments: RFF requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/19/2021
Comments: RFF requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Onsite private wells located at 777 139th Avenue, San Leandro, California (Property) and offsite well located at 14000 Washington Boulevard San Leandro, California were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access offsite private well GS-7 and onsite private wells GS-1 and PZ-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/15/2022
Comments: Consent for Access to Property from Chill Build LLC allows DTSC and/or its contractor to access property located at 400 Polar Way in San Leandro, California to sample well MW-4, and allows access to sample MW-8 and MW-10 located offsite between 500-600 Montague Avenue in San Leandro, California.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 09/02/2022
Comments: Consent for Access to Property from San Leandro Unified School District allowing DTSC and/or its contractor to access property located at 2451 Teagarden Street in San Leandro, California (Burrell Field, Assessor Parcel Number 79A-295-2-12; Property) for the purpose of collecting groundwater samples at an irrigation well located at the Property.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2020
Comments: Contract 20-T4841 Work Order # 1 with RMD. Work Order #1 scope of work consists of three tasks as follows: Task 1 Development of a Current Conditions Report Task 2 Development of a Supplemental Site Characterization Workplan Task 3 Participation in meetings and teleconferences as necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 1 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of review of and submittal of generalized temporary traffic control plans (TPCs) and execution of reversible lane traffic control during groundwater sampling in a public-right-of-way (ROW) area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2023
Comments: Project management activities for FY 2022/2023 completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/13/2022
Comments: Contract 21-T5003 WO-001 with RMD. Contract scope of work consists of technical consultative services to provide (i) deliverable necessary to perform environmental data management and visualization, (ii) regional groundwater monitoring, and (iii) vapor intrusion preferential pathway evaluation in the DWA Plume Residential East Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private well located at 2481 San Leandro Boulevard, San Leandro, California (Property) selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access to a private well (MW-2).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Onsite private well located at 400 Polar Way, San Leandro, California (Property) and offsite wells located between 600-500 Montague Avenue San Leandro,

DWA PLUME (Continued) **S101272669**

California were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access offsite private wells MW8- and MW-10 and onsite private well MW-4.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/17/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 3 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of additional labor hours needed to complete regional groundwater sampling due to low purge and stabilization rates at the wells, and groundwater sampling shipping costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/26/2022
Comments: Correspondence sent to property owner asking additional contact information to coordinate groundwater sampling at the property. The property's address and property owners' name are confidential.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/31/2022
Comments: Contract 22-T5003 Amendment No.1 Work Order No. 1 authorizes RMD Environmental Solutions, Inc. (Contractor) to provide personnel, services, materials, and equipment to conduct technical consultative services at the DWA Plume site as follows: Task 6 Supplemental Soil Gas Survey Work Plan Addendum Task 7 Temporary Nested and Single Completion Soil Gas Probes Installation Task 8 Soil Gas Sampling Task 9 Soil Lithology Vertical Profiling and Grab Groundwater Sampling Task 10 Semi-Qualitative VOC Concentration Profiling with Membrane Interface Probe Task 11 Supplemental Site Characterization Report Task 12 - Public Outreach Support Service Task 13 Meetings and Teleconferences

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 04/15/2022
Comments: Consent for Access to Property from Cummins Sales and Service allowing DTSC and/or its contractor to access property located at 14333 Wicks Boulevard (Assessor Parcel Number 77B-851-6) in San Leandro, California (Property) for the purpose of collecting groundwater samples at monitoring wells MW-1, MW-2, MW-3, MW-4, and MW-5 located at the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/31/2022
Comments: Correspondence sent to San Leandro Unified School District (Property

DWA PLUME (Continued) **S101272669**

owner) requiring consent to access to public well. The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. A public well located in the Burrell Field in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/14/2022
Comments: All work under Contract No. 20-T4841 for the DWA Plume site is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/21/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 2 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of supplemental insurance coverage and general and administrative overhead labor efforts needed to address the City of San Leandro insurance requirements for a minor encroachment permit as follows: Commercial General Liability ($3,000,000 per occurrence/$6,000,000 aggregate along with additional insured and primary non-contributory endorsements), Automobile Liability ($2,000.000), and Worker Compensation Liability ($ 1,000,000).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/27/2022
Comments: RMD Environmental Solutions, Inc. (Contractor) agreed to enter into a Contract (Contract 21-T5003 Amendment 1; contract amendment) with the Department of Toxic Substances Control (DTSC) to provide personnel, services, materials, and equipment that are needed to conduct technical consultative services at the DWA Plume site. Services requested under this contract amendment are the following: Task 6 Supplemental Soil Gas Survey Work Plan Addendum Task 7 Temporary Nested and Single Completion Soil Gas Probes Installation Task 8 Soil Gas Sampling Task 9 Soil Lithology Vertical Profiling and Grab Groundwater Sampling Task 10 Semi-Qualitative VOC Concentration Profiling with Membrane Interface Probe Task 11 Supplemental Site Characterization Report Task 12 - Public Outreach Support Service Task 13 Meetings and Teleconferences

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/10/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from five (5) monitoring wells located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring

DWA PLUME (Continued) **S101272669**

Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/21/2022
Comments: Groundwater sampling completed by October 21, 2022.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/30/2018
Comments: Report presents results of indoor air sampling events in November 2017 and February 2018. Sampling events were conducted in a portion of the residential area of the DWA Plume in the Cedar Avenue vicinity (the Residential Area).

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/03/2019
Comments: Primary volatile organic compounds (VOCs) concentrations in the grab groundwater samples are generally consistent with the conceptualization of the regional DWA Plume as presented in the 2015 Groundwater Monitoring Report and historical concentrations. Groundwater concentrations do not correlate well with soil vapor concentrations in the collocated boreholes. The site-specific groundwater/soil vapor correlation for tetrachloroethene and trichloroethene concentrations varies over several order of magnitude for the different boreholes; hence, establishing a uniform site-specific attenuation factor is not recommended.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/20/2019
Comments: The purpose of the Soil Vapor and Groundwater Sampling Work Plan (Work Plan) is to define the lateral extent of the elevated soil vapor that was detected in 2015 in the Cedar Avenue vicinity and to investigate groundwater contamination in the same area. The Work Plan presents the site background, scope of work, data evaluation and reporting, and anticipated schedule.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/13/2019
Comments: Field activities consisted of installation of three temporary soil vapor probes and soil vapor sampling 48-hours after installation.

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/13/2002
Comments: Notice of exemption for San Leandro Boulevard RAW

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 05/29/1992
Comments: Issued Imminent and Substantial Endangerment Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/16/2018
Comments: Contract 17-T4438 authorizes activities required to perform a volatile organic carbon source delineation investigation in the Residential Area of the DWA Plume in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/23/2018
Comments: Fully-executed contract dated 3/23/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 04/16/2020
Comments: Disallowance decision letter provides DTSC s Contract Manager reasons regarding the September 6, 2019 dispute concerning Contract 17-T4438 Work Order 1 Invoice 207595 disallowance in accordance with Section 12 of Exhibit D of the Contract 17-T4438.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/14/2019
Comments: No exposure symptoms noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 10/16/2019
Comments: Orphan Memo approved, signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Activity completed on June 30, 2021.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2019
Comments: All work under Contract No. 17-T4438 for the San Leandro - DWA Plume

DWA PLUME (Continued) **S101272669**

site is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/14/2022
Comments: Consent for Access to Property allows permission from property owner to DTSC and or its contractor to sample private well located at the limits of the property. The property's address and property owners' name are confidential. Copy of Consent for Access to Property available to the public has been redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2022
Comments: Activity created to capture project management labor hours during FY 21/22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2020
Comments: Contract 20-T481 with RMD. Contract scope of work consists of technical consultative services to provide deliverable necessary to perform additional remedial investigations at the DWA Plume site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/09/2020
Comments: DTSC proposes a settlement with Apex Companies, LLC (Apex) regarding Contract 17-T4438 Work Order 1 - Invoice 207595 Disallowance Decision. DTSC proposes to pay Apex $3,298.75, which corresponds to half of the disallowed amount if Apex and DTSC sign a Settlement Agreement and Release of Claims.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private well located in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. The property's address and property owners' name are confidential Correspondence sent to Property owner requiring consent to access to private well. Due to confidentially, Property owner information redacted on correspondence version available to the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/04/2022
Comments: Contract 21-T5003 (Contract) with RMD. Contract scope of work consists of environmental data management and visualization, regional

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groundwater monitoring, and vapor intrusion preferential pathway evaluation in the DWA Plume Residential East Area

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/16/2023
Comments: The Regional Groundwater Monitoring Report (Report) for the DWA Plume documents pre-field activities, groundwater monitoring activities, findings, quality assurance protocols, and a discussion of investigation results. The regional groundwater sampling activities were consistent with the 2022 DWA Plume Supplemental Site Characterization Work Plan which details the investigative scope of work in the DWA Plume area, including a regional groundwater monitoring event with compound specific isotope analysis (CSIA) and microbial analysis performed at select wells.

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/22/2006
Comments: DTSC prepared HRC Injection Work Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/16/2023
Comments: Supplemental Site Characterization Work Plan Addendum (Addendum) describes modifications to the 2022 Supplemental Site Characterization Work Plan (Work Plan). Addendum modifications to the Work Plan are based on the October 2022 DWA Plume regional groundwater monitoring results, including compound-specific isotope analyses (CSIA) and microbial analysis performed at select wells within the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/13/1989
Comments: The Investigations indicate the presence of volatile organic compounds in shallow groundwater beneath the vicinity of the 750 139th Avenue Site. Groundwater in the intermediate-depth zone was impacted at one location. Several metals (barium, cadmium, chromium, and lead) were also present at levels drinking water standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/1991
Comments: The fact sheet provides information about well water testing in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/20/2006
Comments: VOCS are still present in the San Leandro Residential area at

DWA PLUME (Continued) **S101272669**

concentrations comparable to the historical data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/20/1993
Comments: Upper groundwater is contaminated with chlorinated volatile organic compounds at a number of locations throughout the study area. The data show that the contaminated groundwater has migrated and is continuing to migrate off-site areas to the west/southwest.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/20/1995
Comments: Seven monitoring wells were installed in the residential area. Soil volatile organic compound (VOC)concentrations were below regulatory levels. VOCs were detected in groundwater. Soil gas and ambient air sample had some detections of VOCs and these data will be used in the risk assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/29/1995
Comments: Groundwater sampling was conducted at 41 locations in the industrial area of San Leandro. Trichloroethylene, tetrachloroethylene and cis-1,2-dichloroethylene were detected.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 01/10/2007
Comments: DTSC prepared an amendment to the HRC injection Workplan for BDI bacteria injection.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2007
Comments: Fieldwork completed.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/05/2004
Comments: Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 04/01/1997
Comments: All estimated cancer and non-cancer risks for human receptors were within acceptable risk range. This risk estimate assumes that the shallow groundwater will not be used for domestic purposes.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/06/2006
Comments: This site (2700 Merced Street) is located within the DWA Plume and volatile organic compounds (VOCs) above drinking water standards has been detected in groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/23/1993
Comments: Cone Penetrometer Testing, Hydropunch Groundwater Sampling, and Coordinated Monitoring Well Sampling results are presented in this report. Evaluation of this data is included in the Remedial investigation report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/17/1987
Comments: A plume of volatile organics exists in the shallow groundwater beneath 750 139th Avenue. The source of contamination is unknown and probably is not located at 750 139th Avenue.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/16/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 27, 2007. PDBs were retrieved after equilibration on July 28, 2007 from monitoring wells within the DWA Plume Residential and Toe of the Plume areas.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/16/2007
Comments: Results of the post BDI injection ground water sampling event indicate that PCE concentrations in most wells are still fluctuating within the historical ranges. However, R-1 and MW-R51, showed significant decreases of PCE concentrations after the HRC/BDI injections and significant increases in cis-1,2-DCE concentrations. Increase in cis-1,2 DCE concentrations, whcih is a daughter product of dechlorination of PCE, indicates active ongoing dechlorination in wells R1 and MW-R51, which can be directly related to the injection of HRC and BDI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/29/1993
Comments: The Investigations indicate the presence of volatile organic compounds in shallow groundwater, primarily trichloroethene (TCE) and tetrachloethene (PCE). Shallow groundwater plume was more than a mile wide and two miles long. The plume is commingled plume with multiple source areas.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/1988
Comments: The fact sheet describes activities associated with Phase II remedial investigations at 750 139th Avenue and 1465 Factor Avenue Sites.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/19/2003
Comments: Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/13/1989
Comments: The purpose of this investigation was to evaluate the regional hydrogeologic conditions in the San Leandro area so that data collected at the 1465 Factor Avenue and 750 139th Avenue Sites can be evaluated within a larger hydrogeologic context.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 09/15/2006
Comments: Completion report approved which documents the activities relating to the injection of Hydrogen Releasing Compound.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/16/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 4 and 6, 2007. PDBs were retrieved after equilibration on April 27, 2007 from monitoring wells within the DWA Plume Residential Area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/17/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on July 18, 2007. PDBs were retrieved after equilibration on October 17, 2007 from monitoring wells within the DWA Plume Residential Area.

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/31/2002
Comments: Public Notice for Draft RAW for Soils

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report

DWA PLUME (Continued) **S101272669**

Completed Date: 05/11/2004
Comments: Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/15/2008
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on October 17, 2007. PDBs were retrieved after equilibration on January 17, 2008 from monitoring wells within the DWA Plume Residential and Toe of the Plume areas.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/16/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 4 and 6, 2007. PDBs were retrieved after equilibration on April 27, 2007 from monitoring wells within the DWA Plume Toe of the Plume area

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/17/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on July 18, 2007. PDBs were retrieved after equilibration on October 17, 2007 from monitoring wells within the DWA Plume Toe of the Plume area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/26/2007
Comments: Results of the post BDI injection ground water sampling event indicate that PCE concentrations in most wells are still fluctuating within the historical ranges. However, R-1 and MW-R51, showed significant decreases of PCE concentrations after the HRC/BDI injections and significant increases in cis-1,2-DCE concentrations.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/17/2007
Comments: Results appear to be consistent with previous results showing significant decreases in parent compounds and increases in daughter products.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2008
Comments: Results appear to be consistent with previous results showing significant decreases in parent compounds and increases in daughter products.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	09/11/2014
Comments:	Groundwater monitoring workplan outlines activities to further characterize the VOC-impacted DWA Plume
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	02/13/2007
Comments:	Amend the existing workplan to add monitoring of 10 wells in the residential area and 4 wells in the toe of the Plume.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	01/27/2012
Comments:	Groundwater monitoring was conducted in the DWA plume and overall VOC concentrations are in a decreasing trend, except for PCE in the residential area.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	04/08/2014
Comments:	Remedial Investigation Report summarizes previous environmental and hydrogeologic investigations, removal action workplans, or remedial action plans, treatability studies and provide recommendations for next steps and future work.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	04/07/2016
Comments:	Workplan to conduct indoor air sampling in 20 homes in the Cedar Avenue area.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	02/28/2018
Comments:	Resampling fieldwork completed on 2/28/2018.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/22/2023
Comments:	Fieldwork activities conducted according to the DTSC approved Supplemental Site Characterization Work Plan. Fieldwork activities completed on September 22, 2023.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date:	12/11/2019
Comments:	According to the information provided, the current building structure

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was constructed in the late 1970 s and it has been used for food processing by Saag s since that time. There were no historical records or other indications of the storage or use of significant quantities of hazardous materials at the Property. Groundwater monitoring event conducted as part of the Phase II investigation shows that volatile organic chemicals (VOCs)-impacted groundwater migrating onto the Property derive from upgradient source areas of the DWA Plume (regional VOC-impacted groundwater plume), consistent with the historical groundwater data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/07/2021
Comments: Current Conditions Report (CCR) reviews the DWA Plume site background information and current conditions to identify data gaps in anticipation of preparation of a Supplemental Investigation Work Plan and subsequent Site-Wide Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 03/03/2022
Comments: Supplemental Site Characterization Work Plan outlines activities within the DWA Plume site area (Site) to address data gaps identified in the December 3, 2021, Current Conditions Report in preparation for a Site-Wide Remedial Action Plan for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/07/2023
Comments: Work Notice distributed to local community about a supplemental site characterization that will be conducted in the central portion of the City of San Leandro, California. Work Notice distributed to 6,549 USPS mailing addresses.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/19/2014
Comments: CFA signed 2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/08/2014
Comments: Contract 14-T3907 authorizes activities required for potential responsible party search in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/08/2014
Comments: Contract Fiscal Approval (CFA) 14-126 for Contract 14-T3907 which authorizes potential responsible party search in the DWA Plume Residential Area.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/07/2015
Comments: Amendment 2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/04/2015
Comments: Work order to add additional soil gas and groundwater samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/12/2014
Comments: work order amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/24/2015
Comments: Contract for in-situ bioremediation in residential area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2015
Comments: extension of contract to December 31, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/20/2015
Comments: Contract Fiscal Approval (CFA) 14-292 for Contract 14-T3968 which authorizes activities required to conduct an in-situ bioremediation pilot study in the Residential Area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/15/2015
Comments: Contract 14-T3907 authorizes activities for conducting a responsible party search at the residential area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 08/10/2023
Comments: Request for information and documents submitted to the Respondents of the property located at 14333 Wicks Boulevard, San Leandro,

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California, 94577, Alameda County Assessorn++s Parcel Number (APN) 77B-851-6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/23/2018
Comments: Fully-executed Contract 17-T4437 between the Department of Toxic Substances Control and the Engineering/Remediation Resources Group, Inc. The Contract scope of work consists of preparing and implementing a workplan for in situ bioremediation by groundwater injection and performing pre- and post-injection groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2024
Comments: Supplemental Site Characterization Non-Hazardous Waste Manifest of well purging/decon water.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/20/2018
Comments: DTSC issued Work Order No. 1 under Contract 17-T4438 to Apex Companies, Inc. The activities to be performed under the Work Order are for the purpose of better defining the lateral extent of groundwater and soil gas plumes encroaching on the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/20/1987
Comments: Evaluation of the soil gas investigation results indicates one and possibly two areas of volatile organic compounds and total hydrocarbon soil gas contamination near 750 139th Avenue.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/11/2003
Comments: Four Monitoring wells were installed in the toe of the DWA Plume area and 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/11/2004
Comments: Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan

DWA PLUME (Continued) **S101272669**

Completed Date:	08/04/2005
Comments:	Workplan to conduct soil gas investigation at the residential area accepted.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/09/2006
Comments:	Volatile organic compounds are present in the residential area and are comparable to 2003 results.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/22/2014
Comments:	Site visit during soil vapor probe installation and soil vapor sampling.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/30/2006
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on May 4, 2006. PDBs were retrieved after equilibration on May 22, 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	02/28/1995
Comments:	Public Participation Plan for the San Leandro Plume approved.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	03/09/2006
Comments:	Soil gas investigation found elevated tetrachloroethene(PCE) soil gas concentrations in the vicinity of Monterey Boulevard which appear to correlate with high PCE concentrations in groundwater. The report recommends addition soil gas investigation and possible treatment of groundwater to reduce concentrations.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	02/27/2006
Comments:	Groundwater Sampling completed.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot Study/Treatability Workplan
Completed Date:	05/19/2006
Comments:	DTSC prepared HRC injection workplan to inject HRC and HRC-X at 2 locations in San Leandro Residential Area.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

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Completed Document Type: Remedial Investigation Report
Completed Date: 12/29/1995
Comments: Hydrogeology of Central San Leandro Remedial Investigation of the Regional Groundwater Contamination, San Leandro Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/20/2004
Comments: Pilot Study was completed using HRC and DHE bacteria to treat groundwater at 2 locations in the DWA plume. One location was in the high PCE area in the residential area and the other location was near Aladdin Street near U.S. Can Site.

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/31/2002
Comments: Fact Sheet for Draft RAW for soils

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/20/2004
Comments: Pilot Study was completed at 2 locations in San Leandro Boulevard area using HRC and DHE bacteria. One location was in the Cherry Street and the other location was in the Hudson SIte.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/25/2003
Comments: Tetrachloroethene (PCE) concentrations are 1 to 2 orders of magnitude less downgradient of the high PCE concentration area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/28/1995
Comments: Groundwater sampling was conducted at 34 locations in the residential area of San Leandro. Trichloroethylene, tetrachloroethylene and cis-1,2-dichloroethylene were detected.

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/31/2006
Comments: BDI Injection was completed.

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 10/11/2006
Comments: Completion report approved which documents the activities relating to the injection of Hydrogen Releasing Compound and BDI bacteria.

Completed Area Name: San Leandro Residential Area

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Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2006
Comments: HRC Injection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/13/2014
Comments: Work notice to inform the local community about soil gas sampling in the DWA Plume area located between Washington Avenue, Floresta Boulevard, Marina Boulevard and the San Francisco Bay in San Leandro, CA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/18/2014
Comments: CFA signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/21/2014
Comments: Contract 13-T3787 WO1 authorizes activities for groundwater and soil gas investigation at the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/19/2014
Comments: Contract 13-T3787 WO 1 for groundwater and soil gas monitoring in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2013
Comments: DTSC oversight cost estimate for fiscal year 2013/2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 01/10/2019
Comments: The memorandum documents the potentially-responsible parties (PRPs) identified for the DWA Plume. Of the 14 sites and study areas within the footprint of the regional groundwater plume, DTSC identified PRPs for four sites: Singer Friden, Century Plating, Cintas Corporation, and Hudson I.C.S. DTSC recovered $6.5 million for past and future costs related to the Singer Friden site. The data suggest that the contaminants at three sites do not impact the regional groundwater plume. If additional sources for the regional groundwater plume are identified in the future, it may be appropriate to pursue cost recovery from additional PRPs. At this time, however, there are no additional PRPs to pursue.

Completed Area Name: PROJECT WIDE

DWA PLUME (Continued) **S101272669**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/12/2013
Comments: Phase 1 ESA, Phase One Inc., January 2013 and Phase 2, Groundwater Investigation, Phase One Inc., March 2013 review revealed no evidence of a release at this site. Groundwater contamination underneath property is related to the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/16/2014
Comments: Contract for groundwater and soil gas investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/25/2014
Comments: Various letters requesting access to sample private wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/20/2015
Comments: Time extension CFA

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/01/2017
Comments: Letters to residents of the Cedar Avenue area in the DWA Plume requesting consent to access property to collect indoor air samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/11/2006
Comments: volatile organic compounds (VOCS) are still present in the DWA Plume Residential area at concentrations comparable to the historical data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/09/2006
Comments: VOCS are still present in the San Leandro Residential area at concentrations comparable to the historical data.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/10/2005

DWA PLUME (Continued) **S101272669**

Comments:	Groundwater sampling completed.
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/30/2001
Comments:	25 cone penetrometer tests were conducted in the toe of the plume. Tetrachloroethene and trichloroethene were detected.
Completed Area Name:	San Leandro Boulevard Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/13/2002
Comments:	Approved RAW for the contamination located next to 2481 San Leandro Boulevard which requires the excavation and offsite disposal of soil contaminated with TCE and PCE.
Completed Area Name:	San Leandro Boulevard Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	11/12/2002
Comments:	Completed RA. Between August 1 and August 26, 2002, DTSC's contractor conducted a removal action using state funds at the San Leandro Source Area. Approximately 500 cubic yards of soil contaminated with volatile organic compounds (VOCs) primarily trichloroethene (TCE) and tetrachloethene (PCE) was excavated from the following locations: 1) the 1600 square foot area adjacent to San Leandro Boulevard (to a depth of 7 feet), and 2) the 100 square foot area extending into San Leandro Boulevard (to a depth of 15 feet).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/07/2015
Comments:	Work notice for additional soil gas sampling in three areas of the DWA plume
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	10/21/2011
Comments:	Workplan for groundwater sampling approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	07/23/2015
Comments:	Workplan addresses follow up sampling of soil gas and groundwater based on previous investigation results.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	10/14/2014
Comments:	Soil Vapor Sampling Work Plan (Work Plan) for the DWA Plume located within the DWA Plume Study Area in San Leandro, California. The purpose of this Work Plan is to further characterize soil vapor

DWA PLUME (Continued) **S101272669**

conditions in the DWA Plume through sampling and laboratory analysis of select volatile organic compounds (VOCs).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/20/2015
Comments: Report documents supplemental soil gas sampling conducted during 2015. One new hot spot area identified and recommended for indoor air sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/07/2022
Comments: Correspondence/Work Notice sent to private and public well owners. Confidential information (e.g., residence address, homeowner name, etc.) redacted. DTSC anticipates minimal disruption to local community during groundwater sampling of wells located at public-right-of-way areas. Groundwater sampling activities will extend to about two (2) hours or less and, at a maximum, two (2) public parking areas will be required during sampling activities.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Plan
Future Due Date: 2026
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Five-Year Review Reports
Future Due Date: 2026
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Site Characterization Report
Schedule Due Date: 06/13/2024
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Investigation / Feasibility Study
Schedule Due Date: 04/30/2025
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Remedial Action Completion Report
Schedule Due Date: 08/07/2024
Schedule Revised Date: 10/10/2030

ENVIROSTOR:
Name: DWA PLUME
Address: SAN LEANDRO (GROUNDWATER CONTAMINATION)
City,State,Zip: SAN LEANDRO, CA 94578
Facility ID: 01990002
Status: Active
Status Date: 12/31/1999
Site Code: 208001
Site Type: State Response
Site Type Detailed: State Response or NPL

DWA PLUME (Continued) **S101272669**

Acres:	100
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.70585
Longitude:	-122.1530
APN:	075 008401405, 075 008401502, 075 008401904, 075 008700102, 075 008700416, 075 008700800, 077A065000310, 077B080001400, 077B085500702, 077B085500708, 077B085500803, 077B085503100, 077D142400508, 077D143701304, 077D144000123
Past Use:	DRY CLEANING, LAUNDRY SERVICES, MANUFACTURING - ELECTRONIC, MANUFACTURING - LUMBER/WOOD PRODUCTS, MANUFACTURING - METAL, PAINT MANUFACTURING, RESIDENTIAL AREA, TRANSPORTATION - WAREHOUSING
Potential COC:	Tetrachloroethylene (PCE Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis
Confirmed COC:	Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis Tetrachloroethylene (PCE
Potential Description:	OTH, SV, OTH, SV
Alias Name:	1465 FACTOR AVENUE SITE (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	750 139TH SITE (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	SAN LEANDRO REGIONAL PLUME
Alias Type:	Alternate Name
Alias Name:	SINGER-FRIDEN (OFF-SITE)
Alias Type:	Alternate Name
Alias Name:	075 008401405
Alias Type:	APN
Alias Name:	075 008401502
Alias Type:	APN
Alias Name:	075 008401904
Alias Type:	APN
Alias Name:	075 008700102
Alias Type:	APN
Alias Name:	075 008700416
Alias Type:	APN
Alias Name:	075 008700800
Alias Type:	APN
Alias Name:	077A065000310
Alias Type:	APN
Alias Name:	077B080001400
Alias Type:	APN
Alias Name:	077B085500702
Alias Type:	APN
Alias Name:	077B085500708
Alias Type:	APN

DWA PLUME (Continued) **S101272669**

Alias Name:	077B085500803
Alias Type:	APN
Alias Name:	077B085503100
Alias Type:	APN
Alias Name:	077D142400508
Alias Type:	APN
Alias Name:	077D143701304
Alias Type:	APN
Alias Name:	077D144000123
Alias Type:	APN
Alias Name:	110033618627
Alias Type:	EPA (FRS #)
Alias Name:	200034
Alias Type:	Site Code - Historical
Alias Name:	201326
Alias Type:	Site Code - Historical
Alias Name:	201327
Alias Type:	Site Code - Historical
Alias Name:	201328
Alias Type:	Site Code - Historical
Alias Name:	200327
Alias Type:	Project Code (Site Code)
Alias Name:	208001
Alias Type:	Project Code (Site Code)
Alias Name:	01240035
Alias Type:	Envirostor ID Number
Alias Name:	01340040
Alias Type:	Envirostor ID Number
Alias Name:	01340117
Alias Type:	Envirostor ID Number
Alias Name:	01360094
Alias Type:	Envirostor ID Number
Alias Name:	01380001
Alias Type:	Envirostor ID Number
Alias Name:	01470004
Alias Type:	Envirostor ID Number
Alias Name:	01730011
Alias Type:	Envirostor ID Number
Alias Name:	01750029
Alias Type:	Envirostor ID Number
Alias Name:	01750031
Alias Type:	Envirostor ID Number
Alias Name:	01890017
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date:	10/16/2006
Comments:	CFA approved
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	07/18/2011

DWA PLUME (Continued) **S101272669**

Comments:	Work order for sampling of existing wells (Cover letter incorrectly dated June 18 instead of July 18, 2011).
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	12/15/2006
Comments:	Contract for BDI Injection and groundwater monitoring
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	12/20/2006
Comments:	Work order issued to conduct BDI Injections and groundwater monitoring.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pre-HARP Form
Completed Date:	08/17/2023
Comments:	Pre-HARP form for planned activities to be conducted in 2023-2024.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	06/08/2023
Comments:	Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023. All confidential information (property's address and property owners' name) of residences located at the DWA Plume site, San Leandro, which consented to DTSC collecting groundwater samples are redacted.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	09/18/2023
Comments:	The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 4 increases funds to perform additional services under task 7 (Temporary Nested and Single Completion Soil Gas Probes Installation). Additional technical consultative services are needed to install a soil gas probe that was tentatively installed on September 13, 2023, but a physical obstruction was observed at a depth shallower than five feet below the ground surface. Funds to support additional service requests will be transferred from Contract Work Order No.1 Task 9 to Task 7.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/28/2024
Comments:	Activity completed for FY 23/24.

DWA PLUME (Continued) **S101272669**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/20/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 3 increases funds to perform additional services under Task 6 (Supplemental Soil Gas Survey Work Plan Addendum). Additional technical consultative services are needed to evaluate any modifications to the encroachment and boring permitting methods and/or submission process with the City of San Leandro and the Alameda County Public Works Agency (ACPWA). Funds to support additional service requests will be transferred from Contract s Work Order No.1 Task 12 to Task 6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/14/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 1 increases funds to Task 6 - Supplemental Soil Gas Survey Work Plan Addendum to perform additional services. Additional services consist of additional costs associated with boring permits required by the Alameda County Public Work Agency per Alameda County Gen. Ord. Code Section 6.88.02 to conduct activities listed under Contract s Tasks 7, 8, 9, and 10.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property and offsite but associated with the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property and offsite but associated with the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/02/2023
Comments: The Contract 21-T5003 A1 (Contract) Work Order No. 1 Amendment No. 2 increases funds to perform additional services under Task 6 (Supplemental Soil Gas Survey Work Plan Addendum). The additional

DWA PLUME (Continued) **S101272669**

services consist of payment of the Encroachment Permit fee deposit required by the City of San Leandro. Funds to support service requests are available from the Contract s contingency provision.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023. All confidential information (property's address and property owners' name) of residences located at the DWA Plume site, San Leandro, which consented to DTSC collecting groundwater samples are redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from monitoring wells located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/14/2024
Comments: Contract 21-T5003 Amendment No. 2 (A-2) extends the term end date from June 30, 2024 to December 30, 2025.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/08/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from an irrigation well located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/21/2015
Comments: Contract for sampling indoor air in the DWA Plume.

Completed Area Name: PROJECT WIDE

DWA PLUME (Continued) **S101272669**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/09/2016
Comments: Stop work order because contract expired.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/05/2016
Comments: Work order for indoor air sampling in the Cedar Avenue area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/07/2017
Comments: Requisition approved for indoor air sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/03/2017
Comments: Fully-executed contract for SGI Indoor Air Sampling at San Leandro Plume $40k

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/22/2014
Comments: Various letters to individuals requesting to access and sample private wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/30/2017
Comments: Contract 16-T4283 authorizes activities for conducting indoor air sampling at the Cedar Avenue residential area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/12/2018
Comments: DTSC letter releasing Engineering/Remediation Resources Group, Inc. from Contract No. 16-T4289. Vapor intrusion mitigation systems were to be installed in the Cedar Avenue residential area; however, the work was not required or performed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 10/20/2014
Comments: Access agreement to sample well on PG&E property

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/13/2017

DWA PLUME (Continued) **S101272669**

Comments:	Requisition for VI mitigation in Cedar Ave industrial area submitted 3/13/2017.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/09/2001
Comments:	Seven monitoring wells in the residential area were sampled. Tetrachloroethene and trichloroethene and were detected in some wells. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	12/15/2022
Comments:	October 2022 Regional Groundwater Monitoring Well Purge/Decontamination Non-Hazardous Waste Manifest
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	05/11/2015
Comments:	Shallow soil vapor samples are elevated in several locations, follow up is required and will include additional sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	05/11/2015
Comments:	Groundwater concentrations are consistent with historical concentrations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	04/28/2015
Comments:	Risk was evaluated regarding use of groundwater for irrigation and for recreational uses. The risk evaluation indicates that water can be used for irrigation, but should not be used for recreational uses such as swimming pools.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	04/04/2019
Comments:	Work Notice for a Soil Vapor and Groundwater Sampling Investigation conducted at Cedar Avenue vicinity in San Leandro.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/28/2019
Comments:	The activities included in the Soil Vapor and Groundwater Sampling Workplan were completed. Investigation-derived waste was profiled and characterized as non-hazardous. The temporary waste storage area was disassembled on May 24, 2019

DWA PLUME (Continued) **S101272669**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/26/2019
Comments: Historical San Leandro Sandborn Maps were scanned into PDF format and saved in the DTSC server (M Drive)

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/30/2019
Comments: Work notice informing local community about soil vapor investigation to be conducted in the Juniper Street Vicinity in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/25/2011
Comments: Contract Fiscal Approval (CFA) 10-260 for groundwater monitoring at the DWA Plume in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/15/2011
Comments: Contract 10-T1146 with URS for groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/23/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 14333 Wicks Boulevard, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. First correspondence (Correspondence) sent to Property owner on February 1, 2022. Correspondence required consent to access to private wells MW-1, MW-2, MW-3, MW-4, and MW-5. First correspondence returned to DTSC returned due to the property being vacant. DTSC contacted current property owner (Cummins Pacific LLC) on February 22, 2022. Property owner representative informed that Property s mailing should be addressed to 14755 Wicks Blvd., San Leandro, California 94577. On February 23, 2022, DTSC issued a second correspondence to Property owner with an updated mailing address.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. A private well located in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. The property’s address and property owners’ name are confidential

DWA PLUME (Continued) **S101272669**

Correspondence sent to Property owner requiring consent to access to private well.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/01/2022
Comments: Consent for Access to Property allows permission from Cintas Corporation to DTSC and or its contractor to sample monitoring well GS-7, located offsite at 14000 Washington Boulevard in San Leandro, California, and a consent to access property located at 777 139th Avenue, San Leandro, California to sample wells GS-1 and PZ-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 14333 Wicks Boulevard, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access to private wells MW-1, MW-2, MW-3, MW-4, and MW-5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/10/2022
Comments: Consent for Access to Property allows permission from property owner to DTSC and or its contractor to sample private well located at the limits of the property. The property's address and property owners' name are confidential. Copy of Consent for Access to Property available to the public has been redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/18/2022
Comments: Consent for Access to Property from Real Estate & Customer Experience allows DTSC and/or its contractor to access property located at 2756 Alvarado Street in San Leandro, California (Property) for the purpose of collecting groundwater samples at monitoring well MW-2 and MW-6R located at the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/28/2022
Comments: Revising RFF 21-0257 dated 2/2/2022. This RFF requests funds to conduct Supplemental Site Characterization and public participation for DWA Plume site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/09/2022

DWA PLUME (Continued) **S101272669**

Comments: Revising RFF 21-0139 dated 9/28/2021. This RFF revision requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private wells located at 2756 Alvarado Street, San Leandro, California (Property) were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access to private wells MW2- and MW-6R

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/18/2022
Comments: RFF requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/19/2021
Comments: RFF requests funds to conduct data management and visualization of historical and current environmental data, groundwater sampling of regional DWA Plume, and preferential pathway evaluation in the DWA Plume Residential Eastern Area

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Onsite private wells located at 777 139th Avenue, San Leandro, California (Property) and offsite well located at 14000 Washington Boulevard San Leandro, California were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access offsite private well GS-7 and onsite private wells GS-1 and PZ-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/15/2022
Comments: Consent for Access to Property from Chill Build LLC allows DTSC and/or its contractor to access property located at 400 Polar Way in San Leandro, California to sample well MW-4, and allows access to

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sample MW-8 and MW-10 located offsite between 500-600 Montague Avenue in San Leandro, California.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 09/02/2022
Comments: Consent for Access to Property from San Leandro Unified School District allowing DTSC and/or its contractor to access property located at 2451 Teagarden Street in San Leandro, California (Burrell Field, Assessor Parcel Number 79A-295-2-12; Property) for the purpose of collecting groundwater samples at an irrigation well located at the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2020
Comments: Contract 20-T4841 Work Order # 1 with RMD. Work Order #1 scope of work consists of three tasks as follows: Task 1 Development of a Current Conditions Report Task 2 Development of a Supplemental Site Characterization Workplan Task 3 Participation in meetings and teleconferences as necessary

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 1 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of review of and submittal of generalized temporary traffic control plans (TPCs) and execution of reversible lane traffic control during groundwater sampling in a public-right-of-way (ROW) area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2023
Comments: Project management activities for FY 2022/2023 completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/13/2022
Comments: Contract 21-T5003 WO-001 with RMD. Contract scope of work consists of technical consultative services to provide (i) deliverable necessary to perform environmental data management and visualization, (ii) regional groundwater monitoring, and (iii) vapor intrusion preferential pathway evaluation in the DWA Plume Residential East Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional

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groundwater quality assessment of DWA Plume in 2022. Private well located at 2481 San Leandro Boulevard, San Leandro, California (Property) selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access to a private well (MW-2).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Onsite private well located at 400 Polar Way, San Leandro, California (Property) and offsite wells located between 600-500 Montague Avenue San Leandro, California were selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. Correspondence sent to Property owner requiring consent to access offsite private wells MW8- and MW-10 and onsite private well MW-4.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/17/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 3 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of additional labor hours needed to complete regional groundwater sampling due to low purge and stabilization rates at the wells, and groundwater sampling shipping costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/26/2022
Comments: Correspondence sent to property owner asking additional contact information to coordinate groundwater sampling at the property. The property’s address and property owners’ name are confidential.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/31/2022
Comments: Contract 22-T5003 Amendment No.1 Work Order No. 1 authorizes RMD Environmental Solutions, Inc. (Contractor) to provide personnel, services, materials, and equipment to conduct technical consultative services at the DWA Plume site as follows: Task 6 Supplemental Soil Gas Survey Work Plan Addendum Task 7 Temporary Nested and Single Completion Soil Gas Probes Installation Task 8 Soil Gas Sampling Task 9 Soil Lithology Vertical Profiling and Grab Groundwater Sampling Task 10 Semi-Qualitative VOC Concentration Profiling with Membrane Interface Probe Task 11 Supplemental Site Characterization Report Task 12 - Public Outreach Support Service Task 13 Meetings and Teleconferences

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 04/15/2022
Comments: Consent for Access to Property from Cummins Sales and Service allowing DTSC and/or its contractor to access property located at 14333 Wicks Boulevard (Assessor Parcel Number 77B-851-6) in San Leandro, California (Property) for the purpose of collecting groundwater samples at monitoring wells MW-1, MW-2, MW-3, MW-4, and MW-5 located at the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/31/2022
Comments: Correspondence sent to San Leandro Unified School District (Property owner) requiring consent to access to public well. The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. A public well located in the Burrell Field in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/14/2022
Comments: All work under Contract No. 20-T4841 for the DWA Plume site is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/21/2022
Comments: The Contract 21-T5003 Work Order No. 1 Amendment No. 2 increases funds to Task 2 - Regional Groundwater Monitoring Fieldwork perform additional services. Additional services consist of supplemental insurance coverage and general and administrative overhead labor efforts needed to address the City of San Leandro insurance requirements for a minor encroachment permit as follows: Commercial General Liability ($3,000,000 per occurrence/$6,000,000 aggregate along with additional insured and primary non-contributory endorsements), Automobile Liability ($2,000.000), and Worker Compensation Liability ($ 1,000,000).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/27/2022
Comments: RMD Environmental Solutions, Inc. (Contractor) agreed to enter into a Contract (Contract 21-T5003 Amendment 1; contract amendment) with the Department of Toxic Substances Control (DTSC) to provide personnel, services, materials, and equipment that are needed to conduct technical consultative services at the DWA Plume site. Services requested under this contract amendment are the following: Task 6 Supplemental Soil Gas Survey Work Plan Addendum Task 7 Temporary Nested and Single Completion Soil Gas Probes Installation Task 8 Soil Gas Sampling Task 9 Soil Lithology Vertical Profiling and Grab

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Groundwater Sampling Task 10 Semi-Qualitative VOC Concentration Profiling with Membrane Interface Probe Task 11 Supplemental Site Characterization Report Task 12 - Public Outreach Support Service Task 13 Meetings and Teleconferences

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/10/2023
Comments: Correspondence to the Property owner who allowed DTSC to collect groundwater samples from five (5) monitoring wells located at the Property. The groundwater sampling event was part of a large (regional) groundwater quality assessment conducted in the central portion of the City of San Leandro. Results of the groundwater sampling event are documented in the Regional Groundwater Monitoring Report, dated May 16, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/21/2022
Comments: Groundwater sampling completed by October 21, 2022.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/30/2018
Comments: Report presents results of indoor air sampling events in November 2017 and February 2018. Sampling events were conducted in a portion of the residential area of the DWA Plume in the Cedar Avenue vicinity (the Residential Area).

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/03/2019
Comments: Primary volatile organic compounds (VOCs) concentrations in the grab groundwater samples are generally consistent with the conceptualization of the regional DWA Plume as presented in the 2015 Groundwater Monitoring Report and historical concentrations. Groundwater concentrations do not correlate well with soil vapor concentrations in the collocated boreholes. The site-specific groundwater/soil vapor correlation for tetrachloroethene and trichloroethene concentrations varies over several order of magnitude for the different boreholes; hence, establishing a uniform site-specific attenuation factor is not recommended.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/20/2019
Comments: The purpose of the Soil Vapor and Groundwater Sampling Work Plan (Work Plan) is to define the lateral extent of the elevated soil vapor that was detected in 2015 in the Cedar Avenue vicinity and to investigate groundwater contamination in the same area. The Work Plan presents the site background, scope of work, data evaluation and reporting, and anticipated schedule.

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Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/13/2019
Comments: Field activities consisted of installation of three temporary soil vapor probes and soil vapor sampling 48-hours after installation.

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 03/13/2002
Comments: Notice of exemption for San Leandro Boulevard RAW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 05/29/1992
Comments: Issued Imminent and Substantial Endangerment Determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/16/2018
Comments: Contract 17-T4438 authorizes activities required to perform a volatile organic carbon source delineation investigation in the Residential Area of the DWA Plume in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/23/2018
Comments: Fully-executed contract dated 3/23/2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 04/16/2020
Comments: Disallowance decision letter provides DTSC s Contract Manager reasons regarding the September 6, 2019 dispute concerning Contract 17-T4438 Work Order 1 Invoice 207595 disallowance in accordance with Section 12 of Exhibit D of the Contract 17-T4438.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/14/2019
Comments: No exposure symptoms noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 10/16/2019
Comments: Orphan Memo approved, signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management

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Completed Date: 06/30/2021
Comments: Activity completed on June 30, 2021.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2019
Comments: All work under Contract No. 17-T4438 for the San Leandro - DWA Plume site is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 03/14/2022
Comments: Consent for Access to Property allows permission from property owner to DTSC and or its contractor to sample private well located at the limits of the property. The property's address and property owners' name are confidential. Copy of Consent for Access to Property available to the public has been redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2022
Comments: Activity created to capture project management labor hours during FY 21/22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2020
Comments: Contract 20-T481 with RMD. Contract scope of work consists of technical consultative services to provide deliverable necessary to perform additional remedial investigations at the DWA Plume site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/09/2020
Comments: DTSC proposes a settlement with Apex Companies, LLC (Apex) regarding Contract 17-T4438 Work Order 1 - Invoice 207595 Disallowance Decision. DTSC proposes to pay Apex $3,298.75, which corresponds to half of the disallowed amount if Apex and DTSC sign a Settlement Agreement and Release of Claims.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/01/2022
Comments: The Department of Toxic Substances Control will conduct a regional groundwater quality assessment of DWA Plume in 2022. Private well

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located in San Leandro, California (Property) was selected to be part of groundwater monitoring (MW) network that will be investigated during the 2022 DWA Plume regional groundwater quality assessment. The property's address and property owners' name are confidential Correspondence sent to Property owner requiring consent to access to private well. Due to confidentially, Property owner information redacted on correspondence version available to the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/04/2022
Comments: Contract 21-T5003 (Contract) with RMD. Contract scope of work consists of environmental data management and visualization, regional groundwater monitoring, and vapor intrusion preferential pathway evaluation in the DWA Plume Residential East Area

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/16/2023
Comments: The Regional Groundwater Monitoring Report (Report) for the DWA Plume documents pre-field activities, groundwater monitoring activities, findings, quality assurance protocols, and a discussion of investigation results. The regional groundwater sampling activities were consistent with the 2022 DWA Plume Supplemental Site Characterization Work Plan which details the investigative scope of work in the DWA Plume area, including a regional groundwater monitoring event with compound specific isotope analysis (CSIA) and microbial analysis performed at select wells.

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/22/2006
Comments: DTSC prepared HRC Injection Work Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/16/2023
Comments: Supplemental Site Characterization Work Plan Addendum (Addendum) describes modifications to the 2022 Supplemental Site Characterization Work Plan (Work Plan). Addendum modifications to the Work Plan are based on the October 2022 DWA Plume regional groundwater monitoring results, including compound-specific isotope analyses (CSIA) and microbial analysis performed at select wells within the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/13/1989
Comments: The Investigations indicate the presence of volatile organic compounds in shallow groundwater beneath the vicinity of the 750 139th Avenue Site. Groundwater in the intermediate-depth zone was impacted at one location. Several metals (barium, cadmium, chromium,

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and lead) were also present at levels drinking water standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/01/1991
Comments: The fact sheet provides information about well water testing in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/20/2006
Comments: VOCS are still present in the San Leandro Residential area at concentrations comparable to the historical data.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/20/1993
Comments: Upper groundwater is contaminated with chlorinated volatile organic compounds at a number of locations throughout the study area. The data show that the contaminated groundwater has migrated and is continuing to migrate off-site areas to the west/southwest.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/20/1995
Comments: Seven monitoring wells were installed in the residential area. Soil volatile organic compound (VOC)concentrations were below regulatory levels. VOCs were detected in groundwater. Soil gas and ambient air sample had some detections of VOCs and these data will be used in the risk assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/29/1995
Comments: Groundwater sampling was conducted at 41 locations in the industrial area of San Leandro. Trichloroethylene, tetrachloroethylene and cis-1,2-dichloroethylene were detected.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 01/10/2007
Comments: DTSC prepared an amendment to the HRC injection Workplan for BDI bacteria injection.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2007
Comments: Fieldwork completed.

Completed Area Name: San Leandro Toe of the Plume

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Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/05/2004
Comments:	Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	04/01/1997
Comments:	All estimated cancer and non-cancer risks for human receptors were within acceptable risk range. This risk estimate assumes that the shallow groundwater will not be used for domestic purposes.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	09/06/2006
Comments:	This site (2700 Merced Street) is located within the DWA Plume and volatile organic compounds (VOCs) above drinking water standards has been detected in groundwater.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	07/23/1993
Comments:	Cone Penetrometer Testing, Hydropunch Groundwater Sampling, and Coordinated Monitoring Well Sampling results are presented in this report. Evaluation of this data is included in the Remedial investigation report.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	11/17/1987
Comments:	A plume of volatile organics exists in the shallow groundwater beneath 750 139th Avenue. The source of contamination is unknown and probably is not located at 750 139th Avenue.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	07/16/2007
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 27, 2007. PDBs were retrieved after equilibration on July 28, 2007 from monitoring wells within the DWA Plume Residential and Toe of the Plume areas.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	07/16/2007
Comments:	Results of the post BDI injection ground water sampling event indicate that PCE concentrations in most wells are still fluctuating within the historical ranges. However, R-1 and MW-R51, showed significant decreases of PCE concentrations after the HRC/BDI injections and significant increases in cis-1,2-DCE concentrations.

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Increase in cis-1,2 DCE concentrations, whcih is a daughter product of dechlorination of PCE, indicates active ongoing dechlorination in wells R1 and MW-R51, which can be directly related to the injection of HRC and BDI.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/29/1993
Comments: The Investigations indicate the presence of volatile organic compounds in shallow groundwater, primarily trichloroethene (TCE) and tetrachloethene (PCE). Shallow groundwater plume was more than a mile wide and two miles long. The plume is commingled plume with multiple source areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/01/1988
Comments: The fact sheet describes activities associated with Phase II remedial investigations at 750 139th Avenue and 1465 Factor Avenue Sites.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/19/2003
Comments: Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/13/1989
Comments: The purpose of this investigation was to evaluate the regional hydrogeologic conditions in the San Leandro area so that data collected at the 1465 Factor Avenue and 750 139th Avenue Sites can be evaluated within a larger hydrogeologic context.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 09/15/2006
Comments: Completion report approved which documents the activities relating to the injection of Hydrogen Releasing Compound.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/16/2007
Comments: Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 4 and 6, 2007. PDBs were retrieved after equilibration on April 27, 2007 from monitoring wells within the DWA Plume Residential Area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

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Completed Date:	10/17/2007
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on July 18, 2007. PDBs were retrieved after equilibration on October 17, 2007 from monitoring wells within the DWA Plume Residential Area.
Completed Area Name:	San Leandro Boulevard Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Notice
Completed Date:	01/31/2002
Comments:	Public Notice for Draft RAW for Soils
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	05/11/2004
Comments:	Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	01/15/2008
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on October 17, 2007. PDBs were retrieved after equilibration on January 17, 2008 from monitoring wells within the DWA Plume Residential and Toe of the Plume areas.
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/16/2007
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on April 4 and 6, 2007. PDBs were retrieved after equilibration on April 27, 2007 from monitoring wells within the DWA Plume Toe of the Plume area
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/17/2007
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on July 18, 2007. PDBs were retrieved after equilibration on October 17, 2007 from monitoring wells within the DWA Plume Toe of the Plume area.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	09/26/2007
Comments:	Results of the post BDI injection ground water sampling event indicate that PCE concentrations in most wells are still fluctuating within the historical ranges. However, R-1 and MW-R51, showed significant decreases of PCE concentrations after the HRC/BDI injections and significant increases in cis-1,2-DCE concentrations.
Completed Area Name:	San Leandro Residential Area

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Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/17/2007
Comments: Results appear to be consistent with previous results showing significant decreases in parent compounds and increases in daughter products.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2008
Comments: Results appear to be consistent with previous results showing significant decreases in parent compounds and increases in daughter products.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 09/11/2014
Comments: Groundwater monitoring workplan outlines activities to further characterize the VOC-impacted DWA Plume

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/13/2007
Comments: Amend the existing workplan to add monitoring of 10 wells in the residential area and 4 wells in the toe of the Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/27/2012
Comments: Groundwater monitoring was conducted in the DWA plume and overall VOC concentrations are in a decreasing trend, except for PCE in the residential area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/08/2014
Comments: Remedial Investigation Report summarizes previous environmental and hydrogeologic investigations, removal action workplans, or remedial action plans, treatability studies and provide recommendations for next steps and future work.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/07/2016
Comments: Workplan to conduct indoor air sampling in 20 homes in the Cedar Avenue area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/28/2018

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Comments:	Resampling fieldwork completed on 2/28/2018.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/22/2023
Comments:	Fieldwork activities conducted according to the DTSC approved Supplemental Site Characterization Work Plan. Fieldwork activities completed on September 22, 2023.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date:	12/11/2019
Comments:	According to the information provided, the current building structure was constructed in the late 1970 s and it has been used for food processing by Saag s since that time. There were no historical records or other indications of the storage or use of significant quantities of hazardous materials at the Property. Groundwater monitoring event conducted as part of the Phase II investigation shows that volatile organic chemicals (VOCs)-impacted groundwater migrating onto the Property derive from upgradient source areas of the DWA Plume (regional VOC-impacted groundwater plume), consistent with the historical groundwater data.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	12/07/2021
Comments:	Current Conditions Report (CCR) reviews the DWA Plume site background information and current conditions to identify data gaps in anticipation of preparation of a Supplemental Investigation Work Plan and subsequent Site-Wide Remedial Action Plan.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	03/03/2022
Comments:	Supplemental Site Characterization Work Plan outlines activities within the DWA Plume site area (Site) to address data gaps identified in the December 3, 2021, Current Conditions Report in preparation for a Site-Wide Remedial Action Plan for the Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/07/2023
Comments:	Work Notice distributed to local community about a supplemental site characterization that will be conducted in the central portion of the City of San Leandro, California. Work Notice distributed to 6,549 USPS mailing addresses.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date:	06/19/2014
Comments:	CFA signed 2014

DWA PLUME (Continued) **S101272669**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/08/2014
Comments: Contract 14-T3907 authorizes activities required for potential responsible party search in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/08/2014
Comments: Contract Fiscal Approval (CFA) 14-126 for Contract 14-T3907 which authorizes potential responsible party search in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/07/2015
Comments: Amendment 2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/04/2015
Comments: Work order to add additional soil gas and groundwater samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/12/2014
Comments: work order amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/24/2015
Comments: Contract for in-situ bioremediation in residential area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2015
Comments: extension of contract to December 31, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/20/2015
Comments: Contract Fiscal Approval (CFA) 14-292 for Contract 14-T3968 which authorizes activities required to conduct an in-situ bioremediation

DWA PLUME (Continued) **S101272669**

pilot study in the Residential Area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/15/2015
Comments: Contract 14-T3907 authorizes activities for conducting a responsible party search at the residential area of the DWA Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 08/10/2023
Comments: Request for information and documents submitted to the Respondents of the property located at 14333 Wicks Boulevard, San Leandro, California, 94577, Alameda County Assessorn++s Parcel Number (APN) 77B-851-6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/23/2018
Comments: Fully-executed Contract 17-T4437 between the Department of Toxic Substances Control and the Engineering/Remediation Resources Group, Inc. The Contract scope of work consists of preparing and implementing a workplan for in situ bioremediation by groundwater injection and performing pre- and post-injection groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2024
Comments: Supplemental Site Characterization Non-Hazardous Waste Manifest of well purging/decon water.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/20/2018
Comments: DTSC issued Work Order No. 1 under Contract 17-T4438 to Apex Companies, Inc. The activities to be performed under the Work Order are for the purpose of better defining the lateral extent of groundwater and soil gas plumes encroaching on the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 11/20/1987
Comments: Evaluation of the soil gas investigation results indicates one and possibly two areas of volatile organic compounds and total hydrocarbon soil gas contamination near 750 139th Avenue.

Completed Area Name: San Leandro Toe of the Plume
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report

DWA PLUME (Continued) **S101272669**

Completed Date:	06/11/2003
Comments:	Four Monitoring wells were installed in the toe of the DWA Plume area and 3 of the wells have volatile organic compounds exceeding drinking water standards.
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	02/11/2004
Comments:	Groundwater sampling of 4 wells indicate 3 of the wells have volatile organic compounds exceeding drinking water standards.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	08/04/2005
Comments:	Workplan to conduct soil gas investigation at the residential area accepted.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/09/2006
Comments:	Volatile organic compounds are present in the residential area and are comparable to 2003 results.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/22/2014
Comments:	Site visit during soil vapor probe installation and soil vapor sampling.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	05/30/2006
Comments:	Passive diffusion bag (PDB) sampler installed into the monitoring wells on May 4, 2006. PDBs were retrieved after equilibration on May 22, 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	02/28/1995
Comments:	Public Participation Plan for the San Leandro Plume approved.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	03/09/2006
Comments:	Soil gas investigation found elevated tetrachloroethene(PCE) soil gas concentrations in the vicinity of Monterey Boulevard which appear to correlate with high PCE concentrations in groundwater. The report recommends addition soil gas investigation and possible treatment of groundwater to reduce concentrations.

DWA PLUME (Continued) **S101272669**

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/27/2006
Comments: Groundwater Sampling completed.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/19/2006
Comments: DTSC prepared HRC injection workplan to inject HRC and HRC-X at 2 locations in San Leandro Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/29/1995
Comments: Hydrogeology of Central San Leandro Remedial Investigation of the Regional Groundwater Contamination, San Leandro Plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/20/2004
Comments: Pilot Study was completed using HRC and DHE bacteria to treat groundwater at 2 locations in the DWA plume. One location was in the high PCE area in the residential area and the other location was near Aladdin Street near U.S. Can Site.

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/31/2002
Comments: Fact Sheet for Draft RAW for soils

Completed Area Name: San Leandro Boulevard Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/20/2004
Comments: Pilot Study was completed at 2 locations in San Leandro Boulevard area using HRC and DHE bacteria. One location was in the Cherry Street and the other location was in the Hudson SIte.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/25/2003
Comments: Tetrachloroethene (PCE) concentrations are 1 to 2 orders of magnitude less downgradient of the high PCE concentration area.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/28/1995
Comments: Groundwater sampling was conducted at 34 locations in the residential area of San Leandro. Trichloroethylene, tetrachloroethylene and cis-1,2-dichloroethylene were detected.

DWA PLUME (Continued) **S101272669**

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/31/2006
Comments: BDI Injection was completed.

Completed Area Name: Century Plating Area
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 10/11/2006
Comments: Completion report approved which documents the activities relating to the injection of Hydrogen Releasing Compound and BDI bacteria.

Completed Area Name: San Leandro Residential Area
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2006
Comments: HRC Injection completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/13/2014
Comments: Work notice to inform the local community about soil gas sampling in the DWA Plume area located between Washington Avenue, Floresta Boulevard, Marina Boulevard and the San Francisco Bay in San Leandro, CA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/18/2014
Comments: CFA signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/21/2014
Comments: Contract 13-T3787 WO1 authorizes activities for groundwater and soil gas investigation at the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/19/2014
Comments: Contract 13-T3787 WO 1 for groundwater and soil gas monitoring in the DWA Plume Residential Area.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2013
Comments: DTSC oversight cost estimate for fiscal year 2013/2014

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum

DWA PLUME (Continued) **S101272669**

Completed Date:	01/10/2019
Comments:	The memorandum documents the potentially-responsible parties (PRPs) identified for the DWA Plume. Of the 14 sites and study areas within the footprint of the regional groundwater plume, DTSC identified PRPs for four sites: Singer Friden, Century Plating, Cintas Corporation, and Hudson I.C.S. DTSC recovered $6.5 million for past and future costs related to the Singer Friden site. The data suggest that the contaminants at three sites do not impact the regional groundwater plume. If additional sources for the regional groundwater plume are identified in the future, it may be appropriate to pursue cost recovery from additional PRPs. At this time, however, there are no additional PRPs to pursue.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/12/2013
Comments:	Phase 1 ESA, Phase One Inc., January 2013 and Phase 2, Groundwater Investigation, Phase One Inc., March 2013 review revealed no evidence of a release at this site. Groundwater contamination underneath property is related to the DWA Plume.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	05/16/2014
Comments:	Contract for groundwater and soil gas investigations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	06/23/2017
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	07/25/2014
Comments:	Various letters requesting access to sample private wells.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date:	02/20/2015
Comments:	Time extension CFA
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	11/01/2017
Comments:	Letters to residents of the Cedar Avenue area in the DWA Plume requesting consent to access property to collect indoor air samples.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	04/11/2006

DWA PLUME (Continued) **S101272669**

Comments:	volatile organic compounds (VOCS) are still present in the DWA Plume Residential area at concentrations comparable to the historical data.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/09/2006
Comments:	VOCS are still present in the San Leandro Residential area at concentrations comparable to the historical data.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	11/10/2005
Comments:	Groundwater sampling completed.
Completed Area Name:	San Leandro Toe of the Plume
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	08/30/2001
Comments:	25 cone penetrometer tests were conducted in the toe of the plume. Tetrachloroethene and trichloroethene were detected.
Completed Area Name:	San Leandro Boulevard Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	03/13/2002
Comments:	Approved RAW for the contamination located next to 2481 San Leandro Boulevard which requires the excavation and offsite disposal of soil contaminated with TCE and PCE.
Completed Area Name:	San Leandro Boulevard Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	11/12/2002
Comments:	Completed RA. Between August 1 and August 26, 2002, DTSC's contractor conducted a removal action using state funds at the San Leandro Source Area. Approximately 500 cubic yards of soil contaminated with volatile organic compounds (VOCs) primarily trichloroethene (TCE) and tetrachloethene (PCE) was excavated from the following locations: 1) the 1600 square foot area adjacent to San Leandro Boulevard (to a depth of 7 feet), and 2) the 100 square foot area extending into San Leandro Boulevard (to a depth of 15 feet).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/07/2015
Comments:	Work notice for additional soil gas sampling in three areas of the DWA plume
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	10/21/2011
Comments:	Workplan for groundwater sampling approved.

DWA PLUME (Continued) **S101272669**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	07/23/2015
Comments:	Workplan addresses follow up sampling of soil gas and groundwater based on previous investigation results.
Completed Area Name:	San Leandro Residential Area
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	10/14/2014
Comments:	Soil Vapor Sampling Work Plan (Work Plan) for the DWA Plume located within the DWA Plume Study Area in San Leandro, California. The purpose of this Work Plan is to further characterize soil vapor conditions in the DWA Plume through sampling and laboratory analysis of select volatile organic compounds (VOCs).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	11/20/2015
Comments:	Report documents supplemental soil gas sampling conducted during 2015. One new hot spot area identified and recommended for indoor air sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	09/07/2022
Comments:	Correspondence/Work Notice sent to private and public well owners. Confidential information (e.g., residence address, homeowner name, etc.) redacted. DTSC anticipates minimal disruption to local community during groundwater sampling of wells located at public-right-of-way areas. Groundwater sampling activities will extend to about two (2) hours or less and, at a maximum, two (2) public parking areas will be required during sampling activities.
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Remedial Action Plan
Future Due Date:	2026
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Five-Year Review Reports
Future Due Date:	2026
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Site Characterization Report
Schedule Due Date:	06/13/2024
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation / Feasibility Study
Schedule Due Date:	04/30/2025
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported

DWA PLUME (Continued) **S101272669**

Schedule Document Type: Remedial Action Completion Report
Schedule Due Date: 08/07/2024
Schedule Revised Date: 10/10/2030

Calsite:
Name: DWA PLUME
Address: SAN LEANDRO (GROUNDWATER CONTAMINATION)
City: SAN LEANDRO
Region: BERKELEY
Facility ID: 01990002
Facility Type: STATE
Type: STATE FUNDED SITE
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 12311999
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Uncontrolled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: JRANDENI
Supervisor Responsible for Site: Not reported
Region Water Control Board: SF
Region Water Control Board Name: SAN FRANCISCO BAY
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 18
State Senate District Code: 10
Facility ID: 01990002
Activity: PRP
Activity Name: POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code: BASE
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 01201993
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported

DWA PLUME (Continued) **S101272669**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	STREE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11122002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	500
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	ORC WAS INJECTED AT THE GROUNDWATER INTERFACE TO CHEMICALLY REDUCETHE VOCS FOUND. ONGOING MONITORING WILL OCCUR UNDER A IN-SITU GWPILOT STUDY BEING CONDUCTED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	STREE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03132002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY

DWA PLUME (Continued) **S101272669**

AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07012005
Revised Due Date:	07012006
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	12012006
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302006
Revised Due Date:	06302007
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP

DWA PLUME (Continued) **S101272669**

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312007
Revised Due Date:	12312007
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312008
Revised Due Date:	12312008
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

DWA PLUME (Continued) **S101272669**

For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03132002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01990002
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05291992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	SAN LEANDRO (GROUNDWATER CONTAMINATION)
Alternate City,St,Zip:	SAN LEANDRO, CA 94578
Alternate Address:	750 139TH AVENUE
Alternate City,St,Zip:	SAN LEANDRO, CA 94578
Alternate Address:	1465 FACTOR AVENUE
Alternate City,St,Zip:	SAN LEANDRO, CA 94577

DWA PLUME (Continued) **S101272669**

Background Info:	DTSC was conducting six site specific investigations in San Leandro. Investigations at these sites indicated that a regional shallow groundwater contamination exist. A Public Health Advisory was issued, advising residents not to use private wells for domestic purposes unless tested regularly. Contaminants of primary concern are trichloroethylene(TCE), perchloroethylene(PCE), dichloroethylene and related compounds. They as well as metals and nitrate have all been found above the state drinking water standards. Domestic water is supplied by East Bay Municipal Utility District. However, up to 2000 private wells may exist in San Leandro. In 1993 and 1995 DTSC conducted a series of investigations and determined the extent of the plume to be 1 mile wide and 2 miles long. DTSC is conducting a number of in-situ pilot studies to evaluate techniques to treat the underlying groundwater. groundwater. For site specific information see 1465 Factor Avenue, Hudson I.C.S., 750 139th Avenue Site, Singer Friden, Staefa, U.S. Can Company, Former Transcon Lines Site, Simmons Site, Dana Corporation Site, Cintas Corporation Site and Century Plating.
Comments Date:	01201993
Comments:	Interim Groundwater Contamination Report for Central San
Comments Date:	01201993
Comments:	Leandro.
Comments Date:	01201995
Comments:	Data Report: Remedial Investigation of Soil Contamination,
Comments Date:	01201995
Comments:	Century Plating Site (3 Volumes).
Comments Date:	03132002
Comments:	Approved RAW for the contamination located next to 2481 San
Comments Date:	03132002
Comments:	Leandro Boulevard which requires the excavation and offsite
Comments Date:	03132002
Comments:	disposal of soil contaminated with TCE and PCE.
Comments Date:	05291992
Comments:	Issued Imminent and Substantial Endangerment Determination.
Comments Date:	07231993
Comments:	Data Report, Remedial Investigation of Regional Groundwater
Comments Date:	07231993
Comments:	Contamination.
Comments Date:	11122002
Comments:	Completed RA. Between August 1 and August 26, 2002, DTSC's
Comments Date:	11122002
Comments:	contractor conducted a removal action using state funds at the
Comments Date:	11122002
Comments:	San Leandro Source Area. Approximately 500 cubic yards of soil
Comments Date:	11122002
Comments:	contaminated with volatile organic compounds (VOCs) primarily
Comments Date:	11122002
Comments:	trichloroethene (TCE) and tetrachloethene (PCE) was excavated
Comments Date:	11122002
Comments:	from the following locations: 1) the 1600 square foot area
Comments Date:	11122002
Comments:	adjacent to San Leandro Boulevard (to a depth of 7 feet), and 2)
Comments Date:	11122002
Comments:	the 100 square foot area extending into San Leandro Boulevard
Comments Date:	11122002
Comments:	(to a depth of 15 feet).

DWA PLUME (Continued) **S101272669**

Comments Date:	12291993
Comments:	Hydrogeology of Central San Leandro Remedial Investigation
Comments Date:	12291993
Comments:	of the Regional Groundwater Contamination, San Leandro
Comments Date:	12291993
Comments:	Plume.
ID Name:	CALSTARS CODE
ID Value:	200327
Alternate Name:	SAN LEANDRO REGIONAL PLUME
Alternate Name:	SINGER-FRIDEN (OFF-SITE)
Alternate Name:	750 139TH SITE (OFF-SITE)
Alternate Name:	1465 FACTOR AVENUE SITE (OFF-SITE)
Alternate Name:	DWA PLUME
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

CORTESE:

Name:	DWA PLUME
Address:	SAN LEANDRO (GROUNDWATER CONTAMINATION)
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	12/31/1999
Site Code:	200327, 208001
Latitude:	37.705851
Longitude:	-122.15300
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
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:	Haz Waste & Substances Sites

159
NNE
1/2-1
0.571 mi.
3016 ft.

STAEFA CONTROL SYSTEM INC
2481 SAN LEANDRO BOULEVARD
SAN LEANDRO, CA 94577

ENVIROSTOR
VCP
HWTS
HAZNET

S112856670
N/A

Relative:
Higher

Actual:
51 ft.

ENVIROSTOR:

Name:	STAEFA CONTROL SYSTEM INC
Address:	2481 SAN LEANDRO BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01380001
Status:	No Further Action
Status Date:	07/12/2001
Site Code:	200648

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	1.4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.71311
Longitude:	-122.1495
APN:	075-0084-014-05, 75-84-14-5
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY
Potential COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Potential Description:	OTH, SOIL
Alias Name:	NINYO & MOORE
Alias Type:	Alternate Name
Alias Name:	SINGER FRIDEN
Alias Type:	Alternate Name
Alias Name:	STAEFA CONTROL SYSTEM
Alias Type:	Alternate Name
Alias Name:	UNIVERSAL PNEUMATIC CONTROL
Alias Type:	Alternate Name
Alias Name:	075-0084-014-05
Alias Type:	APN
Alias Name:	75-84-14-5
Alias Type:	APN
Alias Name:	110033617842
Alias Type:	EPA (FRS #)
Alias Name:	200648
Alias Type:	Project Code (Site Code)
Alias Name:	01380001
Alias Type:	Envirostor ID Number
Alias Name:	01990002
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:	06/12/1998
Comments:	Entered into a new VCA with new property owner, Ninyo & Moore. VCA is for review of investigation report prepared as part of property transfer evaluation.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	03/28/1996

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

Comments: DTSC and Staefa entered into an Agreement to investigate soil contamination at the site. Based on the results of the investigation, a determination will be made regarding the site's contribution to the Regional groundwater plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/12/1988
Comments: Site was brought to DTSC when STAEFA discovered soil and groundwater contamination on property while attempting to sell property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/30/1997
Comments: Consultative services under the VCA completed. DTSC believes additional work is required at the site based on the data presented in the investigation report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 11/18/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 07/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/18/1998
Comments: DTSC and Ninyo & Moore signed an amendment to the VCA which allows work to continue under Chapter 6.5 of the Health and Safety Code.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/03/1988
Comments: The report concludes that there is no evidence of significant historic chemical usage or storage at the Site and chemicals detected on site in soils and groundwater originated off the Site and do not appear to be related to Staefa activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/12/2001
Comments: Based on the results of the Groundwater Monitoring Report dated 3/01/01, DTSC determined that groundwater monitoring at the site would no longer be necessary.

Completed Area Name: PROJECT WIDE

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/01/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	06/07/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/19/1999
Comments:	Highest PCE in soil was detected at 2.2 mg/kg at 4' bgs and higest TCE also was detected at 0.41 mg/kg at 6' bgs at the same location near the San Leandro Blvd. Three moniroing wells were also sampled.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	12/19/1996
Comments:	21 parts per million of tetrachloro ethene was found 10 feet below the ground suface in the city right of way next to the property. Concentrations of PCE onsite in the top 3 feet of soil near this area are up to 1.3 ppm. Groundwater concentrations of PCE are also elevated near this sampling location. Also, in a different area of the site, a downgradient monitoring well had significantly higher concentrations than the upgradient hydropunch samples.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/03/2000
Comments:	Based on sampling data, DTSC issued a letter requiring no further action for soils at the Site since the soil contamination appears to be not related ot the site. DTSC will conduct a soil removal under the DWA Plume project. Semiannual groundwater monitoring will continue.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	10/31/1988
Comments:	Further investigation recommended for groundwater.
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

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

VCP:

Name:	STAEFA CONTROL SYSTEM INC
Address:	2481 SAN LEANDRO BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01380001
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.4
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	200648
Assembly:	20
Senate:	09
Special Programs Code:	Not reported
Status:	No Further Action
Status Date:	07/12/2001
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.71311 / -122.1495
APN:	075-0084-014-05, 75-84-14-5
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY
Potential COC:	30022, 30027, 30195
Confirmed COC:	30022,30027,30195
Potential Description:	OTH, SOIL
Alias Name:	NINYO & MOORE
Alias Type:	Alternate Name
Alias Name:	SINGER FRIDEN
Alias Type:	Alternate Name
Alias Name:	STAEFA CONTROL SYSTEM
Alias Type:	Alternate Name
Alias Name:	UNIVERSAL PNEUMATIC CONTROL
Alias Type:	Alternate Name
Alias Name:	075-0084-014-05
Alias Type:	APN
Alias Name:	75-84-14-5
Alias Type:	APN
Alias Name:	110033617842
Alias Type:	EPA (FRS #)
Alias Name:	200648
Alias Type:	Project Code (Site Code)
Alias Name:	01380001
Alias Type:	Envirostor ID Number
Alias Name:	01990002
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:	06/12/1998
Comments:	Entered into a new VCA with new property owner, Ninyo & Moore. VCA is

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

for review of investigation report prepared as part of property transfer evaluation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 03/28/1996
Comments: DTSC and Staefa entered into an Agreement to investigate soil contamination at the site. Based on the results of the investigation, a determination will be made regarding the site's contribution to the Regional groundwater plume.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/12/1988
Comments: Site was brought to DTSC when STAEFA discovered soil and groundwater contamination on property while attempting to sell property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 06/30/1997
Comments: Consultative services under the VCA completed. DTSC believes additional work is required at the site based on the data presented in the investigation report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Consultation
Completed Date: 11/18/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Voluntary Cleanup Agreement Completion
Completed Date: 07/12/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 12/18/1998
Comments: DTSC and Ninyo & Moore signed an amendment to the VCA which allows work to continue under Chapter 6.5 of the Health and Safety Code.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/03/1988
Comments: The report concludes that there is no evidence of significant historic chemical usage or storage at the Site and chemicals detected on site in soils and groundwater originated off the Site and do not appear to be related to Staefa activities at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

Completed Document Type: Other Report
Completed Date: 07/12/2001
Comments: Based on the results of the Groundwater Monitoring Report dated 3/01/01, DTSC determined that groundwater monitoring at the site would no longer be necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/07/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/19/1999
Comments: Highest PCE in soil was detected at 2.2 mg/kg at 4' bgs and higest TCE also was detected at 0.41 mg/kg at 6' bgs at the same location near the San Leandro Blvd. Three moniroing wells were also sampled.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 12/19/1996
Comments: 21 parts per million of tetrachloro ethene was found 10 feet below the ground suface in the city right of way next to the property. Concentrations of PCE onsite in the top 3 feet of soil near this area are up to 1.3 ppm. Groundwater concentrations of PCE are also elevated near this sampling location. Also, in a different area of the site, a downgradient monitoring well had significantly higher concentrations than the upgradient hydropunch samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/03/2000
Comments: Based on sampling data, DTSC issued a letter requiring no further action for soils at the Site since the soil contamination appears to be not related ot the site. DTSC will conduct a soil removal under the DWA Plume project. Semiannual groundwater monitoring will continue.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/31/1988
Comments: Further investigation recommended for groundwater.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

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

HWTS:
Name: STAEFA CO
Address: 2481 SAN LEANDRO BLVD
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAC000962528
Inactive Date: 10/25/2000
Create Date: 08/23/1994
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 1812
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770000
Owner Name: STAEFA CO
Owner Address: PO BOX 1812
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945770000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: W. GAULT/PRINCIPAL
Contact Address: PO BOX 1812
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 37.713401
Longitude: -122.149171

HAZNET:
Name: STAEFA CO
Address: 2481 SAN LEANDRO BLVD
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact: W. GAULT/PRINCIPAL
Telephone: 5105823127
Mailing Name: Not reported
Mailing Address: PO BOX 1812

Year: 1994
Gepaid: CAC000962528
TSD EPA ID: CAD981388952
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.8428

STAEFA CONTROL SYSTEM INC (Continued) **S112856670**

Additional Information:

Year:	1994
Gen EPA ID:	CAC000962528
Shipment Date:	19940927
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940928
Manifest ID:	92289924
Trans EPA ID:	CAD981634892
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981388952
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
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

AG160 **WASTE OIL RECOVERY SYSTEMS INC** **ENVIROSTOR** **S112901611**
NNE **2411 WASHINGTON AVE** **HWTS** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **HAZNET**
0.619 mi.
3266 ft. **Site 1 of 2 in cluster AG**

Relative:
Higher

Actual:
53 ft.

ENVIROSTOR:

Name:	INTERCOASTAL PAINT COMPANY
Address:	2411 WASHINGTON AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01750031
Status:	No Further Action
Status Date:	06/29/2006
Site Code:	201097
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

Latitude: 37.71386
Longitude: -122.1497
APN: 75-84-19-4
Past Use: PAINT/DEPAINT FACILITY
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SOIL
Alias Name: INTERCOASTAL PAINT COMPLANY
Alias Type: Alternate Name
Alias Name: 75-84-19-4
Alias Type: APN
Alias Name: 201097
Alias Type: Project Code (Site Code)
Alias Name: 01750031
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/06/1997
Comments: Solvents were released during a large fire.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/29/2006
Comments: Although the fire and explosion in 1962 could have released VOCs at the Site, review of limited data available does not confirm a significant release. Since down-gradient VOC concentrations appear to be decreasing according to the Hudson data, it is likely that there is no VOC source currently at the IPC Site. Therefore, no further action is recommended for this Site.

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

HWTS:
Name: WASTE OIL RECOVERY SYSTEMS INC
Address: 2411 WASHINGTON AVE
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAC002182210
Inactive Date: 04/28/2010
Create Date: 10/29/2009
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 6401 LEONA ST

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

Mailing Address 2:	Not reported
Mailing City,State,Zip:	OAKLAND, CA 946051217
Owner Name:	WASTE OIL RECOVERY SYSTEMS INC
Owner Address:	6401 LEONA ST
Owner Address 2:	Not reported
Owner City,State,Zip:	OAKLAND, CA 946051217
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	TINA FALCON
Contact Address:	6401 LEONA ST
Contact Address 2:	Not reported
City,State,Zip:	OAKLAND, CA 946051217
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	37.714228
Longitude:	-122.14937

HAZNET:

Name:	WASTE OIL RECOVERY SYSTEMS INC
Address:	2411 WASHINGTON AVE
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 945775920
Contact:	TINA FALCON
Telephone:	5107770750
Mailing Name:	Not reported
Mailing Address:	6401 LEONA ST
Year:	2009
Gepaid:	CAC002182210
TSD EPA ID:	CAD028409019
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:	0.45
Year:	2009
Gepaid:	CAC002182210
TSD EPA ID:	CAD028409019
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:	0.099
Year:	2009
Gepaid:	CAC002182210
TSD EPA ID:	CAD028409019
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.09751
Year:	2009
Gepaid:	CAC002182210
TSD EPA ID:	CAD028409019

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

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:	0.38775

Additional Information:

Year:	2009
Gen EPA ID:	CAC002182210
Shipment Date:	20091104
Creation Date:	2/3/2010 18:30:08
Receipt Date:	20091112
Manifest ID:	000765137GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	125
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:	20091104
Creation Date:	2/3/2010 18:30:08
Receipt Date:	20091112
Manifest ID:	000765137GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND 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:	D001
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

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091104
Creation Date:	2/3/2010 18:30:08
Receipt Date:	20091112
Manifest ID:	000765137GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
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:	0.31275
Waste Quantity:	75
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:	20091104
Creation Date:	2/3/2010 18:30:08
Receipt Date:	20091112
Manifest ID:	000765137GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
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:	0.075
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:	20091104
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091112
Manifest ID:	000765139GBF

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
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:	0.099
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:	20091104
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091112
Manifest ID:	000765138GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND 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:	Not reported
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091104
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091112
Manifest ID:	000765138GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

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:	0.00417
Waste Quantity:	1
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:	20091104
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091112
Manifest ID:	000765138GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND 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:	0.00834
Waste Quantity:	2
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:	20091104
Creation Date:	1/11/2010 18:30:22
Receipt Date:	20091112
Manifest ID:	000765138GBF
Trans EPA ID:	CAD000626515
Trans Name:	WASTE OIL RECOVERY SYSTEMS INC
Trans 2 EPA ID:	CAR000172478
Trans 2 Name:	ENVIRONMENTAL LOGISTICS INC
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND 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:	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

WASTE OIL RECOVERY SYSTEMS INC (Continued) **S112901611**

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

161
NE
1/2-1
0.621 mi.
3277 ft.

CENTURY PLATING COMPANY INC
1124 139TH AVENUE
SAN LEANDRO, CA 94578

RESPONSE **1000483604**
ENVIROSTOR **N/A**
HIST Cal-Sites
LIENS
HIST CORTESE

Relative:
Higher

Actual:
47 ft.

RESPONSE:

Name:	CENTURY PLATING COMPANY INC
Address:	1124 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Facility ID:	01340040
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.5
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, US EPA
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	200650
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20
Senate:	09
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/13/1997
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.71065
Longitude:	-122.1430
APN:	77D-1437-14-3, 77D-1437-15-1
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC :	Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description:	OTH, SOIL
Alias Name:	PADDY O'CHROME
Alias Type:	Alternate Name
Alias Name:	77D-1437-14-3
Alias Type:	APN
Alias Name:	77D-1437-15-1
Alias Type:	APN
Alias Name:	110033619458
Alias Type:	EPA (FRS #)
Alias Name:	200650
Alias Type:	Project Code (Site Code)
Alias Name:	01340040
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/30/1992
Comments:	U.S. EPA removed drums of chemicals, contaminated equipment, and debris from the building and adjoining yard. Six inches of surface soil, contaminated primarily with metals, was removed from the yard and a private well was closed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Design
Completed Date:	06/24/1996
Comments:	Approved design for excavation, vapor venting system and paving of the yard area of the site. Additional work will include installation of three soil vapor extraction wells and a carbon system for treatment of the soil vapor prior to release to the atmosphere.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	03/14/1997
Comments:	Completed removal action. Three soil vapor extraction wells were installed, the yard has been paved, 80 cubic yards of contaminated soil were excavated and disposed, and a new floor slab was installed in the building.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	02/15/1996
Comments:	Removal Action Workplan approved which requires the removal of several soil hotspots in the building by excavation, and installation of a vapor barrier floor. In the Yard area, 3-5 Soil Vapor Extraction wells was installed to lower concentrations of VOCs at depth in the soils. The yard will also be paved as part of the removal action. The extraction system is expected to operated for approximately 6 months.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/09/1995
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/01/1994
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	06/19/1995
Comments:	VOC's were detected at levels that indicated that there had been a release of hazardous substances at the site. PCE and TCE were

CENTURY PLATING COMPANY INC (Continued) **1000483604**

detected in several samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/13/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/26/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/13/1997
Comments: The site was certified as requiring no further remedial action. SVE system was removed from site and extractions wells have been closed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/15/1996
Comments: Negative Declaration approved for RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 12/29/1992
Comments: Issued I&SE Order to the 139th Avenue Sites requiring further remedial investigation and cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/01/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 09/16/1998
Comments: Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/25/1991
Comments: Administrative Order issued by US EPA to property owners to undertake and complete removal activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/19/1995
Comments: Investigation found soil, soil gas and groundwater contaminated with tetrachloroethelene (PCE).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/20/1995
Comments: RI found that soil and groundwater is contaminated with VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/30/1997
Comments: Approximately 30 lbs of volatile organic compounds (VOC) were removed by the soil vapor extraction system (SVE). Confirmation soil samples showed that VOCs were below the clean up goals. SVE was removed from the site and wells were abandoned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/26/1996
Comments: Existing concrete floor and sumps inside the building were removed. 80 cubic yards of contaminated soil were excavated and disposed off site. Installed three Soil Vapor Extraction (SVE) wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/04/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/1995
Comments: Public Participation Plan for the San Leandro Plume approved.

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

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Schedule Revised Date: Not reported

ENVIROSTOR:

Name:	CENTURY PLATING COMPANY INC
Address:	1124 139TH AVENUE
City,State,Zip:	SAN LEANDRO, CA 94578
Facility ID:	01340040
Status:	Certified
Status Date:	06/13/1997
Site Code:	200650
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP, US EPA
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.71065
Longitude:	-122.1430
APN:	77D-1437-14-3, 77D-1437-15-1
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description:	OTH, SOIL
Alias Name:	PADDY O'CHROME
Alias Type:	Alternate Name
Alias Name:	77D-1437-14-3
Alias Type:	APN
Alias Name:	77D-1437-15-1
Alias Type:	APN
Alias Name:	110033619458
Alias Type:	EPA (FRS #)
Alias Name:	200650
Alias Type:	Project Code (Site Code)
Alias Name:	01340040
Alias Type:	Envirostor ID Number
Alias Name:	01990002
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/30/1992
Comments:	U.S. EPA removed drums of chemicals, contaminated equipment, and debris from the building and adjoining yard. Six inches of surface soil, contaminated primarily with metals, was removed from the yard and a private well was closed.

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Design
Completed Date: 06/24/1996
Comments: Approved design for excavation, vapor venting system and paving of the yard area of the site. Additional work will include installation of three soil vapor extraction wells and a carbon system for treatment of the soil vapor prior to release to the atmosphere.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/14/1997
Comments: Completed removal action. Three soil vapor extraction wells were installed, the yard has been paved, 80 cubic yards of contaminated soil were excavated and disposed, and a new floor slab was installed in the building.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 02/15/1996
Comments: Removal Action Workplan approved which requires the removal of several soil hotspots in the building by excavation, and installation of a vapor barrier floor. In the Yard area, 3-5 Soil Vapor Extraction wells was installed to lower concentrations of VOCs at depth in the soils. The yard will also be paved as part of the removal action. The extraction system is expected to operated for approximately 6 months.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/09/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/01/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/19/1995
Comments: VOC's were detected at levels that indicated that there had been a release of hazardous substances at the site. PCE and TCE were detected in several samples.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/28/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Document Type: Other Report
Completed Date: 08/13/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/01/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/26/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/13/1997
Comments: The site was certified as requiring no further remedial action. SVE system was removed from site and extractions wells have been closed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 02/15/1996
Comments: Negative Declaration approved for RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 12/29/1992
Comments: Issued I&SE Order to the 139th Avenue Sites requiring further remedial investigation and cleanup.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/01/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 09/16/1998
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/25/1991
Comments: Administrative Order issued by US EPA to property owners to undertake and complete removal activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Completed Document Type: Remedial Investigation Report
Completed Date: 10/19/1995
Comments: Investigation found soil, soil gas and groundwater contaminated with tetrachloroethelene (PCE).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/20/1995
Comments: RI found that soil and groundwater is contaminated with VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/30/1997
Comments: Approximately 30 lbs of volatile organic compounds (VOC) were removed by the soil vapor extraction system (SVE). Confirmation soil samples showed that VOCs were below the clean up goals. SVE was removed from the site and wells were abandoned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/26/1996
Comments: Existing concrete floor and sumps inside the building were removed. 80 cubic yards of contaminated soil were excavated and disposed off site. Installed three Soil Vapor Extraction (SVE) wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/04/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/1995
Comments: Public Participation Plan for the San Leandro Plume approved.

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

Calsite:
Name: CENTURY PLATING COMPANY INC
Address: 1124 139TH AVENUE
City: SAN LEANDRO
Region: BERKELEY
Facility ID: 01340040
Facility Type: STATE

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Type:	STATE FUNDED SITE
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	06131997
Status:	CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name:	CERTIFIED
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
Access:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	JSOTO
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	18
State Senate District Code:	10
Facility ID:	01340040
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301986
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	WELLS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Comments Date:	08301991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	GWOFF
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06041992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISEO
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12291992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	UPDTE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02281995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02151996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SOIL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12271996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	80
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	80 CUBIC YARDS WAS EXCAVATED AND DISPOSED. 3 SOIL VAPOR EXTRACTIONWELLS WERE INSTALLED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NEGD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02151996
Est Person-Yrs to complete:	0

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06241996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340040
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06131997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	1124 139TH AVENUE
Alternate City,St,Zip:	SAN LEANDRO, CA 94578
Background Info:	shop at 1124 139th Avenue from about 1973 until October 1991. Prior to Century Plating, Inc., Paddy O'Chrome operated a plating shop at this location for approximately 8 years. At that time, Century was shut down by local authorities for noncompliance with fire and building codes and for unpermitted discharges to the sanitary sewer. Subsequently, U.S. EPA removed drums of chemicals, contaminated equipment, and debris from the building and adjoining yard. Six inches of surface soil, contaminated primarily with metals, was removed from the yard and a private well was closed. Soil under the building was contaminated with solvents and metals and was believed to be the source of groundwater contamination in the area. Groundwater samples had detected perchloroethene and trichlorethene above the drinking water standards. The plume migrating from this Site is part of the commingled plume which has been named DWA Plume. The groundwater investigation of this site will be carried out as part of the investigation of the San Leandro Plume. Please also review that profile report for further information. Century Plating Company, Inc. operated a plating and machine
Comments Date:	02151996
Comments:	RAW - SOIL - Removal Action Workplan approved which requires the
Comments Date:	02151996
Comments:	removal of several soil hotspots in the building by excavation,
Comments Date:	02151996
Comments:	and installation of a vapor barrier floor. In the Yard area,
Comments Date:	02151996
Comments:	3-5 Soil Vapor Extraction wells will be installed to lower
Comments Date:	02151996
Comments:	concentrations of VOCs at depth in the soils. The yard will
Comments Date:	02151996
Comments:	also be paved as part of the removal action. The extraction
Comments Date:	02151996
Comments:	system is expected to operated for approximately 6 months. CEQA
Comments Date:	02151996
Comments:	- NEGD - Negative Declaration approved.
Comments Date:	06131997
Comments:	CERT - The site was certified as requiring no further remedial
Comments Date:	06131997
Comments:	action. SVE system was removed from site and extractions wells
Comments Date:	06131997
Comments:	have been closed.
Comments Date:	06241996
Comments:	DES - Approved design for excavation, vapor venting system and
Comments Date:	06241996
Comments:	paving of the yard area of the site. Additional work will
Comments Date:	06241996
Comments:	include installation of three soil vapor extraction wells and a
Comments Date:	06241996
Comments:	carbon system for treatment of the soil vapor prior to release

CENTURY PLATING COMPANY INC (Continued) **1000483604**

Comments Date:	06241996
Comments:	to the atmosphere.
Comments Date:	09161998
Comments:	LIEN - Recorded a lien for $461,969.72 on the two parcels of
Comments Date:	09161998
Comments:	this site, APN 77D-1437-15-1 and 77D-1437-14-3.
Comments Date:	09301992
Comments:	RA - Drums and bins, containing various chemicals and spent
Comments Date:	09301992
Comments:	solutions, and assorted debris were removed from the Century
Comments Date:	09301992
Comments:	Plating shop building and from the yard.
Comments Date:	10251991
Comments:	Administrative Order issued by US EPA to RP to undertake and
Comments Date:	10251991
Comments:	complete removal activities.
Comments Date:	12271996
Comments:	RA - SOIL - Completed removal action. Three soil vapor
Comments Date:	12271996
Comments:	extraction wells were installed, the yard has been paved, 80
Comments Date:	12271996
Comments:	cubic yards of contaminated soil were excavated and disposed,
Comments Date:	12271996
Comments:	and a new floor slab was installed in the building.
Comments Date:	12291992
Comments:	ORDER - ISEO - Imminent and Substantial Endangerment Order
Comments Date:	12291992
Comments:	issued requiring further remedial investigation and removal of
Comments Date:	12291992
Comments:	contaminated soil.
ID Name:	CALSTARS CODE
ID Value:	200650
Alternate Name:	CENTURY PLATING COMPANY INC
Alternate Name:	PADDY O'CHROME
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

LIENS:

Name:	CENTURY PLATING COMPANY INC
City,State,Zip:	SAN LEANDRO, CA 94578
Envirostor Id:	01340040
Latitude:	37.710654
Longitude:	-122.14309
Project Mgr:	MOISES CARVALHO
Project Code:	200650
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	CERTIFIED
Site Type:	STATE RESPONSE OR NPL
Completed:	09/16/1998
Lien Amount:	$461,969.72
Amount Remaining:	Not reported
APNS:	77D-1437-14-3, 77D-1437-15-1
Description:	Century Plating Company, Inc. operated a plating and machine shop at 1124 139th Avenue from about 1973 until October 1991. Prior to Century Plating, Inc., Paddy O'Chrome operated a plating shop at this

CENTURY PLATING COMPANY INC (Continued) **1000483604**

location for approximately 8 years. At that time, Century was shut down by local authorities for noncompliance with fire and building codes and for unpermitted discharges to the sanitary sewer. The Site is located within a regional groundwater contamination located in the central area of the City of San Leandro. (See DWA Plume, Envirostor Ref. 01990002)

HIST CORTESE:

edr_fname:	CENTURY PLATING COMPANY I
edr_fadd1:	1124 139TH
City,State,Zip:	SAN LEANDRO, CA 94578
Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01340040

AG162 **SINGER FRIDEN** **RESPONSE** **S101272670**
NNE **2350 AND 2450 WASHINGTON AVENUE** **ENVIROSTOR** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **HIST Cal-Sites**
0.634 mi. **Cortese**
3349 ft. **Site 2 of 2 in cluster AG** **HIST CORTESE**

Relative: Higher

Actual: 52 ft.

RESPONSE:

Name:	SINGER FRIDEN
Address:	2350 AND 2450 WASHINGTON AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01360094
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	20
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, CITY OF SAN LEANDRO
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Site Code:	208005
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	20, 18
Senate:	09
Special Program Status:	Not reported
Status:	Certified / Operation & Maintenance
Status Date:	04/28/2003
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.71594
Longitude:	-122.1486
APN:	0397-161-49, 077 055609200, 077 063000100, 077 063000500, 077 063000600, 077 063000700, 077 063000800, 077 063000900, 077 063004800, 077 063004900, 077 063005000, 077 063005100, 077 063005200, 077 063005300, 077 063005400, 077 063005500, 077 063005600, 077 063005700, 077 063005800, 077 063005900, 077 063006000, 077 063006100, 077 063006200, 077 063006300, 077 063006400, 077 063006500, 077 063006600, 077 063006700, 077 063006800, 077 063006900, 077 063007000, 077 063007100, 077 063007200, 077 063007300, 077 063007400, 077 063007500, 077 063007600, 077 063007700, 077 063007800, 077 063007900, 077

SINGER FRIDEN (Continued) **S101272670**

063008000, 077 063008100, 077 063008200, 077 063008300, 077 063008400, 077 063008500, 077 063008600, 077 063008700, 077 063008800, 077 063009000, 077 063009100, 077 063009200, 077 063009300, 077 063009400, 077 063009500, 077 063009600, 077 063009700, 077 063009800, 077 063009900, 077 063011400, 077 063011800, 077 063012700, 077 063013600, 077 063013700, 077 063014700, 077D141002500, 77-556-100, 77-556-101, 77-556-102, 77-556-103, 77-556-104, 77-556-105, 77-556-106, 77-556-107, 77-556-108, 77-556-109, 77-556-110, 77-556-111, 77-556-112, 77-556-113, 77-556-114, 77-556-72, 77-556-73, 77-556-74, 77-556-75, 77-556-76, 77-556-77, 77-556-78, 77-556-79, 77-556-80, 77-556-81, 77-556-81, 77-556-82, 77-556-83, 77-556-84, 77-556-85, 77-556-86, 77-556-87, 77-556-88, 77-556-89, 77-556-90, 77-556-91, 77-556-93, 77-556-94, 77-556-95, 77-556-96, 77-556-97, 77-556-98, 77-556-99, 77-630-10, 77-630-100, 77-630-101, 77-630-102, 77-630-103, 77-630-104, 77-630-105, 77-630-106, 77-630-107, 77-630-108, 77-630-109, 77-630-11, 77-630-110, 77-630-111, 77-630-112, 77-630-113, 77-630-115, 77-630-116, 77-630-117, 77-630-119, 77-630-12, 77-630-120, 77-630-121, 77-630-122, 77-630-123, 77-630-124, 77-630-125, 77-630-126, 77-630-128, 77-630-129, 77-630-13, 77-630-130, 77-630-131, 77-630-132, 77-630-133, 77-630-134, 77-630-135, 77-630-138, 77-630-139, 77-630-14, 77-630-140, 77-630-141, 77-630-142, 77-630-143, 77-630-144, 77-630-145, 77-630-146, 77-630-146, 77-630-148, 77-630-149, 77-630-15, 77-630-150, 77-630-151, 77-630-16, 77-630-17, 77-630-18, 77-630-19, 77-630-2, 77-630-20, 77-630-21, 77-630-22, 77-630-23, 77-630-24, 77-630-25, 77-630-26, 77-630-27, 77-630-28, 77-630-29, 77-630-3, 77-630-30, 77-630-30, 77-630-31, 77-630-32, 77-630-33, 77-630-34, 77-630-35, 77-630-36, 77-630-37, 77-630-38, 77-630-39, 77-630-4, 77-630-40, 77-630-41, 77-630-42, 77-630-43, 77-630-44, 77-630-45, 77-630-46, 77-630-47, 77-630-48, 77-630-49, 77-630-5, 77-630-50, 77-630-51, 77-630-52, 77-630-53, 77-630-54, 77-630-55, 77-630-56, 77-630-57, 77-630-58, 77-630-59, 77-630-6, 77-630-60, 77-630-61, 77-630-62, 77-630-63, 77-630-64, 77-630-65, 77-630-66, 77-630-67, 77-630-68, 77-630-69, 77-630-7, 77-630-70, 77-630-71, 77-630-72, 77-630-73, 77-630-74, 77-630-75, 77-630-76, 77-630-77, 77-630-78, 77-630-79, 77-630-8, 77-630-80, 77-630-81, 77-630-82, 77-630-83, 77-630-84, 77-630-85, 77-630-86, 77-630-87, 77-630-88, 77-630-89, 77-630-9, 77-630-90, 77-630-91, 77-630-92, 77-630-93, 77-630-94, 77-630-95, 77-630-96, 77-630-97, 77-630-98, 77-630-99, 77D-1410-25

Past Use: MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - ELECTRONIC, NONE, NONE, NONE, NONE, NONE, NONE, DEGREASING FACILITY, NONE, NONE, NONE, NONE, DEGREASING FACILITY, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, NONE

Potential COC : Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Chloroform 1,2-Dichloroethylene (cis

Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Chloroform 1,2-Dichloroethylene (cis 30022-NO 30027-NO 30028-NO

Potential Description: OTH, SOIL, SV, AQUI, IA, SOIL, SV, IA, IA, IA, IA, IA, IA, IA, OTH, SOIL, SV, IA, IA, IA, IA, NMA, OTH, SOIL, SV, AQUI, IA, SOIL, SV, IA, SED, SOIL, SV, IA

Alias Name: FRIDEN INC
Alias Type: Alternate Name
Alias Name: SANDPIPER CONDOS
Alias Type: Alternate Name
Alias Name: SINGER CO

SINGER FRIDEN (Continued) **S101272670**

Alias Type:	Alternate Name
Alias Name:	STAEFA CONTROL SYSTEM
Alias Type:	Alternate Name
Alias Name:	UNIVERSAL PNEUMATIC CONTROLS
Alias Type:	Alternate Name
Alias Name:	WILLIAM MATHEWS BUILDING
Alias Type:	Alternate Name
Alias Name:	0397-161-49
Alias Type:	APN
Alias Name:	077 055609200
Alias Type:	APN
Alias Name:	077 063000100
Alias Type:	APN
Alias Name:	077 063000500
Alias Type:	APN
Alias Name:	077 063000600
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Alias Name:	077 063000700
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Alias Name:	077 063000800
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Alias Name:	077 063000900
Alias Type:	APN
Alias Name:	077 063004800
Alias Type:	APN
Alias Name:	077 063004900
Alias Type:	APN
Alias Name:	077 063005000
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Alias Name:	077 063006200
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Alias Name:	077 063006300
Alias Type:	APN
Alias Name:	077 063006400
Alias Type:	APN

SINGER FRIDEN (Continued) **S101272670**

Alias Name:	077 063006500
Alias Type:	APN
Alias Name:	077 063006600
Alias Type:	APN
Alias Name:	077 063006700
Alias Type:	APN
Alias Name:	077 063006800
Alias Type:	APN
Alias Name:	077 063006900
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Alias Type:	APN
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Alias Type:	APN
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SINGER FRIDEN (Continued) **S101272670**

Alias Type:	APN
Alias Name:	077 063009500
Alias Type:	APN
Alias Name:	077 063009600
Alias Type:	APN
Alias Name:	077 063009700
Alias Type:	APN
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Alias Name:	077 063013700
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Alias Name:	077 063014700
Alias Type:	APN
Alias Name:	077D141002500
Alias Type:	APN
Alias Name:	77-556-100
Alias Type:	APN
Alias Name:	77-556-101
Alias Type:	APN
Alias Name:	77-556-102
Alias Type:	APN
Alias Name:	77-556-103
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Alias Name:	77-556-107
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Alias Name:	77-556-110
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Alias Name:	77-556-111
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Alias Name:	77-556-112
Alias Type:	APN
Alias Name:	77-556-113
Alias Type:	APN
Alias Name:	77-556-114
Alias Type:	APN
Alias Name:	77-556-72
Alias Type:	APN

SINGER FRIDEN (Continued) **S101272670**

Alias Name:	77-556-73
Alias Type:	APN
Alias Name:	77-556-74
Alias Type:	APN
Alias Name:	77-556-75
Alias Type:	APN
Alias Name:	77-556-76
Alias Type:	APN
Alias Name:	77-556-77
Alias Type:	APN
Alias Name:	77-556-78
Alias Type:	APN
Alias Name:	77-556-79
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Alias Name:	77-556-82
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Alias Type:	APN
Alias Name:	77-556-99
Alias Type:	APN
Alias Name:	77-630-10
Alias Type:	APN
Alias Name:	77-630-100

SINGER FRIDEN (Continued) **S101272670**

Alias Type:	APN
Alias Name:	77-630-101
Alias Type:	APN
Alias Name:	77-630-102
Alias Type:	APN
Alias Name:	77-630-103
Alias Type:	APN
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Alias Name:	77-630-11
Alias Type:	APN
Alias Name:	77-630-110
Alias Type:	APN
Alias Name:	77-630-111
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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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Alias Name: P23070
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Alias Name: 200251
Alias Type: Project Code (Site Code)
Alias Name: 208005
Alias Type: Project Code (Site Code)
Alias Name: 01360094
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/12/2005
Comments: Amendment #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/15/2010
Comments: CFA approved for $200,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: ERRG contract fullt executed for $200,000 from July 1, 2010 to June 30, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/29/2010
Comments: Contract 09-T9094

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/18/2009
Comments: Work Order 1 was amended to include additional Tasks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/30/2010
Comments: ERRG Work Order completed.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2002
Comments: Work Order for O&M

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/29/2010
Comments: contract fully executed for $5,000 to June 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/22/2011
Comments: Work Order amendment extending work through June 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/07/1998
Comments: Start Work Order

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/20/1999
Comments: Start Work Order

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/02/1999
Comments: Work Order Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/08/2007
Comments: Contract for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/11/2007
Comments: Work Order for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/06/2007
Comments: Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/10/2010

SINGER FRIDEN (Continued) **S101272670**

Comments: CFA Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/31/2011
Comments: Work order issued for Pilot Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/15/2011
Comments: Contract extended till June 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/07/2005
Comments: Work Order to conduct soil gas sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/25/2006
Comments: Amendment #4

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2006
Comments: Annual expenditure letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/04/2006
Comments: Work Order for O&M

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/26/2011
Comments: URS contract to conduct pilot study is fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/05/2010
Comments: Contract with URS Corporation (URS) to provide personnel, services, materials and equipment necessary to prepare to prepare the final report for the in-situ pilot study conducted in 2008 for the Singer Friden site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/16/2008

SINGER FRIDEN (Continued) **S101272670**

Comments: Contract for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2008
Comments: Work Order for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/17/2002
Comments: Amendment #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/21/2002
Comments: Amendment #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/16/2003
Comments: Amendmemt #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2004
Comments: Annual letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/17/2004
Comments: Amendment #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/27/2012
Comments: CFA amendment to extend the contract until June 30, 2013 approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2012
Comments: ERRG contract amendment fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/29/2012
Comments: Work order amendment to continue O&M completed.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/01/2023
Comments: Contract 17-T4416 Work Order No. 008 authorizes Contractor to provide personnel and services to a supplemental site characterization at Unit 023 and adjacent locations at Singer Friden site. Funding for Work Order 008 will be transferred from other Contract 17-T4416 funded tasks.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Correspondence
Completed Date: 07/20/2023
Comments: Unit 019 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 12/19/2023
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Meeting
Completed Date: 09/25/2023
Comments: A meeting was held on September 20, 2023, with Dundee HOA Board Members. Members agreed with DTSC's proposed supplemental soil gas investigation to be conducted in the Sandpiper property common areas to address data gaps.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 08/17/2023
Comments: Correspondence to Unit 001 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 001. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/23/2024
Comments: The Contract 22-T5074 A-1 Work Order No.1 Amendment No.1 (WO 1 A-1) modified the funding schedule and increased the funds to perform additional services under Tasks 8 through 9.5 DTSC Contract Manager transferred $38,754.25 funds currently allocated under Contract 22-T5074 A-1 contingency fund to support additional services under WO 1 A-1.

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/22/2023
Comments: Dann Bullwinkel, a resident of Trailer Haven Park, transmitted a handwritten letter/report to Singer Fridenn++s PM, Moises Carvalho, on December 12/19/2023. The handwritten letter/report includes groundwater and potable water (East Bay Municipal Utility District [EBMUD] treated surface water) sample analytical results. The groundwater samples were collected from a production well located on the Trailer Haven Park property. The groundwater and potable water results are documented in the 2021 Consumer Confidence Report, dated June 30, 2022. A review of the summarized groundwater analytical results (Tables 1 through 6) indicates no analytes exceeded their respective Maximum Contaminant Levels (MCLs) or Maximum Contaminant Level Goals (MCLGs), if applicable. However, it is important to note that these tables represent a combined dataset from December 2013 to September 2021. The report further indicates that December 2021 samples (results not tabulated) were analyzed for perchlorate, radium 228, and 65 volatile organic compounds (VOCs), and all analytical results were below detectable levels. Similarly, no exceedances were reported for EBMUD-treated surface water samples. While the report doesnn++t specify the groundwater sampling methodology used to collect the samples, production well spigot sampling (if that is the case) can present quality concerns for VOCs due to potential degasification during collection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/02/2023
Comments: Contract 17-T4416 Work Order No.9 Amendment No.1 increased the funds to perform additional services under Task 27 C (Indoor Air and Sub-Slab Soil Gas Sampling). DTSC Contract Manager transferred $5,188.00 funds currently allocated under Contract 17-T4416 Work Order No.1 Task 1 and Contract 17-T4416 Work Order No. 009 contingency provision to support additional services under Task 27 C.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 06/09/2023
Comments: Correspondence to Unit 023 residence. This correspondence provides an explanation of the results and findings of the indoor air sampling event conducted at Unit 023 in May 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/17/2023
Comments: Pre-HARP form for planned activities to be conducted in 2023-2024.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/19/2023
Comments: Unit 025 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Correspondence
Completed Date: 08/17/2023
Comments: Unit 016 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 02/22/2024
Comments: The Unit 011 Foundation Inspection Report and indoor air sampling summarizes the visual inspection of the concrete slab foundation, indoor air, and sub-slab soil gas sampling performed in August 2023, at Unit 011 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC accessing their properties to conduct the environmental investigation are referred to as Units in the Reports. All confidential information, if applicable, has been redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/20/2024
Comments: Site Visit to oversee installation of Soil Gas Probes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/23/2024
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.4 (WO 1 A-4) increased the funds to perform additional services under Task 9.5 (Supplemental Soil Gas Assessment Report). DTSC Contract Manager transferred $17,138.40 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-4.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/21/2023
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.2 (WO 1 A-2) increased the funds to perform additional services under the Task 1 (Technical Consultative Services), Task 2.1 (Soil Vapor Extraction

SINGER FRIDEN (Continued) **S101272670**

Pilot Study Workplan) and Task 3 (Soil Vapor Extraction Noise Assessment) as described in WO 1 A-2. DTSC Contract Manager transferred $28,554.72 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/29/2023
Comments: The Contract 17-T4416 A-4 Work Order No. 010 Amendment No. 2 (WO 010 A-2) increased the funds to perform additional services under Task 31B DTSC Contract Manager transferred $3,677.51 funds currently allocated under Contract 17-T4416 A-4 contingency fund to support additional services under WO 010 A-2.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 11/21/2023
Comments: Email submitted to Unit 023 residents transmitting the Sub-Slab Depressurization System Installation Summary and Certification Letter (Report), dated November 16, 2023. The Report summarizes the construction of sub-slab depressurization system activities conducted from April 10, 2023, through April 18, 2023, and April 24, 2023, at Unit 023, within the Sandpiper Townhome Complex. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples and installation of sub-slab depressurization systems, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Correspondence
Completed Date: 04/19/2024
Comments: Unit 019 Vapor Intrusion Assessment Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 09/11/2023
Comments: Correspondence to Unit 007 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in April and July 2023 on the sub-slab depressurization system (SSDS) installed at Unit 007. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence

SINGER FRIDEN (Continued) **S101272670**

Completed Date: 06/17/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 11/15/2023
Comments: Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems Correspondence to Unit 023 residence. Correspondence provides an explanation of the following: -Purpose of the operation and maintenance (O&M) activities performed in September 2023 on the sub-slab depressurization system (SSDS) installed at Unit 023. -O&M recommendations and findings. -Indoor air sampling results and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or installing mitigation systems, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/28/2023
Comments: The Contract 17-T4416 A-4 Work Order No. 010 Amendment No. 1 (WO 010 A-1) increased the funds to perform additional services under Tasks 31B: Vapor Intrusion Barrier Coating Material Application, Task 31C: Vapor Intrusion Barrier Coating Material Application Effectiveness Assessment and Task 31 D (Vapor Intrusion Barrier Coating Material Application Completion Report). DTSC Contract Manager transferred $25,423.84 funds currently allocated under Contract 17-T4416 A-4 contingency fund to support additional services under WO 010 A-1

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 08/25/2023
Comments: Correspondence to Unit 006 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 006. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Correspondence
Completed Date: 09/14/2023
Comments: Correspondence to Unit 025 resident. This correspondence provides an explanation of the results and findings of the indoor air sampling event conducted at Unit 025 in August 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/10/2024
Comments: The Contract 17-T4416 Work Order No. 011 (Work Order No. 011) increased the funds to support additional services under Task 32 (Groundwater Monitoring) and Task 33 (Installation of Sub-Slab Depressurization Systems) are available from Contract s authorized funding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/26/2023
Comments: Exhibit A, Scope of Work, Section 6 modified to add Sections H and I. Section H added Task 8 Supplemental Soil Gas Assessment Work Plan, and Section I added Task 9 Soil Gas Probes/Sampler Installation, Sampling and Reporting, and Subtasks 9.1 through 9.5.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Correspondence
Completed Date: 11/07/2023
Comments: Unit 020 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/23/2023
Comments: Notification letter to residents who will be immediately affected by the Soil Vapor Extraction (SVE) Pilot Test fieldwork activities planned to be conducted between August 28, 2023, and October 6, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2023
Comments: Contract 22-T5074 A1 Work Order No.1 increased the funds to perform additional services under Task 9 Soil Gas Probes/Sampler Installation, Sampling and Reporting, and Subtasks 9.1 through 9.5. Funding for the Work Order will be transferred from the Contract funding account.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/15/2024
Comments: The Contract 17-T4416 A-4 Work Order No.10 Amendment No.3 (WO10-A_3) transferred $85,164.08 allocated under Task 28 (Supplemental Indoor Air Monitoring) to support additional services under Task 19B (Miscellaneous Maintenance and Services) and Task 29 (Supplemental Operation and Maintenance of Sub-Slab Depressurization System).

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/13/2023
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.3 (WO 1 A-3 increased the funds to perform additional services under Task 2.2 (Soil Vapor Extraction Pilot Study Fieldwork) and Task 3 (Soil Vapor Extraction Environmental Noise Assessment). DTSC Contract Manager transferred $23,313.63 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-3.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 06/28/2023
Comments: Correspondence to Unit 023 residence. Correspondence provides explanation of results and findings of indoor air sampling event conducted at Unit 023 in June 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/27/2023
Comments: The Contract 17-T4416 Work Order No. 010 (Work Order No. 010) increased the funds to support additional services under Task 28 through Task 31 are available from Contract s authorized funding. DTSC Contract Manager transferred $26,000.00 of funds allocated under Contract 17-T4416 Work Order No.1 Task 1 (Indoor Air Monitoring) and Contract 17-T4416 Work Order No. 1 Task 3A (Operation and Maintenance of Sub-Slab Depressurization System) to support additional services under Contract 17-T4416 Task 4A and Task 4B (Groundwater Elevation Gauging and Sampling; and Groundwater Monitoring Report).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2024
Comments: Project management activity for FY 23/24 completed on June 30, 2024.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/13/2023
Comments: Contract 17-T4416 was amended (Now Contract 17-T4416 A4) to add $350,000.00 to the Agreement. The total amount of the Agreement shall not exceed $1,650,000.00. Exhibit A, Scope of Work, Sections 1 and 3 are modified. Section 6 is replaced in its entirety, and Tasks 10, 11, 12, and 13 are added.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract

SINGER FRIDEN (Continued) **S101272670**

Completed Date:	04/29/2024
Comments:	Contract 17-T4416 was amended (Now Contract 17-T4416 A5) to add $210,000.00 to the Agreement. The total amount of the Agreement shall not exceed $1,860,000.00. Exhibit A, Scope of Work, Sections 4 and 6 are modified. Exhibit B, Budget Details and Payment Provisions, Sections 5 and 7 are modified. Text insertions or deletions in modified sections are displayed in red, bold, and underline or as strike-through text, respectively. Sections that have been replaced in their entirety appear as normal text.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011
Completed Document Type:	Access Agreement
Completed Date:	05/21/2024
Comments:	This Right to Enter Agreement (Agreement) is entered into between Unit 011 property Owner and the State of California, Department of Toxic Substances Control (DTSC). This Agreement provides for entry onto the Unit 011 real property to investigate soil contamination, and install, inspect and maintain a sub-slab depressurization system at the unit property. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to installed sub-slab depressurization system are referred to as Units.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	06/02/2023
Comments:	The Contract 17-T4416 Work Order No.1 Amendment No.3 increased the funds to perform additional services under the Task 3 (Operation and Maintenance of Sub-Slab Depressurization System) as described in Work Order No.1. DTSC Contract Manager transferred $10,040.00 funds currently allocated under Contract 17-T4416 Work Order No.1 Task 1 to support additional services under Task 3.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	08/11/2023
Comments:	ERRG MSA Contract 17-T4306 A5 extended term end until October 31, 2023.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Orphan Site Designation
Completed Date:	02/24/2016
Comments:	DTSC determined that there are no viable responsible parties for this site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	07/29/2014
Comments:	Field order to allow relocation of one or more residents in the Sandpiper Townhomes into temporary housing.
Completed Area Name:	PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2014
Comments: Contract 13-T3786 A-1 adds indoor air sampling activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/06/2016
Comments: Contract extension until June 30, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 02/16/2016
Comments: PRP ID Memo indicates that there are no viable responsible parties at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/21/2014
Comments: Contract 14-T3865 WO 01 to authorize demolition of groundwater treatment system at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 09/02/2014
Comments: Access Agreement to residential properties within Sandpiper Townhome Complex

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/25/2014
Comments: Contract 09-T9128 Work Order 1 is for operating and maintaining groundwater treatment system at the Singer Friden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/30/2014
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3902 for the following activities: (i) operation and maintenance of the groundwater extraction treatment system; (ii) groundwater and soil gas sampling; (iii) and indoor air confirmation sampling after sub-slab system installation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/20/2015
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3865 time extension.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SINGER FRIDEN (Continued) **S101272670**

Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/17/2014
Comments: Contract 09-T9128 Amendment A3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/21/2017
Comments: Contract amendment to add money and extend the contract through September 30, 2018. Work includes continued groundwater monitoring and as-needed installation of sub-slab systems.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Site Characterization Report
Completed Date: 05/12/2023
Comments: The Technical Memorandum summarizes supplemental site characterization activities performed in March 2023 at Unit 023 and adjacent locations at the former Singer Friden Facility. Supplemental site characterization activities consisted of collection of soil gas, indoor air, sub-slab soil gas, and sewer vapor samples as multiple lines of evidence to assess whether vapor intrusion interim mitigation measures are warranted at Unit 023. Based on the results of the supplemental site characterization that indicated relatively elevated concentrations of trichloroethene (TCE) in sewer vapor (sink P-traps) and sub-slab soil gas samples, DTSC recommended the installation of a sub-slab depressurization system at Unit 023 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/15/2021
Comments: Sewer Vapor Investigation Report summarizes a sewer vapor investigation conducted in August 2021 at Singer Friden site (Site). The purpose of this investigation is to verify whether the sewer system present at the Site is acting as a preferential pathway/vapor conduit to carry tetrachloroethene (PCE) and trichloroethene (TCE) present in areas around SGW-13, SGW-16, and SGW-29 where high residual PCE/TCE mass was detected in the vadose zone during the August 2019 soil gas sampling effort. Sewer vapor samples collected from sewer manholes and cleanouts for both the grab and passive samples reported concentrations of PCE, TCE and chloroform in the sewer lines around SGW-13, SGW-16, and SGW-29. Evaluation of organochlorinated compounds reported in the sewer system at the Site will be made in subsequent assessment reports. Future assessment reports will compare historical and current soil gas results, and additional sewer vapor sample results to verify the potential sources of organochlorinated compounds detected in the sewer system at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2021
Comments: MW-5 and P3 wells not sampled during December 2021 Semiannual Sampling Event. MW-5 well was covered by a PODS moving container.

SINGER FRIDEN (Continued) **S101272670**

DTSC was told that PODS will be in place until February 1st. P3 was unable to be located because the apparent location was paved over.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/03/2022
Comments: The purpose and objective of this 2014 Indoor Air Sampling Work Plan Addendum (Work Plan Addendum) is to collect indoor air samples from the consenting residential units for laboratory analysis of volatile organic compounds (VOCs) to evaluate indoor air quality and determine if vapor intrusion mitigation measures are warranted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 022
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 022. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/27/2022
Comments: Work Notice distributed to Singer Friden site community (Sandpiper Townhome Complex s residents). Work Notice informs the community about the Supplemental Environmental Investigation activities that will be conducted at the Singer Friden site between October 10 and October 21, 2022.

Completed Area Name: Indoor Air - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2016
Comments: Follow up sampling on June 20, 2016 (after SSDs were dried out) in Unit 002 found reduced levels of tetrachloroethene.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/27/2014
Comments: Public Notice informing Sandpiper Townhome Complex community about meeting to be held on August 20, 2014, to explain the results of the indoor air sampling, proposed next steps in addressing this issue and answering questions from the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 17,900 gallons of water was processed through the remediation system during the July 2014 reporting period

SINGER FRIDEN (Continued) **S101272670**

from June 30, 2014 to July 31, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/26/2012
Comments: Work Notice was distributed to all homeowners in the subdivision, posted and placed on the HOA website.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/13/2014
Comments: The total volume of treated water for the fourth quarter 2013 and during the 2013 monitoring period was 210,400 and 838,000 gallons, respectively. The total volume treated since the remediation system began operation on May 4, 2001, was 191,435,406 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2014
Comments: Groundwater treatment system continues to treat low volumes of water with consistent concentrations of VOC's in the influent and non-detect results in effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2013
Comments: The GWTS was operated and discharge was in compliance with the NPDES permit this quarter. VOC's in the influent were around 100 ppb and non-detect in the effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/16/2013
Comments: WTS operates in compliance with the NPDES permit. Volume treated this month was 74,900m gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 09/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/23/2013
Comments: Based on a comparison of VOC concentrations measured during previous sampling events with concentrations measured during the semiannual 2013 event, VOC concentrations have generally decreased over time. However, VOC concentrations in many of the Site s wells have fluctuated over time and are likely due to one or more of the following conditions: seasonal variation of groundwater elevations,

SINGER FRIDEN (Continued) **S101272670**

changing groundwater flow dynamics as extraction well pumps are turned off or on, and redistribution of dissolved contaminant mass over time. Additionally, enhanced in-situ bioremediation pilot tests in the areas of wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2014
Comments: The report summarizes the annual 2013 groundwater monitoring data collected at the Site. The results were within historic ranges for chlorinated volatile organic compounds. Naturally-occuring parameters were also measured for use in design of future remedies such as insitu-bioremediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/21/2014
Comments: Fact Sheet informing Sandpiper Townhome Complex community about meeting to be held on August 20, 2014, to explain the results of the indoor air sampling, proposed next steps in addressing this issue and answering questions from the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/15/2014
Comments: SVE would remove contaminants but it is not capable of providing vapor intrusion mitigation for residents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/18/2015
Comments: GWTS operated in compliance with the NPDES permit and quantity discharged was within normal flow rates. System has removed over 191 million gallons and over 260 pounds of VOC's to date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/25/2015
Comments: Indoor air results from both the summer 2014 and the winter of 2015 are included. There is no clear seasonal effect on samples. concentrations remain above screening levels. Three homes which have sub-slab systems install have concentration below screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SINGER FRIDEN (Continued) **S101272670**

Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/07/2014
Comments:	79,500 gallons of water was processed through the remediation system during the March 2014 reporting period from February 28, 2014 to March 31,2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/08/2014
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 69,700 gallons of water was processed through the remediation system during the April 2014 reporting period from March 31, 2014 to May 1, 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/29/2013
Comments:	109,500 gallons of water was treated during the July 2013 reporting period. The system operated in compliance with the NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	10/09/2013
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 103,100 gallons of water was processed through the remediation system during the September 2013 reporting period from August 29 to October 1, 2013.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	11/18/2013
Comments:	80,900 gallons of water was processed through the remediation system during the October 2013 reporting period from October 1 to November 1, 2013.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	03/19/2014
Comments:	Meeting with Sandpiper HOA to discuss indoor air sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/13/2019
Comments:	Field work (indoor air quality samples) completed on 9/13/2019. Three residences (Units 010, 012 and 013) were sampled.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Monitoring Report
Completed Date:	07/10/2019
Comments:	Letter report summarizes air sampling event performed from February

SINGER FRIDEN (Continued) **S101272670**

26 through February 27, 2019, at Unit 004 within the Sandpiper Townhouse Complex at the Former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2020
Comments: Fieldwork activities completed on December 18, 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/06/2021
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site, except for wells installed in the Yerba Buena Aquitard (Shallow Regional Aquitard), which are significantly deeper than the other wells. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2020 sampling event. Analytical results from the December 2020 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. However, when compared to the June 2020 results, trichloroethene increased in monitoring wells EW-6 and EW-7 from 630 micrograms per liter (g/l) to 1,400 g/l and 17 g/l to 110 g/l, respectively. VOC concentrations increases and fluctuations are likely due to the following conditions: (1) seasonal variation of groundwater elevations and flow conditions and (2) redistribution of the dissolved contaminant mass in saturated porous media over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/03/2021
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site, except for wells installed in the Yerba Buena Aquitard (Shallow Regional Aquitard), which are significantly deeper than the other wells. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June 2021 sampling event. Analytical results from the June 2021 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. However, when compared to the December 2020 results, cis-1,2-dichloroethene concentrations increased from 350 micrograms per liter (g/l) to 610 g/l and trichloroethene concentrations decreased from 1,400 g/l to 980 g/l at well EW-6. All other VOCs at the remaining wells were generally stable relative to previous results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/18/2018
Comments: Waste manifest of excavation spoils from installation of a sub-slab

SINGER FRIDEN (Continued) **S101272670**

depressurization system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/17/2019
Comments: A combination of geophysical methods was used to meet the objectives of the subsurface geophysical surveys as described in the 2019 Subsurface Geophysical Survey workplan. The selected geophysical survey methods were electromagnetic line locating, metal detection, ground penetrating radar, and total field magnetic. The selected geophysical methods used in each of the five survey areas at former Singer-Friden Site depended on the nature of the suspected targets and the available site access. Subsurface geophysical surveys results identified notable evidence of subsurface features at the central portion of Cornwall Way across the Sandpiper Townhome Complex s Pool House. These subsurface features are likely a shallow backfilled catch basin and a buried metallic object. Subsurface geophysical surveys did not identify notable evidence of subsurface features at the other four survey areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2021
Comments: Groundwater sampling activities completed on June 23, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/25/2020
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2019 sampling event. Analytical results indicate that VOC concentrations have generally stabilized or decreased over time. However, VOC concentrations have shown occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time. Additionally, enhanced in-situ bioremediation pilot tests in the areas of wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Monitoring Report
Completed Date: 07/10/2019
Comments: Letter report summarizes air sampling event performed from February 26 through February 28, 2019, at Unit 006 within the Sandpiper Townhouse Complex at the Former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/30/2022
Comments: This Public Participation Plan (PPP) was prepared by the Department of Toxic Substances Control (DTSC) for the investigation and remediation of contaminations to be conducted at the former Singer-Friden (Site) in San Leandro, California. DTSC policy requires public participation throughout the cleanup process. One aspect of DTSC's public participation process is the preparation of a Public Participation Plan. This PPP is an update to the 2013 Public Participation Plan to incorporate current information and the status of the cleanup to date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/27/1996
Comments: During installation of the extraction and treatment system conveyance piping in December 1995, potentially contaminated soil was encountered adjacent to the excavation for the vault box in the intersection of Heathrow Place and Cornwall Way. Pursuant to Task Order No. 2-085-11.0-200251 issued under contract No. 91-T0085, DTSC retained URS Consultants, Inc. (URS) to perform a soil removal action at the Singer Friden site. Soil excavation extended to approximately 5 feet below grade surface. The soil quantity to be removed was estimated to be approximately 25 cubic yards. The excavation was backfilled on February 11 and 12, 1996. Class 2 gravel fill was placed in the excavation in approximately 8-inch lift and compacted with a hand-held Wacker. Final grading and asphalting was completed on February 14, 1996.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Monitoring Report
Completed Date: 09/14/2018
Comments: This letter report summarizes the air sampling event performed on May 29 through June 5, 2018 at Unit 008 within the Sandpiper Townhouse Complex. The tetrachloroethene (PCE) concentration detected during the May 2018 event was similar to the concentrations detected during the May and December 2017 air sampling events. The concentrations have not changed significantly since the sub-slab depressurization system was installed in October 2017. ERRG, DTSC's contractor, recommended in the report that a variable speed fan or second fan be installed to increase suction and reduce PCE concentrations in indoor air.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/04/2019
Comments: Soil Gas Investigation Subsurface Geophysical Survey field work activities completed on September 4, 2019.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 010
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019

SINGER FRIDEN (Continued) **S101272670**

Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 010 in October 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/19/2018
Comments: Site reconnaissance with DTSC SM and GSU staff.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/07/2020
Comments: 2019 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 002, 004, 006, 007 and 008. O&M activities were done in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer Friden Site. Final document has information redacted due to confidentiality. A non-redacted version of the Report is available at DTSC Berkeley Office File Room.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/24/2021
Comments: 2020 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 004, 004, 006, 007 and 008. O&M activities were done in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer Friden Site. Final document has information redacted due to confidentiality. A non-redacted version of the Report is available upon request at DTSC Berkeley Office File Room.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/26/2020
Comments: Fact Sheet hand delivered to Sandpiper community during the Community Update Workshop Meeting held on February 29, 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/06/2021
Comments: Fact Sheet informs the Sandpiper community about the status of environmental investigations planned at the former Singer Friden facility (Site) The Site is currently in the operation and maintenance phase of work. Supplemental environmental investigations are planned and necessary to help the DTSC better evaluate the implementation of additional cleanup measures at the Site. When implemented, additional cleanup measures will stop or reduce vapor intrusion of chemicals coming from soil and groundwater at the Site. These measures will improve indoor air quality of residences and

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protect human health and the environment.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 11/15/2019
Comments: Letter report describes the activities conducted to implement a membrane coating (Retro-Coat) pilot study (Pilot Study) at the Unit 009, Former Singer-Friden Facility. Letter report describes findings of the Pilot Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 03/18/2021
Comments: Work Plan outlines the tasks to be performed during installation of three double-nested groundwater monitoring wells and one triple-nested soil gas monitoring well at the former Singer Friden Facility (Site). The project objective is to expand the Site s monitoring well network to further evaluate the nature and extent of volatile organic compounds (VOCs) in groundwater, soil, and soil gas throughout the Site. The Work Plan only discusses groundwater monitoring well installation. Installation of soil gas monitoring wells is described in the Site s soil gas investigation work plan (Soil Gas Investigation Work Plan, Sandpiper Townhome Complex, Former Singer Friden Facility, 2350/2450 Washington Avenue, San Leandro, California. July 2019).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/28/2021
Comments: Work Notice distributed to the Sandpiper Townhome Complex community about Supplemental Environmental Investigations activities that will be conducted at the Singer Friden site. The Supplemental Environmental Investigations will consist of the following activities: (1) Subsurface Utility Line Geophysical Survey; (2) Soil Gas Sampling; and (3) Sewer Gas Sampling.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Technical Report
Completed Date: 04/07/2020
Comments: Unit 011 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on February 7, 2019, at Unit 011 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2020
Comments: Groundwater monitoring fieldwork activities and COVID-19 precautionary measures implemented as planned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Public Notice
Completed Date: 02/21/2020
Comments: A community update workshop will be held at local community center on February 29, 2020. DTSC will discuss the following: August 2019 soil gas investigation and September/October 2019 indoor air testing results of certain residences; Future indoor air quality testing and steps that local residents can take to maintain personal and environmental health.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 10/15/1996
Comments: Initial Study and Negative Declaration Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/28/2003
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 07/17/1992
Comments: Re-issued I&SE Determination and Order to Bicoastal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/22/1991
Comments: Issued I&SE Determination and Order to the site developers (known as the Citation entities) and owners of office building (Wm. Mathews, Inc.).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/18/1996
Comments: Cost Settlement with the Citation entities. Citation will pay DTSC $4,000,000 to cover all past and future liability for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 02/23/1993
Comments: Cost Settlement in US Bankruptcy Court regarding Bicoastal Corp. (dba Simuflite fka The Singer Company) Case No. 89-8191-BKC-8P1. DTSC receives $2,500,000. $2,250,000 applied to the Singer Friden Site and $250,000 to 3176 Porter Drive in Palo Alto. Settlement also addressed claims of the Dundee Homeowners Assoc. DTSC and Dundee also settled

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their claims against each other, as well as future access to the property by DTSC.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 004 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 004 to mitigate the indoor air quality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 008 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 003 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 004 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 001 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 002 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 007 homeowner to schedule annual inspection of the fan systems (sub-slab depressurization system)

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installed outside Unit 007 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/16/2021
Comments: Contract 17-T4416 Work Order No.3 with ERRG. Work Order No. 3 scope of work consists of activities listed as Tasks 16 through 19b, as follows: Task 16: Underground Utility Survey Task 17a: Soil Gas Sampling Fieldwork Task 17b: Soil Gas Results Reporting Task 18a: Sewer Gas Sampling Fieldwork Task 18b: Sewer Gas Results Reporting Task 19a: Groundwater Monitoring Reporting Task 19b: Miscellaneous Maintenance and Services

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/21/2022
Comments: Contract 22-T5074 Work Order No. 1 authorizes RMD Environmental Solutions, Inc. (Contractor) to provide personnel, services, materials, and equipment to conduct technical consultative services at the Singer Friden site as follows: Task 1 Technical Consultative Services Task 2 Soil Vapor Extraction Pilot Study Workplan, Fieldwork and Reporting Task 3 Soil Vapor Extraction System Environmental Noise Assessment Task 4 Human Health Risk Assessment Task 5 - Remedial Investigation/Feasibility Study Report Task 6 - Remedial Action Plan Amendment Task 7 - Public Outreach Support Service

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 07/07/2021
Comments: Email sent to Unit 003 property owner informing about proposed maintenances of a sub-slab depressurization system (Fan System) installed at the property to improve indoor air quality. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2022
Comments: The letter informs the Sandpiper Townhome Complex community about environmental investigations conducted in 2021 and planned in 2022 at the Singer Friden site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/15/2021
Comments: Contract 17-T4416 amended (Now Contract 17-T4416 A2) to extend the term end date from December 31, 2021, to June 30, 2023, update Contractor Representative/Project Manager and the DTSC Project Manager. The total amount of the Contract shall not exceed $1,300.000.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	04/06/2021
Comments:	Contract 19-T4790 A-1 extended the term end date of previous contract (Contract 19-T4790) from June 30, 2021 to December 31, 2022. The total amount of the Contract 19-T4790 A-1 shall not exceed $50,000.00. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date:	02/28/2022
Comments:	RFF 21-0274. This RFF revision requests funds to conduct technical consultative services, soil vapor extraction pilot study, Soil Vapor Extraction System Environmental Noise Assessment, Human Health Risk Assessment, Remedial Investigation/Feasibility Study Report, Remedial Action Work Plan for Singer Friden Site.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 006
Completed Document Type:	Correspondence
Completed Date:	01/10/2022
Comments:	DTSC correspondence contacting Unit 006 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 006 to mitigate the indoor air quality.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2022
Comments:	Activity created to capture project management labor hours during FY 21/22.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	09/27/2022
Comments:	Contract 17-T4416 Work Order No. 5 authorizes Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to implement activities listed as Tasks 23A and 23B as follows: Task 23A: RetroCoat Pilot Study Effectiveness Assessment Fieldwork Task 23B: RetroCoat Pilot Study Effectiveness Assessment Report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Project Management
Completed Date:	06/30/2023
Comments:	Project management activities for FY 2022/2023 completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	10/11/2021
Comments:	ERRG MSA Contract 17-T4306 A2 extended term end until October 31, 2022.
Completed Area Name:	SITES WITH NO OPERABLE UNIT

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 11/30/2021
Comments: Transmittal correspondence to Unit 006 resident about work summary report to abate fan system s noise emission. Confidential information redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Access Agreement
Completed Date: 03/17/2023
Comments: Right to Enter Agreement (Access Agreement) to install a sub-slab depressurization system at Unit 023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/07/2022
Comments: Letter distributed to Sandpiper Townhome Complex community members offering a voluntary testing of indoor air quality at residences located in the Sandpiper Townhome Complex at no cost.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 001 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 004 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 002 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 003
Completed Document Type:	Correspondence
Completed Date:	02/18/2021
Comments:	Email sent to Unit 003 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 006
Completed Document Type:	Correspondence
Completed Date:	04/08/2021
Comments:	Email sent to Unit 006 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	04/08/2021
Comments:	Email sent to Unit 007 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 002
Completed Document Type:	Correspondence
Completed Date:	01/10/2022
Comments:	DTSC correspondence contacting Unit 002 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 002 to mitigate the indoor air quality.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	01/11/2022
Comments:	The purpose of this field order is to provide funds to locate monitoring well P-3 and collect groundwater samples at this well according to Singer Friden s groundwater monitoring plan. P-3 was installed on Washington Boulevard across from Singer Friden s main access gate. ERRG staff was unable to visually locate P-3 during December 2021 groundwater sampling activities. It is believed that P-3 casing cover has been concealed with asphalt pavement material.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/20/2022
Comments:	Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	10/17/2022

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Comments: Agreement 17-T4306 amended to extend the term end date from October 31, 2022, to March 31, 2023, update the DTSC Contract Manager, and modify Exhibit D, Special Terms and Conditions. The total amount of the Agreement shall not exceed $0.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/27/2023
Comments: Contract 17-T4416 is a Regional Site Remediation Contract (RSRC) contract with Engineering/Remediation Resources Group, Inc. (ERRG) to provide remediation services. DTSC pays ERRG for their services under a Site Remediation Account (SRA) fund. Contract 17-T4416 Amendment no 3 extend Contract 17-T4416 term end from 6/30/2023 to 9/30/2024.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2023
Comments: Pre-HARP approved by the supervisor and HSP. Supervisor and HSP verified that staff are field certified and eligible to perform the planned activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/28/2022
Comments: Contract 19-T4790 Work Oder 1 Amendment 1 transfers $3,185.00 from Contract 19-T4790 contingency funding to Task 1 (Technical Consultative Services).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 03/08/2023
Comments: Correspondence to Unit 001 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 001 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 03/01/2023
Comments: Contract 17-T4416 Work Order No. 06 Field Order 003 authorizes Contractor to purchase one (1) one (1) air purifier model AllerAir AirMedic Pro 6 HD to be deployed at Unit 023. Funding for FO 3 will be transferred from 17-T4416 WO 1 Task 1 (Indoor Air Monitoring).

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 001 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 001.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 002 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2316 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SINGER FRIDEN (Continued) **S101272670**

Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Meeting
Completed Date: 07/19/2023
Comments: A public meeting was held on July 17, 2023, to discuss/update community members on environmental assessments conducted at the Sandpiper Townhome Complex in 2021/2022.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 03/31/2023
Comments: Correspondence provides explanation of Technical Assessment of Sub-Slab Depressurization System (SSDS) at Unit 023. The Technical Assessment includes a brief description of the Site background, and an evaluation of potential locations for effective operation of proposed SSDS. The Technical Assessment considered three (3) evaluation criteria to select the most feasible location for the SSDS installation at Unit 023 as follow For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/05/2023
Comments: ERRG MSA Contract 17-T4306 A4 extended term end until August 31, 2023. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/17/2022
Comments: ERRG MSA Contract 17-T4306 A3 term end extended until March 31, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 10/19/2022
Comments: Field Order No. 1 (FO 1) adds $3,629.80 to Contract 17-T4416 Work Order No. 4 Task 20a to address costs associated with one (1) additional round of soil gas sampling from SGW-36. Additional round of soil gas sampling will include collection of 3 primary and 1 duplicate soil gas samples from SGW-36. Primary soil gas samples will be collected at depths of 5, 10 and 15 feet below ground surface (bgs) and duplicate soil sample will be collected at 15 feet bgs. Soil gas samples shall be analyzed or volatile organic compounds using appropriate modified USEPA Method TO-15 SIM and helium

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according to ASTM D 1946-90.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 007 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan systems installed at Unit 007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 02/16/2023
Comments: Field Order No. 2 changes Contract 17-T4416 Work Order No. 006 Task 24a to include purchase of two (02) air purifier models AllerAir AirMedic Pro 6 HD (Air Purifier). Contractor will coordinate Air Purifiers shipping, and logistics to receive and deploy them at Singer Friden s Unit 023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 019 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 022
Completed Document Type:	Correspondence
Completed Date:	03/14/2023
Comments:	Correspondence to Unit 022 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 023
Completed Document Type:	Correspondence
Completed Date:	03/31/2023
Comments:	Correspondence to Unit 023 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 023. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	07/20/2022
Comments:	Correspondence to Unit 004 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 004.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	03/08/2023
Comments:	Correspondence to Unit 007 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 007 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	03/20/2023
Comments:	Contract 17-T4416 Work Order No. 009 authorizes Contractor to provide personnel and services to install a sub-slab depressurization system at Unit 023 located at Singer Friden site. Funding for Work Order 009 will be transferred from other Contract 17-T4416 funded tasks.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008

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Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 008 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/04/2022
Comments: Contract 17-T4416 Work Order 004 authorizes Remediation Contractor Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to implement remedial actions at the Singer Friden site to the following task activities: Task 20a: Soil Gas Sampling Fieldwork Task 20b: Soil Gas Sampling Report Task 21a: Indoor Air Sampling Work Plan Addendum Task 21b: Indoor Air Sampling Fieldwork Task 21c: Indoor Air Sampling Report Task 22a: Sewer Vapor Sampling Work Plan Addendum Task 22b: Sewer Vapor Sampling Fieldwork Task 22c: Sewer Vapor Sampling Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 016 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 016. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 015
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 015 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling

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conducted at Unit 015. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 020 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 014
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 014 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 014. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 006 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 03/20/2023
Comments: The Report describes the activities to assess the effectiveness of 2018 2019 RetroCoat pilot study as a mitigation measure to prevent vapor intrusion (VI) of volatile organic compounds (VOCs) to indoor air within Unit 009. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All

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confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 12/21/2022
Comments: Correspondence sent to Unit 006 homeowner. Confidential information redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/17/2022
Comments: The Contract 17-T4416 Work Order No. 2 Amendment No. 1 increases the funds to perform activities under Task 13 - Dual-Completion Groundwater Monitoring Well and Nested Soil Gas Monitoring Well Installation and Task 15 - Post Construction Reporting; and reconciles the funds to perform activities under Task 12 - Dual-Completion Groundwater Monitoring Well and Nested Soil Gas Monitoring Well Installation Workplan, and Task 14 - Dual-Completion Groundwater Monitoring Well Survey.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/05/2023
Comments: Contract 17-T4416 Work Order 006 (Work Order 006) authorizes Engineering/Remediation Resources Group, Inc. to provide personnel, services, materials, and equipment to implement indoor air treatment at a residence (Unit 023) located at Singer Friden site, San Leandro, California (Site). Funding for Work Order 006 will be transferred from the Contract funding account.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 01/10/2023
Comments: Field Order Number 1 (FO 1) changes Contract 17-T4416 Work Order Number 6 Task 24a to include one (1) additional round of indoor/ambient air sampling. FO 1 will allow Contractor to conduct one (1) additional round of indoor/ambient air sampling associated

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with Unit 023. The indoor/outdoor air sampling activities will be consistent with site-specific indoor air sampling work plan Indoor/outdoor air samples will be analyzed in a 5-day turnaround time (TAT), not including sample collection day.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/16/2023
Comments: Contract 17-T4416 Work Order No. 7 authorizes Contractor to provide personnel and services to implement expedite removal action to prevent significant risks or harm to human life or health at a residence (Unit 023) located at Singer Friden site. Funding for Work Order 007 will be transferred from other Contract 17-T4416 funded tasks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/29/2022
Comments: Contract 17-T4416 Work Order No. 2 Amendment No. 2 authorizes Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to provide supplementary activities to temporary assembling, managing and dismantling sound mitigation panels during installation of monitoring wells GW-5 and GW-6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/17/2022
Comments: All work under Contract No. 19-T4790 for Singer Friden site is complete.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 003 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan

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system installed at Unit 003.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 03/06/2023
Comments: Correspondence to Unit 011 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 011. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 018
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 018 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 018. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 021
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 021 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 017
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 017 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 017. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during

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groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/01/2023
Comments: The Work Order No. 1 Amendment No.1 (Work Order Amendment 1) increases the funds to perform additional services under the Tasks 1 (Technical Consultative Services) and Task 2.1 (Soil Vapor Extraction Pilot Study Workplan). The funds of $11,820.82 to support additional services request are available from the Contract 22-T5074 contingency provision. This amendment transfers $5,004.60 from contingency provision to Task 1 and $6,816.22 from contingency provision Task 2.1. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/02/2022
Comments: HARP reviewed/approved by Berkeley Branch IH and GSU Chief.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 024
Completed Document Type: Correspondence
Completed Date: 05/25/2023
Comments: Correspondence to Unit 024 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 024. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 03/08/2023
Comments: Correspondence to Unit 004 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 004 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 04/21/2023
Comments: Field Order Number 1 (FO1) changed Contract 17-T4416 Work Order Number 009 Task 27B to include supplemental fieldwork to trace and improve the sub-slab depressurization system s air flow for a given static vacuum pressure.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 07/14/2023
Comments: Correspondence to Unit 004 residence. The correspondence provides explanations of the following: * Purpose of the operation and maintenance (O&M) activities performed in April 2023 on the sub-slab depressurization system (SSDS) installed at Unit 004 * O&M recommendations and findings. * Indoor air sampling results. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 012
Completed Document Type: Technical Report
Completed Date: 04/07/2020
Comments: Unit 012 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on February 7, 2019, at Unit 012 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/10/2020

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Comments: First and Second Five-Year Review Reports Revised Update Fact Sheet provides a status of environmental cleanup efforts conducted at the former Singer Friden facility (Site) from March 2001 to May 2012. The Site is currently in the operation and maintenance phase of work, which requires DTSC to review available data every five years. The purpose of a Five-Year Review is to evaluate the implementation and performance of a remedy to determine if it is or will be protective of human health and the environment.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/08/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 004 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/02/2023
Comments: SVE Fieldwork activities completed on October 2, 2023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Technical Report
Completed Date: 12/22/2017
Comments: Certification letter summarizes construction of sub-slab depressurization system activities conducted on May 1 through May 9, 2017, with follow-up construction activities conducted on August 24 and 25, 2017, at Unit 007, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 05/18/2012
Comments: According to the data reviewed, the remedy is functioning as intended by the RAP; however, VOCs in the soil gas is not addressed with the current remedy, therefore additional assessment needs to be done to address the soil gas in the central portion of the Site. The GWTS has significantly reduced the VOC concentrations in the ground water; however the leveling off of VOC concentration trends in the past several years suggests that ground water extraction with the current system alone will take many years of operation to achieve MCLs at the Site, especially in the FGU-shallow. Enhanced in-situ bioremediation pilot studies were effective in reducing VOC concentrations in groundwater, therefore, targeted in-situ methods will be effective in reducing the areas of highest VOC concentration and monitored natural attenuation (MNA) can replace active remediation for eventual MCL attainment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2009
Comments: A total of 694,700 gallons of water was treated by the system during the discharge period from March 4, 2009, until March 27, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2009
Comments: The treatment system removed an estimated 2.091 pounds of VOCs, and discharged 2,356,500 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/12/2009
Comments: A total of 1,326,600 gallons of water was treated from January 6, 2009 to February 20, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/29/2008
Comments: Issued work order to continue operation and maintenance of the treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/31/2012
Comments: Fact Sheet of the first and second Five-Year Review Reports. The first Five-Year Review was done in June 2006 while the second Five-Year Review was done in 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 04/14/2009
Comments: Workplan for in-situ oil and naturally occurring bacteria injections approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 08/31/2010
Comments: Strong reductive dechlorination and microbial activity were present in groundwater west of the injection points.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/03/2009
Comments: In 2008, the treatment system removed an estimated 13 pounds of VOCs,

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and discharged 15,961,726 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/21/2009
Comments: NPDES application was uploaded to Geotracker.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 12/01/2008
Comments: A total of 2,184,500 gallons of water was treated from September 26, 2008 to November 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/17/2009
Comments: A total of 2,064,000 gallons of water was treated by the system during the discharge period from March 27, 2009 until April 29, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2009
Comments: A total of 2,430,100 gallons of water was treated by the system during the discharge period from April 29, 2009 until June 9, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/14/2009
Comments: A total of 335,200 gallons of water was treated from February 20, 2009 until March 4, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/07/2008
Comments: A total of 774,100 gallons of water was treated from June 2, 2008 to June 27, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2009
Comments: Tentative NPDES Permit was issued by water Board.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/08/2012
Comments:	170,700 gallons of water was processed through the remediation system during the June 2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	09/05/2012
Comments:	165,700 gallons treated this reporting period.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	02/13/2012
Comments:	Indoor air sampling will be conducted inside the pool house and outdoor air samples will be collected near the pool house and at an upgradient location.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	09/17/2013
Comments:	August 2013 report indicates system shutdown on 8/10 due to power failure, ERRG responded 8/22. 56,900 gallons were treated in August 2013. Discharge was in compliance with the NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/30/2011
Comments:	Soil Gas Work Plan to conduct soil gas sampling at 2 depths at 6 locations approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	01/27/2012
Comments:	Soil gas sampling results are significantly higher than previous sampling event. Indoor air will be tested as the next step.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/01/2011
Comments:	Soil gas field work completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/05/2012
Comments:	All fieldwork completed, site returned to previous condition.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 02/28/2014
Comments: The GWTS operated in compliance with the NPDES permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/05/2012
Comments: According to the indoor air results, the screening level cancer risks are: 2.2 x 10-6 for PCE and 4.3 x 10-6 for TCE (using the new toxicity criterion for TCE). Since vinyl chloride has been detected in soil gas, assuming vinyl chloride (VC) could be present in indoor air at its reporting limit of 0.042 ug/m3, the risk for vinyl chloride would be 1.4 x 10-6. The cumulative risk for TCE, PCE and VC is 7.9 x 10-6, still within the acceptable risk range. However, sub surface soil gas source remediation need to be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/03/2013
Comments: System is shut down due to problems with the liquid granulated carbon gauge.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/02/2013
Comments: GWTS operating at minimal flows, in compliance with NPDES permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/15/2013
Comments: 62,320 gallons of water was processed through the remediation system during the June 2013 reporting period from June 4 to June 28, 2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/19/2013
Comments: GWTS is operating in compliance with the NPDES permit. VOC concentrations remain near 100 ppb in the influent and non-detect in the effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 08/22/2013
Comments: The update to the Public Participation Plan includes responses from community members and an updated mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/15/2012
Comments: System operated as required with 146, 000 gallons treated. Effluent

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limits were met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/17/2013
Comments: The groundwater treatment system operated in compliance with the NPDES permit and treated 236,000 gallons this quarter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/09/2012
Comments: August Monthly O and M Report 113,000 gallons treated this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 10/22/2012
Comments: Soil Vapor Extraction Pilot Study Workplan describes extraction well placement and construction details. Sampling for Volatile Organic soil gas is included to prepare design of extraction system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/04/2012
Comments: 108,200 gallons of water were processed through the remediation system during the October 2012. They system was operated in compliance with the NPDES permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2012
Comments: 97,900 gallons of water was processed through the remediation system during the November 2012 reporting period. All treated water met the NPDES permit limits.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/08/2013
Comments: The groundwater treatment system was operated in compliance with the NPDES permit and met all effluent limitations. 84,100 gallons were treated in December 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/26/2013
Comments: The Groundwater Treatment system treated 64,700 gallons for the month of January 2013 and no breakthrough was observed. VVOC samples were Non-detect in the effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 04/02/2013
Comments: Groundwater Extraction system operated within normal range, 60,000 gasllons were treated in February.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/02/2013
Comments: 111,000 gallons treated this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 05/20/2013
Comments: Report documents the soil vapor extraction (SVE) pilot study conducted in November/December 2012. The purpose of the pilot study was to evaluate the effectiveness of SVE in one of the areas with the highest concentrations of chlorinated volatile organic compounds (VOCs) in soil gas; primarily, trichloroethene (TCE).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/06/2014
Comments: Soil vapor results consistent with historical values, VOCs detected TCE, PCE Vinyl Chloride and DCE. Well SVM-2A the shallow motioning well was sampled but the sample is suspect due to purging problems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/14/2014
Comments: The total volume of treated water for the first quarter 2014 was 188,400 gallons. The total volume treated since the remediation system operation began was 191,623,806 gallons. 0.09 kg VOC were removed in the first quarter 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/16/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 26,700 gallons of water was processed through the remediation system during the May 2014 reporting period from May 1, 2014 to May 30, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/16/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 43,600 gallons of water was processed through the remediation system during the June 2014 reporting period from May 30, 2014 to June 30, 2014. Discharge was in compliance with the NPDES permit.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2019
Comments: Second Semiannual 2019 Groundwater Monitoring Event occurred according to sampling schedule (every December).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2022
Comments: Groundwater sampling conducted between June 28-June 30.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/21/2020
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June 2020 sampling event. Analytical results indicate that VOC concentrations have largely stabilized or decreased over time, with occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions and (2) redistribution of the dissolved contaminant mass in saturated porous media over time. Additionally, enhanced in-situ bioremediation pilot tests conducted in the areas near to the wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 011 in September 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/21/2015
Comments: Notice for winter round of indoor air sampling at Sandpiper Condominiums.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes air samples results collect at Unit 004 in October 2019.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019

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Comments:	Air sampling report letter summarizes air samples results collect at Unit 001 in October 2019.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	10/17/2019
Comments:	According to the First Semiannual 2019 Groundwater Monitoring Report, volatile organic compound (VOC) concentrations have generally stabilized or decreased over time when compared to previous sampling events results. However, VOC concentrations have shown occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater treatment system, and (3) redistribution of dissolved contaminant mass in the saturated porous media over time.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 009
Completed Document Type:	Pilot Study/Treatability Workplan
Completed Date:	06/11/2018
Comments:	The work plan describes the permitting and utility locate activities, pilot study sampling activities, Land Science Technologies Retro-Coat application, waste management procedures, and reporting requirements.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	07/23/2019
Comments:	The Site-Specific Health and Safety Plan provides essential information about hazards associated the Site, defines protocols necessary for protecting on-site personnel from the hazards associated with soil vapor investigation activities, and establishes site safety and health policies and procedures.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/01/2019
Comments:	Work Notice informing the community about the upcoming subsurface geophysical survey (geophysical survey) and soil gas investigation that will be conducted in the Singer Friden, Sandpiper Townhome Complex. Geophysical survey and soil gas investigation activities are scheduled from August 19, 2019 to September 6, 2019 between the hours of 8:00 A.M. and 5:00 P.M., weather permitting.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	11/02/2022
Comments:	Letter report summarizes first semiannual groundwater monitoring event performed in June and July 2022 at the former Singer Friden site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June/July 2022 sampling event. Analytical results from the June/July 2022 sampling event indicate that VOC concentrations have generally stabilized or decreased over

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time. When compared to the December 2021 results, trichloroethene (TCE) concentrations decreased from 820 micrograms per liter (g/L) to 200 g/L at well EW-6 and tetrachloroethene (PCE) concentrations in GW-1a are below the detection limit for the first time since June 2011. All other VOCs at the remaining wells were generally stable relative to previous results. Generally, VOC concentrations have shown occasional increases and fluctuations due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater extraction treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 12/16/2020
Comments: Singer Friden Covid-19 Plan for SSDS O&M Plan (COVID-19 H&S Plan) provides sufficient information to meet State of California Executive Order N 33-20, Alameda County Order of the Health Officer No. 20-21 requirements and the minimum requirements listed on the DTSC COVID-19 Contractor Plan Reviews, version 1.0.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Technical Report
Completed Date: 05/09/2019
Comments: Certification letter summarizes modifications to the sub-slab depressurization system conducted in November 2018 at Unit 008, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/17/2019
Comments: The subsurface geophysical survey workplan describes activities to assess for historical subsurface features. Survey activities will be conducted at five areas across the Site. Survey activities consist of a combination of magnetometry, electromagnetic terrain conductivity, metal detector, and ground penetrating radar methods .

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Monitoring Report
Completed Date: 01/29/2019
Comments: This letter report summarizes the air sampling event performed from November 13, 2017, through December 13, 2018, at Unit 007 within the Sandpiper Townhouse Complex at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Technical Report
Completed Date: 05/09/2019
Comments: Certification letter summarizes follow-up construction of sub-slab depressurization system adjustment activities conducted on May 22 and 31, 2018; December 4, 2018; and January 7 and 8, 2019 at Unit 007, within the Sandpiper Townhome Complex.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/04/2019
Comments: Letter report summarizes operation and maintenance activities performed in November and December of 2018 on the sub-slab depressurization systems at the Former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/18/2019
Comments: October 2019 Indoor Air Quality Sampling Event completed on October 18, 2019. Thirteen samples were collected as following: * Six primary and one duplicate indoor air quality samples. * Five effluent samples. * One ambient air sample.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes air samples results collect at Unit 007 in October 2019.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Fieldwork
Completed Date: 08/21/2018
Comments: Passive indoor air sampling deployment and building survey.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/21/2018
Comments: Contract 14-T3902 AM4 - Work Order # 001 Amendment # 006 - Work Order related to implementation of Retro-Coat Pilot Study at Unit 009.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 08/15/2017
Comments: One indoor air sample were collected at Unit 002. Based on the indoor air sampling results, tetrachloroethene was found at a concentration above the residential air screening level.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 001
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	09/19/2018
Comments:	Correspondence to Unit 008 regarding 7-day passive indoor air sampling results.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 001
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	Two samples were collected from Unit 001. One sample (indoor air sample) was collected from Unit 001 bathroom. The second sample (effluent sample) was collected outside at the sub-slab depressurization system s exhaust pipe. Based on the October 2019 indoor air sampling results, none of the chemicals of concern was found at your residence indoor air with concentrations above the residential air screening level.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	03/16/2018
Comments:	Fully-executed Contract 17-T4416 between DTSC and Engineering/Remediation Resource Group, Inc. to conduct indoor air monitoring, install floor sealant and sub-slab depressurization systems, perform groundwater injection and pre- and post-injection soil gas and groundwater monitoring.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	09/27/2018
Comments:	Contract 17-T4416 Amendment 1 fully executed. The Amendment adds additional activities, including groundwater monitoring, a soil gas survey, delineation of the volatile organic compound plume using a membrane interface probe, operation and maintenance of a sub-slab depressurization system installed at individual residences at the Site, and indoor air monitoring.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/20/2020
Comments:	Correspondence provides response to a Sandpiper Townhome Complex s

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resident about environmental hazard disclosure requirements of properties located in the Sandpiper Townhome Complex. Due to confidentially, correspondence s addressee information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/29/2019
Comments: DTSC letter conveying indoor air sampling results to resident. Based on the December 2018 and historical indoor air quality testing results, the fan system has been effective in maintaining the TCE indoor air concentration in the Unit 007 below residential screening levels. PCE indoor air concentrations have been above the DTSC residential screening level; however, the fan system has been effective in keeping the exposure, risk from PCE in indoor air at Unit 007 within the acceptable cancer risk range.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/26/2019
Comments: Revised HARP reviewed by DTSC IH and approved by DTSC IH and Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/17/2020
Comments: Contract 19-T4790 with RMD. Contract scope of work consist of two tasks. Task 1 - Technical Consultative Services and Task 2 - Environmental Noise Assessment for Soil Vapor Extraction System

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/24/2019
Comments: December 22, 2017 Certification Letter will be updated with information from 2018 activities at Unit 007, including: (1) Crack sealing of exposed concrete slab within living quarters of the unit; (2) Changing out one of the two SSDS fans to a variable speed fan; (3) Installation of additional fan noise dampening materials; and (4) Post SSDS modification indoor air sample results.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 01/24/2019
Comments: February 1, 2018 Certification Letter will be updated with information from 2018 activities at Unit 008, including: (1) Changing out the SSDS fan to a variable speed fan; and (2) Post SSDS modification indoor air sample results.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 012
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: One indoor air sample was collected from Unit 012 s bathroom. Based

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on the indoor air sampling results, trichloroethene and tetrachloroethene were found at levels above the residential air screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2020
Comments: Correspondence and consent form sent to Sandpiper Townhome Complex residents offering indoor air sampling on a voluntary basis

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 06/06/2019
Comments: Hazard Appraisal and Recognition Plan Post Site Visit conducted on June 5, 2019 to verify proposed soil gas monitoring well locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/10/2018
Comments: Contract 17-T4416 Work Order No, 1 was fully executed on October 10, 2018. The Work Order directs ERRG to perform indoor air and sub-slab depressurization system effluent sampling; install floor sealant and air sealing in a residence to determine the effectiveness in reducing volatile organic compound concentrations and prepare a work documenting the work; and conduct operation and maintenance of sub-slab depressurization systems installed at individual residences; conduct semi-annual groundwater monitoring; and prepare and implement a workplan for a soil gas survey.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 05/18/2017
Comments: One indoor air sample were collected at Unit 006. Based on the indoor air sampling results, all primary VOCs (TCE, PCE and VC) were found at a concentration lower than the residential air screening level.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Activity completed on 6/30/2021.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 010
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Two indoor air samples were collected from Unit 010 bathroom. The two indoor air samples consisted of one primary and one duplicate sample. The duplicate sample was used to confirm the validity of the primary sample results. Based on the indoor air sampling results, trichloroethene was found at a concentration above the residential air screening level.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	Three samples were collected from Unit 004. Two samples (indoor air) were collected from Unit 004 s bathroom and living room. The third sample (effluent sample) was collected outside at the sub-slab depressurization system s exhaust pipe. Based on the October 2019 indoor air sampling results, vinyl chloride was the only the chemical of concern found in the residence indoor air with concentrations above the residential air screening level.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	01/23/2020
Comments:	Work Order Amendment to Engineering/Remediation Resources Group to perform building foundation inspection in up to 25 townhome units at the Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 003
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	A total of five samples were collected at Unit 0007. Two indoor air samples were collected from Unit 007 s bathroom and kitchen. Two effluent samples were collected at Unit 007 s fan system s exhaust pipes along the rear southwestern exterior wall of your home, and the northeastern wall of your home s garage. One ambient air sample was collected at Unit 007 s back yard. Based on the October 2019 indoor air sampling results, the only chemical of concern found at Unit 007 with concentrations above the residential air screening level (0.46 micrograms per cubic meter [g/m3]) was tetrachloroethene.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 013
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	One indoor air sample was collected from Unit 013 s bathroom. Based on the indoor air sampling results, none of the primary chemicals of concern (trichloroethene, tetrachloroethene and vinyl chloride) was found at your residence s indoor air above the residential air screening level.
Completed Area Name:	SITES WITH NO OPERABLE UNIT

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Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Pilot Study involved collection soil vapor, sub-slab vapor and indoor air samples before and after the application of Land Science Technologies Retro-Coat on the exposed concrete slab foundation of Unit 009.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 08/15/2017
Comments: Two indoor samples were collected at Unit 009. One indoor air sample was collected when the residence was unoccupied and HVAC off, and the second sample was collected under normal occupancy and HVAC on. Under normal occupancy and HVAC operation, all primary VOCs were below DTSC's health-based screening levels. The results while the house was unoccupied and HVAC off (i.e. no air exchange) do not indicate a need for an active vapor mitigation system

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 09/06/2017
Comments: One indoor air sample were collected at Unit 006. Based on the indoor air sampling results, tetrachloroethene was found at a concentration above the residential air screening level.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 08/27/2020
Comments: The purpose of this field order is to repair the former groundwater extraction treatment system (GWETS) well-vaults.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/09/2020
Comments: Contract 19-T4790 Work Order # 1 with RMD. Work Order #1 scope of work consists of (i) Review, analyze, and comment on existing data. (ii) Evaluate environmental noise emission from proposed Soil Vapor Extraction (SVE) system; and (iii) Propose environmental noise emission reduction measures for SVE systems to be installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 07/25/2019
Comments: Field Order No 1 includes maintenance and noise dampening to be conducted at the former groundwater extraction treatment system vaults that are still in place at the Singer Friden site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 05/29/2020

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Comments:	Unit 011 Building Foundation Inspection Report Cover letter. Confidential information redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 012
Completed Document Type:	Correspondence
Completed Date:	05/29/2020
Comments:	Unit 012 Building Foundation Inspection Report Cover letter. Confidential information redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	07/11/2019
Comments:	Correspondence sent to Unit 004 home owner. Confidential information redacted and attachments not included.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 006
Completed Document Type:	Correspondence
Completed Date:	07/11/2019
Comments:	Correspondence sent to Unit 006 home owner. Confidential information redacted and attachments not included.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	10/12/2020
Comments:	Contract 17-T4306 A1 extended until October 31, 2021
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	02/10/2020
Comments:	Hazard Appraisal and Recognition Plan Post Site Visit conducted on February 7, 2020 at two residential units (Units 011 and 012).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	09/11/2019
Comments:	The purpose of Field Order 2 is to clean underground utility paint markings using a hot-water pressure washer. Spray paint with black and/or gray hue (spray-paint) may be applied over paint markings, if necessary, if cleaning was unsuccessful using the hot-water pressure washer.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	01/10/2022
Comments:	DTSC correspondence contacting Unit 008 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 008 to mitigate the indoor air quality.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011

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Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Two indoor air samples were collected from Unit 011 s bathroom. The two indoor air samples consisted of one primary and one duplicate sample. The duplicate sample was used to confirm the validity of the primary sample results. Based on the indoor air sampling results, trichloroethene was found at a concentration above the residential air screening level.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 07/07/2021
Comments: Email sent to Unit 006 property owner informing about proposed maintenances of a sub-slab depressurization system (Fan System) installed at the property to improve indoor air quality. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/01/2018
Comments: Contract 14-T3902 expired on September 30, 2018. DTSC issued a stop work letter for Engineering/Remediation Resources Group, Inc. to immediately cease all work under the this contract and to submit a final invoice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 08/29/2019
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 001 homeowner to schedule annual inspection of the fan system (sub-slab depressurization system) installed outside Unit 001 to mitigate the indoor air quality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 003 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 003 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/19/2022
Comments: RMD Environmental Solutions, Inc. (Contractor) agreed to enter into a Contract (Contract 22-T5074) with the Department of Toxic Substances Control (DTSC) to provide personnel, services, materials, and equipment that are needed to conduct technical consultative services

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at the Singer Friden site. Services requested under this contract are the following: Task 1 Technical Consultative Services Task 2 Soil Vapor Extraction Pilot Study Workplan, Fieldwork and Reporting Task 3 - Soil Vapor Extraction System Environmental Noise Assessment Task 4 Human Health Risk Assessment Task 5 - Remedial Investigation/Feasibility Study Report Task 6 - Remedial Action Plan Amendment Task 7 - Public Outreach Support Service Contract 22-T5074 is effective from 10/19/2022 through 12/31/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/20/2020
Comments: Contract 17-T4416 Work Order No. 2 with ERRG. Work Order No. 2 scope of work consists of: i) Dual-completion groundwater monitoring well and nested soil gas monitoring well installation workplan. ii) Installation of three dual-completion groundwater monitoring wells and one nested soil gas monitoring well. iii) Survey of installed dual-completion groundwater monitoring wells. iv) Post-construction reporting.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/06/2019
Comments: Work Order Amendment to Engineering/Remediation Resources Group for geophysical survey of four limited areas. The combined geophysical survey areas are approximately 21,600 square feet.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 007 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 008 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 006 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/24/2022
Comments: Work Notice informs Sandpiper Townhome Community about installation of three (3) groundwater monitoring wells and one (1) soil gas monitoring well at the Site for future sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2023
Comments: Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2022 sampling event. Analytical results from December 2022 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. Review of groundwater elevation and potentiometric surface data of dual-nested groundwater monitoring wells at GW-5 and GW-6, which penetrate the two upper water-bearing zones, both show downward vertical gradients between the two upper water-bearing zones. Observed groundwater elevations and inferred potentiometric surface data of the four water-bearing zones and Shallow Regional Aquitard are included in the semiannual groundwater monitoring report.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/24/2021
Comments: 2021 Work Summary Report for Unit 006 at the Sandpiper Townhouse Complex report (Report) presents a summary of work conducted at Unit 006 during the two site visits in July and August 2021. The purpose of the work was to address the excessive noise generated by the fan system installed at Unit 006 to mitigate vapor intrusion from soil gas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Manual
Completed Date: 08/01/2001
Comments: Operations and Maintenance Manual for groundwater extraction and treatment system completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/02/2008
Comments: This pilot test indicates that biostimulation through emulsified oil injections and bioaugmentation with Dehalococcoides ethenogenes culture KB-1TM can be an effective remedy for the reduction of VOCs at the Site. The pilot test results also suggest that biostimulation can be implemented at the Site without significantly increasing risks associated with VOC vapor intrusion.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/02/2006

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Comments:	109,800 gallons of water was treated from November 31, 2005 to January 4, 2006
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/27/1996
Comments:	During installation of the extraction and treatment system conveyance piping in December 1995, potentially contaminated soil was encountered adjacent to the excavation for the vault box in the intersection of Heathrow Place and Cornwall Way. During this removal action, 25 cubic yards of soil was removed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Design - Preliminary/Intermediate
Completed Date:	02/28/1996
Comments:	5 extraction and 1 monitoring wells were installed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Well Completion Report
Completed Date:	02/28/1996
Comments:	1 intermediate and 3 deep monitoring wells were installed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/28/1996
Comments:	Conducted a step drawdown and constant discharge aquifer tests at extraction well EW-3.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/06/2007
Comments:	Injection of vegetable oil completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/01/2007
Comments:	The treatment system removed an estimated 4.9 pounds of VOCs, and discharged 4,687,800 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	09/01/1990
Comments:	Fact Sheet announcing upcoming soil testing.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/12/2007
Comments:	A total of 1,512,300 gallons of water was treated from April 30, 2007

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to May 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/16/2006
Comments: Contract Master Service Agreement with Engineering Remediation Resources Group

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/16/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/30/2007
Comments: The plan covers a proposed in-situ treatment process to address TCE contamination. This is only a pilot study at this time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/01/1991
Comments: The fact sheet presents results of soil, groundwater and soil gas investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2006
Comments: The treatment system removed an estimated 3.26 pounds of VOCs, and discharged 3,006,500 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/15/2007
Comments: The treatment system removed an estimated 13 pounds of VOCs, and discharged 12,273,600 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/27/2006
Comments: 450,100 gallons of water was treated during July 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/15/2007
Comments: A total of 1,514,300 gallons of water was treated from November 29,

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2006. to December 28, 2006. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/20/2005
Comments: 786,872 gallons of water was treated during September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/22/2006
Comments: 274,700 gallons of water was treated during January 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2008
Comments: A total of 1,057,600 gallons of water was treated from November 2, 2007 to December 3, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2008
Comments: A total of 2,011,500 gallons of water was treated from December 4, 2007 to December 31, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2006
Comments: Lease Extension Executed until February 28, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/04/2007
Comments: A total of 1,407,700 gallons of water was treated from October 2, 2007 to November 2, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/04/2007
Comments: A total of 929,500 gallons of water was treated from August 3, 2007 to September 4, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/18/2007

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Comments: Contract with Engineering Remediation Resources Group to repave the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/03/2008
Comments: A total of 2,552,900 gallons of water was treated from January 1, 2008 to February 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/05/2008
Comments: The treatment system removed an estimated 4.5 pounds of VOCs, and discharged 5,323,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/12/2008
Comments: The treatment system removed an estimated 1.74 pounds of VOCs, and discharged 1,896,126 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/20/2008
Comments: The treatment system removed an estimated 3.21 pounds of VOCs, and discharged 3,391,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/22/2008
Comments: A total of 1,095,700 gallons of water was treated from February 5, 2008 to February 28, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/02/2008
Comments: A total of 1,675,200 gallons of water was treated from March 1, 2008 to March 31, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/07/2007
Comments: A total of 545,000 gallons of water was treated from September 5, 2007 to October 1, 2007. Implementation of follow-up actions based on

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the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/07/2007
Comments: The treatment system removed an estimated 5.56 pounds of VOCs, and discharged 3,347,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/30/2008
Comments: A total of 312,580 gallons of water was treated from March 31, 2008 to April 28, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/03/2008
Comments: A total of 1,087,700 gallons of water was treated from June 27, 2008 to August 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/30/2008
Comments: A total of 1,116,800 gallons of water was treated from August 4, 2008 to September 9, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/10/2007
Comments: A total of 1,038,400 gallons of water was treated from May 31, 2007 to June 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/04/2007
Comments: A total of 1,872,800 gallons of water was treated from June 20, 2007 to August 3, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2008
Comments: A total of 1,186,800 gallons of water was treated from September 9, 2008 to September 26, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/05/2009
Comments: A total of 1,406,000 gallons of water was treated from November 4, 2008 until November 26, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/07/2008
Comments: A total of 809,446 gallons of water was treated from April 28, 2008 to June 2, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/26/2009
Comments: A total of 1,760,000 gallons of water was treated from November 26, 2008, until January 6, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2008
Comments: In 2007, the treatment system removed an estimated 18 pounds of VOCs, and discharged 17,069,400 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/06/2007
Comments: A total of 2,006,300 gallons of water was treated from March 30, 2007 and April 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/03/2008
Comments: CFA approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/15/2019
Comments: Letter report summarizes the 2018 fourth quarter groundwater monitoring data collected at the former Singer-Friden Facility (site). Primary chemicals of concern (COCs) concentrations and other volatile organic compounds reported during previous sampling events were compared with concentrations reported during the November 2018

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sampling event. As there was a 3-year gap between groundwater monitoring events of 2015 and 2018, additional groundwater monitoring events are needed to establish trends in primary COC concentrations within the appropriate statistical confidence levels for the wells screened in the site s hydrogeological units.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2010
Comments: A total of 3,177,300 gallons of water was treated by the system during the discharge period from May 25,2010 to June 29, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/03/2010
Comments: A total of 1,940,600 gallons of water was treated by the system during the discharge period from June 29, 2010 to July 27, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2010
Comments: A total of 3,290,500 gallons of water was treated by the system during the discharge period from July 27, 2010 to August 31, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2010
Comments: A total of 2,376,200 gallons of water was treated by the system during the discharge period from August 31, 2010 to September 28, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/24/2010
Comments: A total of 2,086,500 gallons of water was treated by the system during the discharge period from October 26, 2010, to November 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/07/2010
Comments: A total of 2,544,300 gallons of water was treated by the system during the discharge period from September 28, 2010, to October 26, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/08/2011

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Comments:	A total of 1,388,600 gallons of water was treated by the system during the discharge period from November 30, 2010 to January 3, 2011. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/30/2011
Comments:	Injections completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/16/2012
Comments:	The total volume of treated water for the fourth quarter 2011 and during 2011 was 3,258,400 gallons and 13,379,400 gallons, respectively.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/24/2012
Comments:	The total volume of treated water for the first quarter 2011 was 1,947,400 gallons.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/16/2012
Comments:	2nd Quarter 2012 NPDES and GWM Reports
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	11/19/2012
Comments:	The Groundwater extraction system operated in compliance with the NPDES permit and treated 146,000 gallons of groundwater this quarter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/11/2013
Comments:	The groundwater extraction treatment system operated in compliance with the NPDES discharge permit. The total volume treated in the fourth quarter was 290,200 gallons, removing 0.103 kilograms of VOC's. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	03/19/2012
Comments:	The effectiveness of the 3DMe injection pilot study and the extent and concentration of the contaminant plume near extraction wells EW-6 and EW-8 were evaluated over two post-injection quarterly groundwater monitoring events. Multiple lines of evidence of improved anaerobic or reducing conditions and degradation of chlorinated VOCs were noted. Continued groundwater monitoring will be required to assess

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ongoing performance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/24/2012
Comments: A total of 658,700 gallons of water was treated by the groundwater treatment system during the discharge period from February 27, 2012, to March 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/27/2012
Comments: A total of 1,050,600 gallons of water was treated by the groundwater treatment system during the discharge period from November 29, 2011 to January 3, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/09/2011
Comments: No volatile organic compounds were detected in any of the 4 deep wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2012
Comments: A total of 691,300 gallons of water was treated by the groundwater treatment system during the discharge period from January 31, 2012, to February 27, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/26/2012
Comments: A total of 747,100 gallons of water was treated by the groundwater treatment system during the discharge period from March 30, 2012, to May 1, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/13/2011
Comments: Workplan to conduct in-situ injections at 2 locations approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/15/2011
Comments: The total volume of treated water for the third quarter 2011 was 3,108,900 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

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Completed Date: 06/13/2011
Comments: Work Notice for In-situ injections at two locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/07/2011
Comments: A total of 1,300,200 gallons of water was treated by the system during the discharge period from June 30, 2011 to August 2, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/31/2011
Comments: A total of 1,032,000 gallons of water was treated by the system during the discharge period from August 2, 2011 to August 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/09/2011
Comments: A total of 776,700 gallons of water was treated by the system during the discharge period from August 31, 2011 to October 3, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2011
Comments: A total of 1,082,100 gallons of water was treated by the groundwater treatment system during the discharge period from October 3, 2011 to October 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/27/2012
Comments: A total of 1,125,700 gallons of water was treated by the groundwater treatment system during the discharge period from October 31, 2011 to November 29, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2012
Comments: A total of 597,400 gallons of water was treated by the groundwater treatment system during the discharge period from January 3, 2012 to January 31, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2012
Comments: A total of 197,500 gallons of water was treated by the groundwater treatment system during the discharge period from May 1, 2012, to June 1, 2012.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/06/2009
Comments: The treatment system removed an estimated 3.57 pounds of VOCs, and discharged 5,373,100 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2010
Comments: A total of 1,828,900 gallons of water was treated by the system during the discharge period from May 4, 2010 to May 25,2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/06/2009
Comments: In-situ injections of emulsified oil and bacteria completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/04/2009
Comments: A total of 879,000 gallons of water was treated by the system during the discharge period from June 9, 2009 until June 22, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/04/2009
Comments: A total of 1,925,500 gallons of water was treated by the system during the discharge period from August 31, 2009 until September 29, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2010
Comments: A total of 934,700 gallons of water was treated by the system during the discharge period from January 5, 2010 and February 2, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/14/2018
Comments: The 2018 groundwater monitoring event was completed. The depth to groundwater was measured in 20 monitoring wells. Groundwater samples were collected from the 20 monitoring wells and 9 former extraction wells using passive diffusion bags. Volatile organic compound (VOC)

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concentrations reported during past groundwater sampling events were compared to those detected during the 2018 event. The comparison indicated that VOC concentrations have generally stabilized or decreased; however, VOC concentrations in may of the Site wells have fluctuated over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 01/27/2020
Comments: Third Five-Year Review (FYR) Report consisted of a review of relevant documents, including operation and maintenance records, pilot study reports and monitoring data from June 2012 to July 2018. From June 2013 to June 2015, the groundwater sampling frequency changed from quarterly to a semi-annual basis. Seventeen wells were sampled in the spring of each year and 21 wells in the fall. After June 2015, groundwater monitoring did not resume until the groundwater monitoring event in May 2018. Third FYR Report recommended the following: i) Conduct an additional soil gas survey at the Site. ii) Prepare an amendment to 1996 RAP to: (a) change the selected groundwater remedy for the Site from groundwater extraction and treatment to enhanced in-situ bioremediation; and (b) add soil vapor extraction (SVE) and treatment as part of the remedy to address volatile organic compounds (VOC)-impacted soil gas. iii) Install an SVE system to extract soil gas from portions of the Site where soil gas surveys reported soil gas concentrations above federal and state screening levels. iv) Conduct groundwater sampling in the Site s monitoring well network on a semi-annual basis. v) Implement enhanced in-situ bioremediation at hot spots areas of the VOC-impacted groundwater plume and at areas downgradient of the hot spots areas. vi) Implement an expanded groundwater sampling protocol as needed to monitor enhanced in-situ bioremediation effectiveness. vii) Conduct groundwater monitoring in the intermediate (INZ-1, INZ-2 and INZ-3) and deep (DW-1, DW-2 and DW-3) zone aquifers on a semi-annual basis. viii) Conduct groundwater sampling in drinking water wells in areas immediately downgradient and adjacent to the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Fieldwork
Completed Date: 06/04/2018
Comments: Indoor air sampling completed in unit prior to proceeding with Retro Coat pilot study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/12/2018
Comments: Groundwater monitoring had not been performed at the Site since 2015. Comparison of results from the second quarter 2018 groundwater monitoring event with historical data show that the volatile organic compounds (VOC) tetrachloroethene, trichloroethene and vinyl chloride have remained undetectable (< 0.5 micrograms per liter) in samples collected from the deep and intermediate zone aquifer, while results from the shallow aquifer show that the concentrations of these VOCs have stabilized, decreased or increased over time. The reasons for this different behavior in the shallow aquifer are likely phenomena

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associated with historical in-situ remediation efforts implemented at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Technical Report
Completed Date: 08/15/2023
Comments: The Unit 016 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on June 29, 2023, at Unit 016 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/11/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in April and July of 2023 on the sub-slab depressurization system (SSDS) installed at Unit 007 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/29/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 024
Completed Document Type: Monitoring Report
Completed Date: 05/25/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air sampling results and findings of sampling activities conducted at Unit 024 on April 25 and 26, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Technical Report
Completed Date: 07/20/2023
Comments: The Unit 019 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on June 1, 2023, at Unit 019 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 06/28/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 on June 12 and 13, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 006 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/12/2024
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/06/2024
Comments: This Work Notice informs the Sandpiper Townhome Community about installation of up to twenty (20)) soil gas monitoring probes for future sampling at the Singer Friden Cleanup Site. Work will take place between May 13-31, 2024, from 08:00AM -05:00PM weather permitting.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Technical Report
Completed Date: 12/19/2023
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Interim Measures Workplan
Completed Date: 09/28/2023
Comments: Vapor Intrusion Barrier Coating Material Application and Associated Sample Collection Activities Work Plan (Work Plan) describes Land Science Technologies' Retro-Coat (Retro-Coat) application, Retro-Coat effectiveness assessment activities, waste management procedures, and reporting. Application of vapor intrusion barrier (Retro-Coat) coating material is being proposed as an alternative mitigation measure with the objective of preventing sub-slab soil gas vapors from migrating to indoor air, in the Unit 007 residence living area,

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via preferential pathways in the on-grade building foundation concrete slab. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC installing mitigation measures, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/17/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 001 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Technical Report
Completed Date: 11/21/2023
Comments: The Sub-Slab Depressurization System Installation Summary and Certification Letter (Report) summarizes the construction of sub-slab depressurization system activities conducted from April 10, 2023, through April 18, 2023, and April 24, 2023, at Unit 023, within the Sandpiper Townhome Complex. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples and installation of sub-slab depressurization system(s), are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Monitoring Report
Completed Date: 04/18/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/19/2023
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Fieldwork
Completed Date: 11/14/2023
Comments: Fieldwork notes prepared by Geological Branch Service staff documenting field oversight of activities described in Unit 007 Vapor Barrier Coating Material Application Work Plan, dated September 2023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/15/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in September 2023 on the sub-slab depressurization system

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(SSDS) installed at Unit 023 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 06/09/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 on May 8 and 9, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 11/16/2022
Comments: The dual-nested groundwater monitoring wells (GW) GW-6A/ GW-6B and GW-5A/GW-5B installed on June 9th and 10th, 2022; and June 16th, 2022, respectively. The dual-nested GWs consist of 2-inch-diameter schedule 40 polyvinyl chloride (PVC) casing with 0.010 machine-slotted well screen. Each well had a 1-foot silt trap (sump) consisting of blank casing with a bottom plug installed below the screened interval. Shallow wells were noted as A, and deeper wells were noted as B for each borehole. Fifteen-foot screen intervals were set in wells GW-5A and GW-6A, and 10-foot screen intervals were set in wells GW-5B and GW-6B One triple-nested soil gas monitoring well, SGW-36, installed on June 17, 2022, as a temporary soil gas monitoring well according with three well tips located at 5, 10, and 15 feet below ground surface (bgs). The three well tips were color coded as follows: 15 blue, 10 green, and 5 red. Each soil gas monitoring well probe consists of a stainless-steel well tip attached to the end of 0.25-inch-diameter Teflon tubing placed in the center of a 2-foot-thick sand pack. Future soil gas sampling conducted at SGW-36 shall include Helium as a quantitative tracer testing and shall be performed by shrouding to confirm its functionality. If Helium is detected above the maximum allowed concentration (5 %) during a quantitative tracer testing, SGW-36 will be elected to be decommissioned.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/08/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 001 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/25/2023
Comments: The Soil Vapor Extraction Pilot Test Work Plan (Work Plan) describes the purpose, parameters, and schedule of a soil vapor extraction (SVE) pilot test to evaluate SVE as a viable remedial action technology to address volatile organic compounds (VOCs) in soil gas at the Singer Friden site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Monitoring Report
Completed Date: 03/06/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 011. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Technical Report
Completed Date: 01/19/2017
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from October 2016 through November 2016 at Unit 004, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2022
Comments: Sitewide environmental media sampling (soil gas, sewer vapor, sub-slab soil gas, indoor air, outdoor air, and groundwater) started on October 10, 2022, and was completed on October 28, 2022. Indoor air samples were collected at 11 of 15 residences that consented to sampling: 36 soil gas monitoring wells and 18 sewer manhole/cleanouts were sampled

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 08/14/2014
Comments: Contract signed for ERRG to develop a demolition plan for the GWTS in case the property owner gives a 30 day vacate notice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2014
Comments: Letter to Homeowners sent out requesting volunteers for indoor air sampling along with information fact sheets.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

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Completed Date: 07/25/2014
Comments: Contract Fiscal Approval (CFA) of Contract 13-T3826 for preparation of a workplan to demolish the groundwater extraction treatment system. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/16/2014
Comments: Contract to conduct indoor air sampling fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/07/2014
Comments: Work Order to continue Operation and Maintenance on the Groundwater Treatment System.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/06/2014
Comments: Work order authorizes continued operation of the groundwater extraction treatment system, groundwater monitoring, soil vapor monitoring, sub-slab installations at the Singer site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/07/2015
Comments: All tasks are complete under this contract.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/21/2015
Comments: Amendment to add 6 additional sub-slab systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/29/2015
Comments: Contract amendment for the installation of 6 sub-slab systems. Locations are to be determined.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/07/2015
Comments: Work order amended to add winter sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/30/2014
Comments: PRE-HARP signed.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/29/2015
Comments: Contract 14-T3902 WO 01 A1 to authorize operation and maintenance of Groundwater Extraction Treatment System (GWTS), Soil Vapor Extraction (SVE) and sub-slab system installation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/30/2015
Comments: Work order amendment to authorize installation of variable speed fan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/04/2014
Comments: Contract 14-T3902 authorizes activities required to operate and maintain the groundwater extraction treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/05/2015
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3902 A2 adds fund for (i) operation and maintenance of the groundwater extraction treatment system (GWTS), demolition of GWTS and installation of additional sub-slab depressurization systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 07/25/2014
Comments: Contract Fiscal Approval (CFA) of Contract 13-T3826 for demolishing the groundwater extraction treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/03/2015
Comments: Contract 14-T3902 A2 authorizes activities required for (i) operation and maintenance of the groundwater extraction treatment system (GWTS), demolition of GWTS and installation of additional sub-slab depressurization systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/16/2015
Comments: Work order amendment to include certification of installation for sub-slab systems.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Technical Report
Completed Date: 03/29/2017

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Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from December 2016 through January 2017 at Unit 006, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2022
Comments: Sub-slab depressurization system (SSDS) operation maintenance (O&M) was conducted at four (4) of seven (7) units (residences) where SDSSs are installed. O&M activities were not conducted at units where either property owners indicated that they would not be available in October 2022 or did not respond to DTSC solicitation to access their properties. DTSC will conduct the annual O&M of installed SSDSs in January 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/23/2023
Comments: Community Update informed Sandpiper Townhome Complex (Sandpiper) residents of a virtual Community Meeting to be held on July 19, 2023. The purpose of the Community Meeting is to inform Sandpiper s residents about the results of environmental investigations conducted in 2021, 2022 and plans for future environmental investigations at the Sandpiper.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Technical Report
Completed Date: 03/20/2023
Comments: The Report describes the activities to assess the effectiveness of 2018 2019 RetroCoat pilot study as a mitigation measure to prevent vapor intrusion (VI) of volatile organic compounds (VOCs) to indoor air within Unit 009. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/24/2023
Comments: Sewer Vapor Investigation Report summarizes results and findings of a soil gas monitoring event performed in October 2022. Sewer vapor samples were collected from fifteen (15) manholes and three (3) sewer cleanouts located at Singer Friden site (Site). Sewer vapor samples were collected as grab samples by drawing sewer vapor into evacuated Summa canisters from each of the manholes and cleanouts. Sewer vapor samples reported presence of Site s primary chemical of concerns, trichloroethene, tetrachloroethene, cis-1,2-dichloroethene and vinyl chloride.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

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Completed Date:	03/21/2023
Comments:	Soil Gas Monitoring Report summarizes results and findings of a soil gas monitoring event performed in October 2022. Soil gas samples were collected from triple-nested soil gas wells (SGW) at depths of 5, 10, and 15 feet below grade surface (bgs) at seven (7) SGW locations, and at 5 and 15 feet bgs at 29 SGW locations. The most prevalent detected volatile organic compounds (VOCs) were tetrachloroethene (PCE) and trichloroethene (TCE). PCE was detected in all 90 samples. PCE results for all 90 samples exceeded the screening level of 15.33 micrograms per cubic meter (μg/m3), with concentrations ranging from 43 g/m3 at well SGW-35-15 to 76,000 μg/m3 at well SGW-17-15. TCE was detected in 81 of 90 samples. TCE results for 69 samples exceeded the screening level of 16 μg/m3, with concentrations ranging from 2.7 μg/m3 at well SGW-35-5 to 14,000 μg/m3 at well SGW-22-15.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	02/13/2024
Comments:	The Active/Passive Soil Gas Investigation Work Plan describes the purpose, procedures, and schedule for active and passive soil gas sampling events at onsite and offsite locations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/07/2023
Comments:	Work Notice distributed to local community to provide information about a soil vapor pilot test that will be conducted at the Singer Friden site. Work Notice distributed to 315 USPS mailing addresses.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011
Completed Document Type:	Monitoring Report
Completed Date:	02/22/2024
Comments:	Not reported
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 009
Completed Document Type:	Technical Report
Completed Date:	06/17/2024
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/25/2023
Comments:	Fieldwork notes of GSU staff of oversight activities conducted on 9/27/2023 and 9/28/2023
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	11/27/2023
Comments:	The Environmental Noise Assessment Report (Report) presents an acoustical evaluation of the background noise in the Sandpiper

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Townhome Complex property, and predictions of the expected level of noise to be produced by the Soil Vapor Extraction (SVE) device and by the generator needed to power it.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Monitoring Report
Completed Date: 09/14/2023
Comments: The Indoor Air Sampling Monitoring Letter Report (Report) documents the indoor/ambient air samples results and findings of sampling activities conducted at Unit 025 on August 9 and 10, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Technical Report
Completed Date: 11/03/2023
Comments: The Unit 020 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on August 30, 2023, at Unit 020 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC accessing their properties to conduct environmental investigation are referred to as Units in the Reports. All confidential information, if applicable, has been redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Technical Report
Completed Date: 03/31/2023
Comments: The Technical Assessment evaluates a sub-slab depressurization system (SSDS) at a residential Unit 023 within the Singer Friden site. The Technical Assessment includes a brief description of the Site background, and an evaluation of potential locations for effective operation of proposed SSDS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/28/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 03/31/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 from October 11, 2022, to March 9, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/23/2018
Comments: Work Order issued for semiannual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 06/18/2019
Comments: The Native American Heritage Commission conducted a search of the Sacred Land File with negative results for the area of the Singer Friden Site in San Leandro (Site). Letters were mailed to the seven Tribal contacts identified and included two maps locating the Site as attachments. The DTSC Office of Environmental Equity (OEE) received no requests for consultation regarding this Site. Thus, DTSC OEE considered he Tribal outreach and engagement completed and approved proceeding with the planned site investigation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 005
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2019
Comments: Post card inviting local residents to participate in an Open House event. During this event DTSC will provide results of an indoor air monitoring survey conducted at their homes and explain the performance of the sub slab depressurization systems installed in homes.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/2018

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Comments:	Dundee Homeowners Association approval for DTSC to install remediation systems at residences within the Sandpiper Condominium Complex
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/01/2005
Comments:	1,815,700 gallons of water was treated during May 2005.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/01/2005
Comments:	The treatment system removed an estimated 6.97 pounds of VOCs, and discharged 5,742,300 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	09/01/1993
Comments:	The Fact sheet announced 30 day comment period for Engineering Evaluation and Cost analysis Report and negative declaration which includes a proposed pump and treat system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/03/2006
Comments:	1,210,300 gallons of water was treated during February 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	12/04/2006
Comments:	A total of 263,100 gallons of water was extracted and treated in October 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	10/20/2005
Comments:	The treatment system removed an estimated 3.84 pounds of VOCs, and discharged 2,951,161 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	02/02/2006
Comments:	The treatment system removed an estimated 19.01 pounds of VOCs, and discharged 15,346,500 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2005
Comments: 298,480 gallons of water was treated during October 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/03/2006
Comments: 53,900 gallons of water was treated during November 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2006
Comments: Total volume water treated during the first quarter was 2.8 million gallons. Estimated volatile organic compound (VOC) removal was 3.2 pounds.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/08/2006
Comments: The treatment system removed an estimated 4.04 pounds of VOCs, and discharged 4,527,200 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/30/2005
Comments: 2,050,800 gallons of water was treated during May 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/03/2009
Comments: Received the Notice of General Permit Coverage for Discharge from Water Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/11/2005
Comments: 902,589 gallons of water treated in August 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/19/2007
Comments: The treatment system removed an estimated 3.55 pounds of VOCs, and discharged 4,557,000 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/01/1991

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Comments: Public Participation Plan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/22/2007
Comments: A total of 1,163,000 gallons of water was treated fromDecember 28, 2006 to January 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2007
Comments: A total of 1,144,000 gallons of water was treated from January 31, 2007 to February 28, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/2006
Comments: Contract Master Service Agreement with Weiss Associates

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/01/2007
Comments: A total of 2,380,800 gallons of water was treated from February 28, 2007 to March 26, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/02/2009
Comments: A total of 1,448,300 gallons of water was treated by the system during the discharge period from September 29, 2009 to October 27, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2010
Comments: A total of 2,236,000 gallons of water was treated by the system during the discharge period from February 2, 2010, to March 2, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/03/2010
Comments: A total of 2,217,400 gallons of water was treated by the system during the discharge period from March 2, 2010 to March 30, 2010. Implementation of follow-up actions based on the recommendations of

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the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2010
Comments: A total of 2,919,500 gallons of water was treated by the system during the discharge period from March 30, 2010 to May 4, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/18/2010
Comments: The treatment system removed an estimated 15.66 pounds of VOCs, and discharged 17,225,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/04/2009
Comments: The treatment system removed an estimated 5.99 pounds of VOCs, and discharged 7,256,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/31/2009
Comments: A total of 238,600 gallons of water was treated by the system during the discharge period from October 27, 2009 to December 2, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/18/2010
Comments: A total of 552,000 gallons of water was treated by the system during the discharge period from December 2, 2009 to January 5, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2010
Comments: The treatment system removed an estimated 5.6 lbs pounds of VOCs, and discharged 7,925,700 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/02/2010

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Comments: The treatment system removed an estimated 4 pounds of VOCs, and discharged 5,388,100 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/08/2009
Comments: A total of 2,691,500 gallons of water was treated by the system during the discharge period from June 22, 2009 until July 28, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/12/2009
Comments: A total of 2,609,800 gallons of water was treated by the system during the discharge period from July 28, 2009 until August 31, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/14/2009
Comments: 2 wells on 2450 Washington Avenue was abandoned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2009
Comments: Final NPDES Permit issued by Water Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2010
Comments: The treatment system removed an estimated 5.8 lbs pounds of VOCs, and discharged 7,607,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/15/2011
Comments: The total volume of treated water for the fourth quarter 2010 and during 2010 was 6,019,400 gallons and 26,940,500 gallons, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/07/2011
Comments: The total volume of treated water for the first quarter 2011 was 3,122,200 gallons.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/16/2011
Comments: The total volume of treated water for the second quarter 2011 was 3,889,900 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 07/19/2010
Comments: Addendum to O & M plan approved based on 5 year review recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 02/25/2020
Comments: Soil gas analytical results for the 70 soil gas samples collected from the 35 nested soil gas monitoring wells installed for this project indicate widespread detections of trichloroethene (TCE) and tetrachloroethene (PCE) across the Site on both investigated depths, 5 and 15 feet below ground surface. The potential indoor air concentrations resulting from measured soil gas concentrations were calculated by considering a generic attenuation factor of 0.03. The results indicate that predicted indoor air concentrations of PCE and TCE may exceed the residential air screening levels in the vicinity of most of the soil gas monitoring wells. The risks of volatile organic compounds vapor intrusion (VI) into nearby buildings may also be augmented by the presence of preferential VI pathways such as subsurface utility corridors and cracks in concrete building foundations. These results indicate that further investigation of site conditions is warranted to further evaluate potential risks to human health at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/03/2013
Comments: Technical Memorandum summarizes the August 2013 soil vapor well sampling event at the Site. The work was conducted under Work Order No. 001 of Contract No. 09-T9128 A3. Soil vapor data continues to show trichloroethene concentrations up to 200 micrograms per liter in the investigated soil vapor monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/08/2011
Comments: A total of 690,200 gallons of water was treated by the system during the discharge period from January 3, 2011, to February 1, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/25/2011
Comments: A total of 1,061,600 gallons of water was treated by the system

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during the discharge period from February 1, 2011 to March 1, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/28/2011
Comments: A total of 1,370,400 gallons of water was treated by the system during the discharge period from March 1, 2011 to April 1, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2011
Comments: A total of 1,438,100 gallons of water was treated by the system during the discharge period from April 1, 2011 to May 3, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/30/2019
Comments: The Soil Gas Investigation Workplan provides the means and methods to conduct a soil gas investigation for volatile organic compounds at the Site and was developed based on guidelines provided by the 2015 DTSC Advisory for Active Soil Gas Investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2011
Comments: A total of 878,800 gallons of water was treated by the system during the discharge period from May 3, 2011 to May 24, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2011
Comments: A total of 1,573,000 gallons of water was treated by the system during the discharge period from May 24, 2011 to June 30, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/25/2014
Comments: Site-Specific Health and Safety Workplan for Vapor Control System/Sub-Slab Depressurization Systems installed at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/19/2015
Comments: NPDES Report submitted to RWQCB per the permit requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/16/2015
Comments: Final diagnostic plan to evaluate sub-slab system performance under

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varying conditions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/09/2014
Comments: Treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 19,700 gallons of water was processed through the remediation system during the August 2014 reporting period from July 31, 2014 to September 5, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/15/2015
Comments: Data looks consistent with historical trends. Well EW 6 continues to increase.

Completed Area Name: Indoor Air - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/31/2016
Comments: March 2016 indoor air sampling and SSD diagnostic. Elevated moisture was found in all SSDs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2015
Comments: Operation within normal ranges

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/02/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 17,100 gallons of water was processed through the remediation system during the August 2015 reporting period from July 31, 2015 to September 1, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/02/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 12,400 gallons of water was processed through the remediation system during the September 2015 reporting period from to September 1, 2015 to September 30, 2015. The system was turned off on September 30, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/20/2015
Comments: Groundwater Extraction and Treatment Plant Demolition complete. Site restored.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/2016
Comments: Demolition of groundwater extraction and treatment system complete. Site restored by paving and refencing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 20,400 gallons of water was processed through the remediation system during the March 2015 reporting period from March 3, 2015, to March 27, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/22/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 16,300 gallons of water was processed through the remediation system during the November 2014 reporting period from October 31, 2014, to December 1, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/26/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 23,100 gallons of water was processed through the remediation system during the December 2014 reporting period from December 1, 2014, to December 31, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/17/2014
Comments: The total volume of treated water for the third quarter 2014 was 49,300 gallons. The total volume treated since the remediation system operation began was 191,844,006 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/18/2015
Comments: Data is similar to previous results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2015
Comments: Data within normal ranges

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report

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Completed Date: 04/07/2015
Comments: Risk assessment conducted by DTSC's Human & Ecological Risk Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2015
Comments: Soil vapor results continue to show results for TCE, PCE and VC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/13/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 11,700 gallons of water was processed through the remediation system during the September 2014 reporting period from September 5, 2014 to October 1, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/13/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 12,700 gallons of water was processed through the remediation system during the October 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/17/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 3,300 gallons of water was processed through the remediation system during the January 2015 reporting period from January 1, 2015, to January 31, 2015 and 3,100 gallons during the February reporting period from February 1, 2015 through February 28, 2015. The low flow totals for January and February were a result of system down time due to the malfunctioning uninterruptable power supply, which was replaced on February 19, 2015.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/29/2012
Comments: Work order to conduct SVE pilot study was issued to URS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2011
Comments: Comment letter sent to City of San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/16/2001
Comments: Amendment

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/21/2010
Comments: Consent letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/18/2012
Comments: CFA approved for URS SVE pilot study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/26/2012
Comments: Contract to conduct soil vapor pilot study fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/24/2011
Comments: CFA approved to continue O&M of groundwater treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/15/2013
Comments: Work Order Amendment to prepare a conceptual design for a possible SVE system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/24/2000
Comments: Task Order Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/19/2001
Comments: Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/21/2013
Comments: Contract 11-T1105 A-1 Extension

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 10/07/2014
Comments: Access agreements for two units signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/03/2013
Comments: ERRG Master Service Agreement (MSA) 09-T9105

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/13/2014
Comments: Contract Fiscal Approval (CFA) 09 T9128 for indoor air sampling at the Singer Friden site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/03/2015
Comments: Work order issued for sub-slab system installation, GWTS O&M and GWTS Demolition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2015
Comments: Notification of Change in DTSC Project Manager

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/15/2014
Comments: CFA 09-T9128 extension to January 1, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/29/2014
Comments: Contract 09-T9128 WO1 A-4 establishes funds to continue O&M on the GWTS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 02/17/2017
Comments: Site visit 2017-02-13. Post-HARP signed 2017-02-17.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/04/2016
Comments: Access agreement to install a SSDS at Unit 002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/01/2017
Comments: Uploaded 5/1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Pre-HARP Form
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2014
Comments: Contract 13-T3786

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/17/2014
Comments: This Work Order 1 is for conducting indoor air sampling at the Singer Friden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 06/13/2006
Comments: Five-Year Review determined that treatment system is capturing highest groundwater VOCs and has significantly reduced VOCs but concentration trends are leveling off.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/23/2001
Comments: Completed RA. Startup Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/30/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/1991
Comments: A briefing package has been prepared and a public meeting was held to present groundwater, soil and air quality testing that was conducted at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/03/2006
Comments: 1,537,200 gallons of water was treated in April 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/01/2005
Comments: The treatment system removed an estimated 7.14 pounds of VOCs, and discharged 5,930,700 gallons of treated groundwater into the San

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Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/15/2005
Comments: The purpose of the Workplan is to evaluate the potential for migration of volatile organic compounds (VOCs) into the indoor air of residential units at the Site. This will be accomplished by taking soil gas samples from ten (10) locations across the Site. Following the implementation of the Workplan, a Five-Year Report will be prepared, which will summarize the soil gas sampling results and will evaluate the effectiveness of the Site groundwater treatment and monitoring system, including capture zone analysis and recommendations for future Site activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/13/2003
Comments: Completed PEA for 2450 Washington Avenue. No Further Action letter issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/26/1998
Comments: Offsite conveyance design and revised treatment facility design completed based on 200 gpm flow rate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1996
Comments: Approved RAP. Final Remedy includes shallow groundwater extraction in "hot spot" areas and treatment using granular activated carbon. The treatment system will be located outside of the condominium complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/06/1995
Comments: Completed RIFS for shallow groundwater which found PCE and TCE at elevated concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/12/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/28/1991
Comments: RI report indicates shallow groundwater has significant VOC contamination, soil samples do not show high levels of contaminants,

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and soil vapor samples have elevated concentrations of VOCs and ambient air quality samples showed similar values to the background levels in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/03/1988
Comments: Preliminary Assessment evaluated the chemicals used at the Singer Friden plant, waste collection systems at the plant and potential migration pathways of chemicals from the plant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/04/2005
Comments: 1,261,700 gallons of water was treated during July 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2006
Comments: 1,369,700 gallons of water was treated during March 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/13/2004
Comments: California Regional Water Quality Control Board, San Francisco Bay Region, issued the authorization to discharge treated groundwater under the requirements of Order No. R2-2004-0055, NPDES Permit No. CAG912003 (VOC).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2006
Comments: 1,527,900 gallons of water was treated from August 25, 2006 to September 18, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2006
Comments: 1,537,200 gallons of water was treated in April 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/08/2006
Comments: 833,700 gallons of water treated in June 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/29/2006
Comments: 1,028,500 gallons of water was treated in August 2006.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	01/18/2007
Comments:	A total of 1,166,800 gallons of water was treated from October 31, 2006 to November 29, 2006. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report was initiated.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	12/04/2020
Comments:	Site-Specific Protection Plan (SPP) provides instructions to field staff on how to implement Alameda County Shelter in Place Order and Face Coverings Order. SSP includes COVID-19 precautionary measures by informing (i) individual control measures and screenings; (ii) cleaning and disinfecting protocols; (iii) schedule for disinfecting high traffic areas and commonly used surfaces; (iv) physical distancing guidelines; (v) notification requirements of COVID-19 positive case and (vi) training requirements.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/26/2022
Comments:	Indoor air samples were collected at 11 of 15 residences that consented to sampling.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/08/2023
Comments:	The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 007 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 016
Completed Document Type:	Monitoring Plan
Completed Date:	03/14/2023
Comments:	Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 016. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 021
Completed Document Type:	Monitoring Report
Completed Date:	03/14/2023
Comments:	Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit

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021. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 018
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 018. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 020. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 017
Completed Document Type: Monitoring Plan
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 017. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 015
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 015. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 014
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 014. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor

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air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2022
Comments: Sub-Slab Depressurization System (SSDS) Design Review and Recommendations technical memorandum (Technical Memorandum) presents the background, SSDS design and performance evaluation, and potential improvement options to installed SSDS at seven townhome units at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2022
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 006 at the Former Singer Friden Facility. The O&M activities consisted of visual inspection of the SSDS and its components, and collection of one (1) indoor air sample at Unit 006 s kitchen area. The O&M activities were performed in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer-Friden Site . The inspection included noting any malfunctions, irregularities, leaks, or collection of moisture within the SSDS or ductwork. One (1) indoor air sample was collected on October 21, 2022, in accordance with ERRG s 2014 Indoor Air Sampling Work Plan Addendum .

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Technical Report
Completed Date: 02/01/2018
Comments: Certification letter summarizes construction of sub-slab depressurization system activities conducted from October 2017 through November 2017, at Unit 008, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/03/2023
Comments: The Sewer Vapor Sampling Work Plan 2nd Addendum revises the April 2021 Sewer Vapor Investigation Work Plan and its addendum (July 2021 Addendum) incorporate sewer vapor sampling activities planned to occur at Unit 023 located at the Singer Friden Site. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 09/30/2022
Comments: Sewer Vapor Investigation Work Plan Addendum summarizes updates to the July 2021 Sewer Vapor Investigation Work Plan Addendum. The original Sewer Vapor Investigation Work Plan (Work Plan) describes

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pre-field activities; the sewer vapor sampling and analysis plan, including sewer vapor grab sampling and passive sampling methods; the quality assurance plan; and reporting. The July 2021 Addendum provides an update to the original Work Plan based on site reconnaissance and the results of an underground utility survey.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/12/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in April 2023 on the sub-slab depressurization system (SSDS) installed at Unit 004 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 019. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Interim Measures Workplan
Completed Date: 03/24/2023
Comments: Sub-Slab Depressurization System (SSDS) Installation Work Plan provides procedures for installing a SSDS, including the following: (i) suction point excavation and sub-slab access from the exterior of Unit 023 (ii) SSDS component assembly including materials used; and (iii) construction design. Unit 23 is located within the Sandpiper Townhouse Complex at the former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2023
Comments: Groundwater Monitoring Report summarizes results and findings of a groundwater monitoring event performed at dual nested wells GW-5A/5B and GW-6A/6B in October 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/16/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 54,899 gallons of water was processed through the remediation system during the December 2013 reporting period from December 1 to December 31, 2013.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 06/24/2014
Comments: HASP is included as an appendix to the Indoor Air Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/30/2014
Comments: Work plan includes detailed procedures for indoor air sampling to be conducted in the townhomes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/26/2015
Comments: Workplan for the demolition of the Groundwater Treatment System

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/24/2016
Comments: Final NPDES Report fro Groundwater extraction and Treatment System

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 14,800 gallons during the April reporting period from March 27, 2015 through April 28, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/26/2014
Comments: Work Notice to Sandpiper community informing that indoor air sampling will be conducted at all residents homes who have allowed access for sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/16/2014
Comments: The NPDES Discharge Permit NOI was sent in on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/11/2015
Comments: Diagnostic testing conducted on Unit 002. Follow up indoor air sampling will be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

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Completed Date: 11/06/2015
Comments: Work Notice issued for GWTS Demolition.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from August 2014 through September 2014 at Unit 001, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2014
Comments: Schedule did not allow for June sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/23/2015
Comments: The Indoor Air Sampling Report is not available on the EnviroStor because it contains confidential information. The public may review a bounded copy of the Report at the DTSC Berkeley Office File Room (Public Repository). Confidential information will be redacted before the Report become available for public review. The indoor air sampling report documents results of units 001, 002 and 003. Additionally, the report informs that the sub-slab depressurization fan system installed at unit 002 was replaced by a variable speed fan, operating at 16-inch water column.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/08/2014
Comments: Design is approved by Registered Professional Engineer as proposed. Confirmation sampling required after installation to ensure system operation is adequate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/10/2015
Comments: The total volume of treated water for the second quarter of 2015 was 43,700 gallons. The total volume treated since the remediation system began operation on May 4, 2001, was 191,966,606 gallons. The system operated in compliance with requirements of NPDES VOC and Fuel General Permit No. NPDES Permit No. CAG912002, Order No. R2-2012-0012. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/20/2015
Comments: Report was prepared by ERRG on behalf of DTSC. The Report documents locations where samples were collected. Analytical results to

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document compliance with discharge requirements for system flow and mass removal data; and operational status of the treatment system and observations.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from August 2014 through November 2014 at Unit 002, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/17/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 3,300 gallons of water was processed through the remediation system during the January 2015 reporting period from January 1, 2015, to January 31, 2015 and 3,100 gallons during the February reporting period from February 1, 2015 through February 28, 2015. The low flow totals for January and February were a result of system down time due to the malfunctioning uninterruptable power supply, which was replaced on February 19, 2015. Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed in November 2014 at Unit 003, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Supplemental Groundwater Monitoring Well Location Evaluation Report (Report) provides construction design recommendations to install three dual completion groundwater monitoring wells at three distinct locations at the site. Construction design recommendations are based on August/September 2019 soil gas sampling results which indicated the presence of volatile organic compounds in areas where groundwater has not been routinely monitored.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/14/2022
Comments: Sampling activities completed on July 14, 2022. Nested soil gas monitoring well SGW-36 sampled on June 28, 2022. Dual-completion groundwater monitoring wells GW-5 and GW-6 sampled on July 14, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 12/15/2021
Comments: Addendum - Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (SSDS) summarizes actions taken to address June 2021 O&M Summary Report recommendations and DTSC guidance as following: 1. Replace SSDS fans at Units 003 and 006. 2. Replace the existing SSDS fan shroud at Unit 006 with a shroud similar to the one currently in place at Unit 008 to reduce noise emission. 3. Perform annual O&M maintenance on the SSDS fan installed at Unit 007 s detached garage area. Recommendations were implemented and property documented in the Report. Additionally, Report recommends adjusting SSDS variable speed fan installed in the Unit 007 s detached garage area and replacing SSDS non-adjustable fan installed in the Unit 007 s backyard of Unit 007 If the flow rate of variable and non-adjustable fans that remain outside the specified range as determined in the 2015 Diagnostic Testing and O&M of Existing SSDS Work plan. Report s recommendation will be implemented during the next annual O&M inspection in January 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/06/2022
Comments: The Report documents results of soil gas samples collected at the newly installed triple-nested soil gas monitoring well (SGW-36) at depths of 5, 10, and 15 feet below ground surface on June 28, 2022. Soil gas results reported presence of primary chemical of concerns (e.g., tetrachloroethene, trichloroethene, and vinyl chloride), with maximum concentrations of 660 micrograms per cubic meter (g/m3), 11 g/m3 and 0.38 g/m3, respectively. Helium was detected in all soil gas samples with concentrations ranging from 0.33 percentage (%) to 94%. Because of significant ambient air breakthrough occurred during sampling, soil gas sample results are not suitable for site characterization delineation or human health risk assessment purposes. SGW-36 should be decommissioned if reported leak cannot be corrected or monitoring well was not constructed according to July 2015 DTSC Advisory: Active Soil Gas Investigations recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/19/2020
Comments: Postcard sent to local community informing about a Community Update Workshop that will be held at local community center on February 29, 2020.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 012
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 012 in September 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/08/2020

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Comments:	Five (5) junction box vaults welded on September 2020 Two (2) within the Sandpiper Townhome Complex s streets, one (1) just outside the Washington Avenue access gate to the complex, and two (2) along Washington Avenue.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/27/2022
Comments:	2021 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 004, 006, 007 and 008. With exceptions noted and documented in the Report as deviations from the Work Plan for Diagnostic Testing and O&M Plan of Existing SSDS (Work Plan), the O&M activities were done in general accordance with the Work Plan. The final document has information redacted due to confidentiality. A non-redacted version of the Report is available upon request at DTSC Berkeley Office File Room.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/14/2022
Comments:	December 2022 Groundwater monitoring sampling completed on 12/14/2022. Not reported
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 013
Completed Document Type:	Monitoring Report
Completed Date:	12/23/2019
Comments:	Air sampling report letter summarizes indoor air samples results collect at Unit 013 in September 2019.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	05/18/2021
Comments:	Work plan describes the investigation methods to assess the presence of volatile organic compounds (VOCs) in sewer vapor in sanitary lines in three investigation focus areas at the Singer Friden site
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/17/2022
Comments:	Review of groundwater elevation and potentiometric surface data cannot confirm potential vertical gradients between the four water-bearing zones at the Site as reported in previous semiannual groundwater monitoring reports. Nested monitoring wells that penetrate the two upper water-bearing zones are scheduled be installed at the Site in the first half of 2022. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2021 and January 2022 sampling event. Analytical results from the December 2021 and January 2022 sampling event indicate that VOC concentrations have generally stabilized or

SINGER FRIDEN (Continued) **S101272670**

decreased over time. Generally, VOC concentrations have shown occasional increases and fluctuations due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater extraction treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/12/2021
Comments: Planned fieldwork activities completed on 8/12/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2021
Comments: Soil Gas Monitoring Report to summarize the soil gas monitoring event conducted at Singer Friden site in August 2021. Tetrachloroethene (PCE) and trichloroethene (TCE) have generally decreased or remained stable in the wells monitored in the August 2021 soil gas monitoring event when compared to the results of August 2019 soil gas monitoring event. Significant increases in the concentration of PCE occurred in the sample collected from SGW-13 at 5 feet below ground surface (bgs) and from the samples collected from SGW-29 at both 5 and 15 feet bgs. TCE concentration increases occurred in the sample collected from SGW-29 at 5 feet bgs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/10/2020
Comments: Third Five-Year Review Report Fact Sheet provides a status update of environmental cleanup efforts conducted at the former Singer Friden facility (Site) from June 2012 to July 2018. The Site is currently in the operation and maintenance phase of work, which requires DTSC to review available data every five years. The purpose of a Five-Year Review is to evaluate the implementation and performance of a remedy to determine if it is or will be protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/09/2021
Comments: The Hazard Appraisal and Recognition Plan provides essential information about hazards associated the Site, defines protocols necessary for protecting on-site personnel from the hazards associated with supplemental investigations to be conducted at the Singer Friden Site, and establishes site safety and health policies and procedures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/04/2021
Comments: Fieldwork completed on August 4, 2021

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	07/28/2021
Comments:	Sewer Vapor Implementation Work Plan Addendum (Work Plan Addendum) provides an update of site conditions and includes results of a utility survey conducted at the Site during the week of July 12th, 2021. Additionally, the Work Plan Addendum describes additional details of the methods that will be implemented at the Site according to the Sewer Vapor Implementation Work Plan (approved on May 18, 2021) and Addendum. Fieldwork activities will be performed by Engineering/Remediation Resources Group, Inc. (ERRG).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	11/24/2021
Comments:	Not all utilities are shown. Water pipes were mostly non-conductive, and therefore not locatable. Many of the water valves could not be accessed; thus, depths to top of valve nuts could not be determined. Some sewer and natural gas laterals were not accessible and therefore not located. Depths shown are to center of conductive utility and are generally +/-10% of actual depth, when not distorted by adjacent conductors. Accuracy of electronic depth decreases when adjacent utilities are located within 5 ft. Critical depths require verification by potholing. Sanitary and storm depths are measured from rim to invert level. Basis of Bearings: Horizontal and Vertical Survey based on coordinates of monitoring wells provided by ERRG.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/21/2022
Comments:	Fieldwork activities completed on June 21, 2022. Dual-Completion monitoring wells GW-5 and GW-6, and nested soil gas monitoring well SGW-36 installed according to respective work plans. Dual-Completion monitoring wells GW-4 installation postponed to a later date due to logistic restrictions.
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:	Access Agreement
Schedule Due Date:	09/17/2024
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation / Feasibility Study
Schedule Due Date:	03/15/2025
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Five-Year Review Reports
Schedule Due Date:	06/30/2025

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Schedule Revised Date: Not reported

ENVIROSTOR:

Name:	SINGER FRIDEN
Address:	2350 AND 2450 WASHINGTON AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01360094
Status:	Certified / Operation & Maintenance
Status Date:	04/28/2003
Site Code:	208005
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	20
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, CITY OF SAN LEANDRO
Lead Agency:	SMBRP
Program Manager:	Moises Carvalho
Supervisor:	Karina Navarro
Division Branch:	Cleanup Berkeley
Assembly:	20, 18
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.71594
Longitude:	-122.1486
APN:	0397-161-49, 077 055609200, 077 063000100, 077 063000500, 077 063000600, 077 063000700, 077 063000800, 077 063000900, 077 063004800, 077 063004900, 077 063005000, 077 063005100, 077 063005200, 077 063005300, 077 063005400, 077 063005500, 077 063005600, 077 063005700, 077 063005800, 077 063005900, 077 063006000, 077 063006100, 077 063006200, 077 063006300, 077 063006400, 077 063006500, 077 063006600, 077 063006700, 077 063006800, 077 063006900, 077 063007000, 077 063007100, 077 063007200, 077 063007300, 077 063007400, 077 063007500, 077 063007600, 077 063007700, 077 063007800, 077 063007900, 077 063008000, 077 063008100, 077 063008200, 077 063008300, 077 063008400, 077 063008500, 077 063008600, 077 063008700, 077 063008800, 077 063009000, 077 063009100, 077 063009200, 077 063009300, 077 063009400, 077 063009500, 077 063009600, 077 063009700, 077 063009800, 077 063009900, 077 063011400, 077 063011800, 077 063012700, 077 063013600, 077 063013700, 077 063014700, 077D141002500, 77-556-100, 77-556-101, 77-556-102, 77-556-103, 77-556-104, 77-556-105, 77-556-106, 77-556-107, 77-556-108, 77-556-109, 77-556-110, 77-556-111, 77-556-112, 77-556-113, 77-556-114, 77-556-72, 77-556-73, 77-556-74, 77-556-75, 77-556-76, 77-556-77, 77-556-78, 77-556-79, 77-556-80, 77-556-81, 77-556-81, 77-556-82, 77-556-83, 77-556-84, 77-556-85, 77-556-86, 77-556-87, 77-556-88, 77-556-89, 77-556-90, 77-556-91, 77-556-93, 77-556-94, 77-556-95, 77-556-96, 77-556-97, 77-556-98, 77-556-99, 77-630-10, 77-630-100, 77-630-101, 77-630-102, 77-630-103, 77-630-104, 77-630-105, 77-630-106, 77-630-107, 77-630-108, 77-630-109, 77-630-11, 77-630-110, 77-630-111, 77-630-112, 77-630-113, 77-630-115, 77-630-116, 77-630-117, 77-630-119, 77-630-12, 77-630-120, 77-630-121, 77-630-122, 77-630-123, 77-630-124, 77-630-125, 77-630-126, 77-630-128, 77-630-129,

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77-630-13, 77-630-130, 77-630-131, 77-630-132, 77-630-133, 77-630-134, 77-630-135, 77-630-138, 77-630-139, 77-630-14, 77-630-140, 77-630-141, 77-630-142, 77-630-143, 77-630-144, 77-630-145, 77-630-146, 77-630-146, 77-630-148, 77-630-149, 77-630-15, 77-630-150, 77-630-151, 77-630-16, 77-630-17, 77-630-18, 77-630-19, 77-630-2, 77-630-20, 77-630-21, 77-630-22, 77-630-23, 77-630-24, 77-630-25, 77-630-26, 77-630-27, 77-630-28, 77-630-29, 77-630-3, 77-630-30, 77-630-30, 77-630-31, 77-630-32, 77-630-33, 77-630-34, 77-630-35, 77-630-36, 77-630-37, 77-630-38, 77-630-39, 77-630-4, 77-630-40, 77-630-41, 77-630-42, 77-630-43, 77-630-44, 77-630-45, 77-630-46, 77-630-47, 77-630-48, 77-630-49, 77-630-5, 77-630-50, 77-630-51, 77-630-52, 77-630-53, 77-630-54, 77-630-55, 77-630-56, 77-630-57, 77-630-58, 77-630-59, 77-630-6, 77-630-60, 77-630-61, 77-630-62, 77-630-63, 77-630-64, 77-630-65, 77-630-66, 77-630-67, 77-630-68, 77-630-69, 77-630-7, 77-630-70, 77-630-71, 77-630-72, 77-630-73, 77-630-74, 77-630-75, 77-630-76, 77-630-77, 77-630-78, 77-630-79, 77-630-8, 77-630-80, 77-630-81, 77-630-82, 77-630-83, 77-630-84, 77-630-85, 77-630-86, 77-630-87, 77-630-88, 77-630-89, 77-630-9, 77-630-90, 77-630-91, 77-630-92, 77-630-93, 77-630-94, 77-630-95, 77-630-96, 77-630-97, 77-630-98, 77-630-99, 77D-1410-25

Past Use: MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - ELECTRONIC, NONE, NONE, NONE, NONE, NONE, NONE, DEGREASING FACILITY, NONE, NONE, NONE, NONE, DEGREASING FACILITY, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, MANUFACTURING - ELECTRONIC, NONE

Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride Tetrachloroethylene (PCE Trichloroethylene (TCE Chloroform 1,2-Dichloroethylene (cis

Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Chloroform 1,2-Dichloroethylene (cis 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO 30028-NO Tetrachloroethylene (PCE Trichloroethylene (TCE 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO 30022-NO 30027-NO Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE Tetrachloroethylene (PCE Trichloroethylene (TCE 30022-NO 30027-NO

Potential Description: OTH, SOIL, SV, AQUI, IA, SOIL, SV, IA, IA, IA, IA, IA, IA, IA, OTH, SOIL, SV, IA, IA, IA, IA, NMA, OTH, SOIL, SV, AQUI, IA, SOIL, SV, IA, SED, SOIL, SV, IA

Alias Name: FRIDEN INC
Alias Type: Alternate Name
Alias Name: SANDPIPER CONDOS
Alias Type: Alternate Name
Alias Name: SINGER CO

SINGER FRIDEN (Continued) **S101272670**

Alias Type:	Alternate Name
Alias Name:	STAEFA CONTROL SYSTEM
Alias Type:	Alternate Name
Alias Name:	UNIVERSAL PNEUMATIC CONTROLS
Alias Type:	Alternate Name
Alias Name:	WILLIAM MATHEWS BUILDING
Alias Type:	Alternate Name
Alias Name:	0397-161-49
Alias Type:	APN
Alias Name:	077 055609200
Alias Type:	APN
Alias Name:	077 063000100
Alias Type:	APN
Alias Name:	077 063000500
Alias Type:	APN
Alias Name:	077 063000600
Alias Type:	APN
Alias Name:	077 063000700
Alias Type:	APN
Alias Name:	077 063000800
Alias Type:	APN
Alias Name:	077 063000900
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Alias Name:	077 063005000
Alias Type:	APN
Alias Name:	077 063005100
Alias Type:	APN
Alias Name:	077 063005200
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Alias Name:	077 063005300
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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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SINGER FRIDEN (Continued) **S101272670**

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Alias Type: EPA (FRS #)
Alias Name: P23070
Alias Type: PCode
Alias Name: 200251
Alias Type: Project Code (Site Code)
Alias Name: 208005
Alias Type: Project Code (Site Code)
Alias Name: 01360094
Alias Type: Envirostor ID Number
Alias Name: 01990002
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/12/2005
Comments: Amendment #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/15/2010
Comments: CFA approved for $200,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: ERRG contract fullt executed for $200,000 from July 1, 2010 to June 30, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/29/2010
Comments: Contract 09-T9094

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/18/2009
Comments: Work Order 1 was amended to include additional Tasks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/30/2010
Comments: ERRG Work Order completed.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2002
Comments: Work Order for O&M

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/29/2010
Comments: contract fully executed for $5,000 to June 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/22/2011
Comments: Work Order amendment extending work through June 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/07/1998
Comments: Start Work Order

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/20/1999
Comments: Start Work Order

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/02/1999
Comments: Work Order Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/08/2007
Comments: Contract for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/11/2007
Comments: Work Order for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/06/2007
Comments: Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/10/2010

SINGER FRIDEN (Continued) **S101272670**

Comments: CFA Approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/31/2011
Comments: Work order issued for Pilot Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/15/2011
Comments: Contract extended till June 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/07/2005
Comments: Work Order to conduct soil gas sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/25/2006
Comments: Amendment #4

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/16/2006
Comments: Annual expenditure letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/04/2006
Comments: Work Order for O&M

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/26/2011
Comments: URS contract to conduct pilot study is fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/05/2010
Comments: Contract with URS Corporation (URS) to provide personnel, services, materials and equipment necessary to prepare to prepare the final report for the in-situ pilot study conducted in 2008 for the Singer Friden site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/16/2008

SINGER FRIDEN (Continued) **S101272670**

Comments: Contract for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/18/2008
Comments: Work Order for Pilot Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/17/2002
Comments: Amendment #3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/21/2002
Comments: Amendment #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/16/2003
Comments: Amendmemt #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/20/2004
Comments: Annual letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/17/2004
Comments: Amendment #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/27/2012
Comments: CFA amendment to extend the contract until June 30, 2013 approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2012
Comments: ERRG contract amendment fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/29/2012
Comments: Work order amendment to continue O&M completed.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	03/01/2023
Comments:	Contract 17-T4416 Work Order No. 008 authorizes Contractor to provide personnel and services to a supplemental site characterization at Unit 023 and adjacent locations at Singer Friden site. Funding for Work Order 008 will be transferred from other Contract 17-T4416 funded tasks.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 019
Completed Document Type:	Correspondence
Completed Date:	07/20/2023
Comments:	Unit 019 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	12/19/2023
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Meeting
Completed Date:	09/25/2023
Comments:	A meeting was held on September 20, 2023, with Dundee HOA Board Members. Members agreed with DTSC's proposed supplemental soil gas investigation to be conducted in the Sandpiper property common areas to address data gaps.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 001
Completed Document Type:	Correspondence
Completed Date:	08/17/2023
Comments:	Correspondence to Unit 001 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 001. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	02/23/2024
Comments:	The Contract 22-T5074 A-1 Work Order No.1 Amendment No.1 (WO 1 A-1) modified the funding schedule and increased the funds to perform additional services under Tasks 8 through 9.5 DTSC Contract Manager transferred $38,754.25 funds currently allocated under Contract 22-T5074 A-1 contingency fund to support additional services under WO 1 A-1.

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/22/2023
Comments: Dann Bullwinkel, a resident of Trailer Haven Park, transmitted a handwritten letter/report to Singer Fridenn++s PM, Moises Carvalho, on December 12/19/2023. The handwritten letter/report includes groundwater and potable water (East Bay Municipal Utility District [EBMUD] treated surface water) sample analytical results. The groundwater samples were collected from a production well located on the Trailer Haven Park property. The groundwater and potable water results are documented in the 2021 Consumer Confidence Report, dated June 30, 2022. A review of the summarized groundwater analytical results (Tables 1 through 6) indicates no analytes exceeded their respective Maximum Contaminant Levels (MCLs) or Maximum Contaminant Level Goals (MCLGs), if applicable. However, it is important to note that these tables represent a combined dataset from December 2013 to September 2021. The report further indicates that December 2021 samples (results not tabulated) were analyzed for perchlorate, radium 228, and 65 volatile organic compounds (VOCs), and all analytical results were below detectable levels. Similarly, no exceedances were reported for EBMUD-treated surface water samples. While the report doesnn++t specify the groundwater sampling methodology used to collect the samples, production well spigot sampling (if that is the case) can present quality concerns for VOCs due to potential degasification during collection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/02/2023
Comments: Contract 17-T4416 Work Order No.9 Amendment No.1 increased the funds to perform additional services under Task 27 C (Indoor Air and Sub-Slab Soil Gas Sampling). DTSC Contract Manager transferred $5,188.00 funds currently allocated under Contract 17-T4416 Work Order No.1 Task 1 and Contract 17-T4416 Work Order No. 009 contingency provision to support additional services under Task 27 C.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 06/09/2023
Comments: Correspondence to Unit 023 residence. This correspondence provides an explanation of the results and findings of the indoor air sampling event conducted at Unit 023 in May 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/17/2023
Comments: Pre-HARP form for planned activities to be conducted in 2023-2024.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/19/2023
Comments: Unit 025 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Correspondence
Completed Date: 08/17/2023
Comments: Unit 016 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 02/22/2024
Comments: The Unit 011 Foundation Inspection Report and indoor air sampling summarizes the visual inspection of the concrete slab foundation, indoor air, and sub-slab soil gas sampling performed in August 2023, at Unit 011 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC accessing their properties to conduct the environmental investigation are referred to as Units in the Reports. All confidential information, if applicable, has been redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/20/2024
Comments: Site Visit to oversee installation of Soil Gas Probes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/23/2024
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.4 (WO 1 A-4) increased the funds to perform additional services under Task 9.5 (Supplemental Soil Gas Assessment Report). DTSC Contract Manager transferred $17,138.40 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-4.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/21/2023
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.2 (WO 1 A-2) increased the funds to perform additional services under the Task 1 (Technical Consultative Services), Task 2.1 (Soil Vapor Extraction

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Pilot Study Workplan) and Task 3 (Soil Vapor Extraction Noise Assessment) as described in WO 1 A-2. DTSC Contract Manager transferred $28,554.72 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-2.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/29/2023
Comments: The Contract 17-T4416 A-4 Work Order No. 010 Amendment No. 2 (WO 010 A-2) increased the funds to perform additional services under Task 31B DTSC Contract Manager transferred $3,677.51 funds currently allocated under Contract 17-T4416 A-4 contingency fund to support additional services under WO 010 A-2.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 11/21/2023
Comments: Email submitted to Unit 023 residents transmitting the Sub-Slab Depressurization System Installation Summary and Certification Letter (Report), dated November 16, 2023. The Report summarizes the construction of sub-slab depressurization system activities conducted from April 10, 2023, through April 18, 2023, and April 24, 2023, at Unit 023, within the Sandpiper Townhome Complex. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples and installation of sub-slab depressurization systems, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Correspondence
Completed Date: 04/19/2024
Comments: Unit 019 Vapor Intrusion Assessment Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 09/11/2023
Comments: Correspondence to Unit 007 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in April and July 2023 on the sub-slab depressurization system (SSDS) installed at Unit 007. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence

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Completed Date: 06/17/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 11/15/2023
Comments: Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems Correspondence to Unit 023 residence. Correspondence provides an explanation of the following: -Purpose of the operation and maintenance (O&M) activities performed in September 2023 on the sub-slab depressurization system (SSDS) installed at Unit 023. -O&M recommendations and findings. -Indoor air sampling results and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or installing mitigation systems, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/28/2023
Comments: The Contract 17-T4416 A-4 Work Order No. 010 Amendment No. 1 (WO 010 A-1) increased the funds to perform additional services under Tasks 31B: Vapor Intrusion Barrier Coating Material Application, Task 31C: Vapor Intrusion Barrier Coating Material Application Effectiveness Assessment and Task 31 D (Vapor Intrusion Barrier Coating Material Application Completion Report). DTSC Contract Manager transferred $25,423.84 funds currently allocated under Contract 17-T4416 A-4 contingency fund to support additional services under WO 010 A-1

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 08/25/2023
Comments: Correspondence to Unit 006 residence. Correspondence provides an explanation of the following: * Purpose of the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 006. * O&M recommendations and findings. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Correspondence
Completed Date: 09/14/2023
Comments: Correspondence to Unit 025 resident. This correspondence provides an explanation of the results and findings of the indoor air sampling event conducted at Unit 025 in August 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/10/2024
Comments: The Contract 17-T4416 Work Order No. 011 (Work Order No. 011) increased the funds to support additional services under Task 32 (Groundwater Monitoring) and Task 33 (Installation of Sub-Slab Depressurization Systems) are available from Contract s authorized funding.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/26/2023
Comments: Exhibit A, Scope of Work, Section 6 modified to add Sections H and I. Section H added Task 8 Supplemental Soil Gas Assessment Work Plan, and Section I added Task 9 Soil Gas Probes/Sampler Installation, Sampling and Reporting, and Subtasks 9.1 through 9.5.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Correspondence
Completed Date: 11/07/2023
Comments: Unit 020 Building Foundation Inspection Report Cover letter. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples or foundation inspections are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/23/2023
Comments: Notification letter to residents who will be immediately affected by the Soil Vapor Extraction (SVE) Pilot Test fieldwork activities planned to be conducted between August 28, 2023, and October 6, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2023
Comments: Contract 22-T5074 A1 Work Order No.1 increased the funds to perform additional services under Task 9 Soil Gas Probes/Sampler Installation, Sampling and Reporting, and Subtasks 9.1 through 9.5. Funding for the Work Order will be transferred from the Contract funding account.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/15/2024
Comments: The Contract 17-T4416 A-4 Work Order No.10 Amendment No.3 (WO10-A_3) transferred $85,164.08 allocated under Task 28 (Supplemental Indoor Air Monitoring) to support additional services under Task 19B (Miscellaneous Maintenance and Services) and Task 29 (Supplemental Operation and Maintenance of Sub-Slab Depressurization System).

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/13/2023
Comments: The Contract 22-T5074 Work Order No.1 Amendment No.3 (WO 1 A-3 increased the funds to perform additional services under Task 2.2 (Soil Vapor Extraction Pilot Study Fieldwork) and Task 3 (Soil Vapor Extraction Environmental Noise Assessment). DTSC Contract Manager transferred $23,313.63 funds currently allocated under Contract 22-T5074 contingency fund to support additional services under WO 1 A-3.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 06/28/2023
Comments: Correspondence to Unit 023 residence. Correspondence provides explanation of results and findings of indoor air sampling event conducted at Unit 023 in June 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/27/2023
Comments: The Contract 17-T4416 Work Order No. 010 (Work Order No. 010) increased the funds to support additional services under Task 28 through Task 31 are available from Contract s authorized funding. DTSC Contract Manager transferred $26,000.00 of funds allocated under Contract 17-T4416 Work Order No.1 Task 1 (Indoor Air Monitoring) and Contract 17-T4416 Work Order No. 1 Task 3A (Operation and Maintenance of Sub-Slab Depressurization System) to support additional services under Contract 17-T4416 Task 4A and Task 4B (Groundwater Elevation Gauging and Sampling; and Groundwater Monitoring Report).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2024
Comments: Project management activity for FY 23/24 completed on June 30, 2024.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/13/2023
Comments: Contract 17-T4416 was amended (Now Contract 17-T4416 A4) to add $350,000.00 to the Agreement. The total amount of the Agreement shall not exceed $1,650,000.00. Exhibit A, Scope of Work, Sections 1 and 3 are modified. Section 6 is replaced in its entirety, and Tasks 10, 11, 12, and 13 are added.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract

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Completed Date:	04/29/2024
Comments:	Contract 17-T4416 was amended (Now Contract 17-T4416 A5) to add $210,000.00 to the Agreement. The total amount of the Agreement shall not exceed $1,860,000.00. Exhibit A, Scope of Work, Sections 4 and 6 are modified. Exhibit B, Budget Details and Payment Provisions, Sections 5 and 7 are modified. Text insertions or deletions in modified sections are displayed in red, bold, and underline or as strike-through text, respectively. Sections that have been replaced in their entirety appear as normal text.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011
Completed Document Type:	Access Agreement
Completed Date:	05/21/2024
Comments:	This Right to Enter Agreement (Agreement) is entered into between Unit 011 property Owner and the State of California, Department of Toxic Substances Control (DTSC). This Agreement provides for entry onto the Unit 011 real property to investigate soil contamination, and install, inspect and maintain a sub-slab depressurization system at the unit property. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to installed sub-slab depressurization system are referred to as Units.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	06/02/2023
Comments:	The Contract 17-T4416 Work Order No.1 Amendment No.3 increased the funds to perform additional services under the Task 3 (Operation and Maintenance of Sub-Slab Depressurization System) as described in Work Order No.1. DTSC Contract Manager transferred $10,040.00 funds currently allocated under Contract 17-T4416 Work Order No.1 Task 1 to support additional services under Task 3.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	08/11/2023
Comments:	ERRG MSA Contract 17-T4306 A5 extended term end until October 31, 2023.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Orphan Site Designation
Completed Date:	02/24/2016
Comments:	DTSC determined that there are no viable responsible parties for this site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	07/29/2014
Comments:	Field order to allow relocation of one or more residents in the Sandpiper Townhomes into temporary housing.
Completed Area Name:	PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2014
Comments: Contract 13-T3786 A-1 adds indoor air sampling activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 07/06/2016
Comments: Contract extension until June 30, 2017

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 02/16/2016
Comments: PRP ID Memo indicates that there are no viable responsible parties at this site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/21/2014
Comments: Contract 14-T3865 WO 01 to authorize demolition of groundwater treatment system at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 09/02/2014
Comments: Access Agreement to residential properties within Sandpiper Townhome Complex

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/25/2014
Comments: Contract 09-T9128 Work Order 1 is for operating and maintaining groundwater treatment system at the Singer Friden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/30/2014
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3902 for the following activities: (i) operation and maintenance of the groundwater extraction treatment system; (ii) groundwater and soil gas sampling; (iii) and indoor air confirmation sampling after sub-slab system installation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/20/2015
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3865 time extension.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/17/2014
Comments: Contract 09-T9128 Amendment A3

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/21/2017
Comments: Contract amendment to add money and extend the contract through September 30, 2018. Work includes continued groundwater monitoring and as-needed installation of sub-slab systems.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Site Characterization Report
Completed Date: 05/12/2023
Comments: The Technical Memorandum summarizes supplemental site characterization activities performed in March 2023 at Unit 023 and adjacent locations at the former Singer Friden Facility. Supplemental site characterization activities consisted of collection of soil gas, indoor air, sub-slab soil gas, and sewer vapor samples as multiple lines of evidence to assess whether vapor intrusion interim mitigation measures are warranted at Unit 023. Based on the results of the supplemental site characterization that indicated relatively elevated concentrations of trichloroethene (TCE) in sewer vapor (sink P-traps) and sub-slab soil gas samples, DTSC recommended the installation of a sub-slab depressurization system at Unit 023 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/15/2021
Comments: Sewer Vapor Investigation Report summarizes a sewer vapor investigation conducted in August 2021 at Singer Friden site (Site). The purpose of this investigation is to verify whether the sewer system present at the Site is acting as a preferential pathway/vapor conduit to carry tetrachloroethene (PCE) and trichloroethene (TCE) present in areas around SGW-13, SGW-16, and SGW-29 where high residual PCE/TCE mass was detected in the vadose zone during the August 2019 soil gas sampling effort. Sewer vapor samples collected from sewer manholes and cleanouts for both the grab and passive samples reported concentrations of PCE, TCE and chloroform in the sewer lines around SGW-13, SGW-16, and SGW-29. Evaluation of organochlorinated compounds reported in the sewer system at the Site will be made in subsequent assessment reports. Future assessment reports will compare historical and current soil gas results, and additional sewer vapor sample results to verify the potential sources of organochlorinated compounds detected in the sewer system at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2021
Comments: MW-5 and P3 wells not sampled during December 2021 Semiannual Sampling Event. MW-5 well was covered by a PODS moving container.

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DTSC was told that PODS will be in place until February 1st. P3 was unable to be located because the apparent location was paved over.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 10/03/2022
Comments: The purpose and objective of this 2014 Indoor Air Sampling Work Plan Addendum (Work Plan Addendum) is to collect indoor air samples from the consenting residential units for laboratory analysis of volatile organic compounds (VOCs) to evaluate indoor air quality and determine if vapor intrusion mitigation measures are warranted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 022
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 022. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/27/2022
Comments: Work Notice distributed to Singer Friden site community (Sandpiper Townhome Complex s residents). Work Notice informs the community about the Supplemental Environmental Investigation activities that will be conducted at the Singer Friden site between October 10 and October 21, 2022.

Completed Area Name: Indoor Air - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2016
Comments: Follow up sampling on June 20, 2016 (after SSDs were dried out) in Unit 002 found reduced levels of tetrachloroethene.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/27/2014
Comments: Public Notice informing Sandpiper Townhome Complex community about meeting to be held on August 20, 2014, to explain the results of the indoor air sampling, proposed next steps in addressing this issue and answering questions from the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 17,900 gallons of water was processed through the remediation system during the July 2014 reporting period

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from June 30, 2014 to July 31, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 10/26/2012
Comments: Work Notice was distributed to all homeowners in the subdivision, posted and placed on the HOA website.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/13/2014
Comments: The total volume of treated water for the fourth quarter 2013 and during the 2013 monitoring period was 210,400 and 838,000 gallons, respectively. The total volume treated since the remediation system began operation on May 4, 2001, was 191,435,406 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/14/2014
Comments: Groundwater treatment system continues to treat low volumes of water with consistent concentrations of VOC's in the influent and non-detect results in effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2013
Comments: The GWTS was operated and discharge was in compliance with the NPDES permit this quarter. VOC's in the influent were around 100 ppb and non-detect in the effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/16/2013
Comments: WTS operates in compliance with the NPDES permit. Volume treated this month was 74,900m gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 09/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/23/2013
Comments: Based on a comparison of VOC concentrations measured during previous sampling events with concentrations measured during the semiannual 2013 event, VOC concentrations have generally decreased over time. However, VOC concentrations in many of the Site s wells have fluctuated over time and are likely due to one or more of the following conditions: seasonal variation of groundwater elevations,

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changing groundwater flow dynamics as extraction well pumps are turned off or on, and redistribution of dissolved contaminant mass over time. Additionally, enhanced in-situ bioremediation pilot tests in the areas of wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2014
Comments: The report summarizes the annual 2013 groundwater monitoring data collected at the Site. The results were within historic ranges for chlorinated volatile organic compounds. Naturally-occuring parameters were also measured for use in design of future remedies such as insitu-bioremediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/21/2014
Comments: Fact Sheet informing Sandpiper Townhome Complex community about meeting to be held on August 20, 2014, to explain the results of the indoor air sampling, proposed next steps in addressing this issue and answering questions from the public.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/15/2014
Comments: SVE would remove contaminants but it is not capable of providing vapor intrusion mitigation for residents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/18/2015
Comments: GWTS operated in compliance with the NPDES permit and quantity discharged was within normal flow rates. System has removed over 191 million gallons and over 260 pounds of VOC's to date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/25/2015
Comments: Indoor air results from both the summer 2014 and the winter of 2015 are included. There is no clear seasonal effect on samples. concentrations remain above screening levels. Three homes which have sub-slab systems install have concentration below screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/07/2014
Comments:	79,500 gallons of water was processed through the remediation system during the March 2014 reporting period from February 28, 2014 to March 31,2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/08/2014
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 69,700 gallons of water was processed through the remediation system during the April 2014 reporting period from March 31, 2014 to May 1, 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/29/2013
Comments:	109,500 gallons of water was treated during the July 2013 reporting period. The system operated in compliance with the NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	10/09/2013
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 103,100 gallons of water was processed through the remediation system during the September 2013 reporting period from August 29 to October 1, 2013.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	11/18/2013
Comments:	80,900 gallons of water was processed through the remediation system during the October 2013 reporting period from October 1 to November 1, 2013.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	03/19/2014
Comments:	Meeting with Sandpiper HOA to discuss indoor air sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/13/2019
Comments:	Field work (indoor air quality samples) completed on 9/13/2019. Three residences (Units 010, 012 and 013) were sampled.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Monitoring Report
Completed Date:	07/10/2019
Comments:	Letter report summarizes air sampling event performed from February

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26 through February 27, 2019, at Unit 004 within the Sandpiper Townhouse Complex at the Former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/18/2020
Comments: Fieldwork activities completed on December 18, 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/06/2021
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site, except for wells installed in the Yerba Buena Aquitard (Shallow Regional Aquitard), which are significantly deeper than the other wells. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2020 sampling event. Analytical results from the December 2020 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. However, when compared to the June 2020 results, trichloroethene increased in monitoring wells EW-6 and EW-7 from 630 micrograms per liter (g/l) to 1,400 g/l and 17 g/l to 110 g/l, respectively. VOC concentrations increases and fluctuations are likely due to the following conditions: (1) seasonal variation of groundwater elevations and flow conditions and (2) redistribution of the dissolved contaminant mass in saturated porous media over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/03/2021
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site, except for wells installed in the Yerba Buena Aquitard (Shallow Regional Aquitard), which are significantly deeper than the other wells. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June 2021 sampling event. Analytical results from the June 2021 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. However, when compared to the December 2020 results, cis-1,2-dichloroethene concentrations increased from 350 micrograms per liter (g/l) to 610 g/l and trichloroethene concentrations decreased from 1,400 g/l to 980 g/l at well EW-6. All other VOCs at the remaining wells were generally stable relative to previous results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/18/2018
Comments: Waste manifest of excavation spoils from installation of a sub-slab

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depressurization system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/17/2019
Comments: A combination of geophysical methods was used to meet the objectives of the subsurface geophysical surveys as described in the 2019 Subsurface Geophysical Survey workplan. The selected geophysical survey methods were electromagnetic line locating, metal detection, ground penetrating radar, and total field magnetic. The selected geophysical methods used in each of the five survey areas at former Singer-Friden Site depended on the nature of the suspected targets and the available site access. Subsurface geophysical surveys results identified notable evidence of subsurface features at the central portion of Cornwall Way across the Sandpiper Townhome Complex s Pool House. These subsurface features are likely a shallow backfilled catch basin and a buried metallic object. Subsurface geophysical surveys did not identify notable evidence of subsurface features at the other four survey areas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2021
Comments: Groundwater sampling activities completed on June 23, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/25/2020
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2019 sampling event. Analytical results indicate that VOC concentrations have generally stabilized or decreased over time. However, VOC concentrations have shown occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time. Additionally, enhanced in-situ bioremediation pilot tests in the areas of wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Monitoring Report
Completed Date: 07/10/2019
Comments: Letter report summarizes air sampling event performed from February 26 through February 28, 2019, at Unit 006 within the Sandpiper Townhouse Complex at the Former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/30/2022
Comments: This Public Participation Plan (PPP) was prepared by the Department of Toxic Substances Control (DTSC) for the investigation and remediation of contaminations to be conducted at the former Singer-Friden (Site) in San Leandro, California. DTSC policy requires public participation throughout the cleanup process. One aspect of DTSC's public participation process is the preparation of a Public Participation Plan. This PPP is an update to the 2013 Public Participation Plan to incorporate current information and the status of the cleanup to date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/27/1996
Comments: During installation of the extraction and treatment system conveyance piping in December 1995, potentially contaminated soil was encountered adjacent to the excavation for the vault box in the intersection of Heathrow Place and Cornwall Way. Pursuant to Task Order No. 2-085-11.0-200251 issued under contract No. 91-T0085, DTSC retained URS Consultants, Inc. (URS) to perform a soil removal action at the Singer Friden site. Soil excavation extended to approximately 5 feet below grade surface. The soil quantity to be removed was estimated to be approximately 25 cubic yards. The excavation was backfilled on February 11 and 12, 1996. Class 2 gravel fill was placed in the excavation in approximately 8-inch lift and compacted with a hand-held Wacker. Final grading and asphalting was completed on February 14, 1996.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Monitoring Report
Completed Date: 09/14/2018
Comments: This letter report summarizes the air sampling event performed on May 29 through June 5, 2018 at Unit 008 within the Sandpiper Townhouse Complex. The tetrachloroethene (PCE) concentration detected during the May 2018 event was similar to the concentrations detected during the May and December 2017 air sampling events. The concentrations have not changed significantly since the sub-slab depressurization system was installed in October 2017. ERRG, DTSC's contractor, recommended in the report that a variable speed fan or second fan be installed to increase suction and reduce PCE concentrations in indoor air.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/04/2019
Comments: Soil Gas Investigation Subsurface Geophysical Survey field work activities completed on September 4, 2019.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 010
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019

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Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 010 in October 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/19/2018
Comments: Site reconnaissance with DTSC SM and GSU staff.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/07/2020
Comments: 2019 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 002, 004, 006, 007 and 008. O&M activities were done in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer Friden Site. Final document has information redacted due to confidentiality. A non-redacted version of the Report is available at DTSC Berkeley Office File Room.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/24/2021
Comments: 2020 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 004, 004, 006, 007 and 008. O&M activities were done in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer Friden Site. Final document has information redacted due to confidentiality. A non-redacted version of the Report is available upon request at DTSC Berkeley Office File Room.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/26/2020
Comments: Fact Sheet hand delivered to Sandpiper community during the Community Update Workshop Meeting held on February 29, 2020

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/06/2021
Comments: Fact Sheet informs the Sandpiper community about the status of environmental investigations planned at the former Singer Friden facility (Site) The Site is currently in the operation and maintenance phase of work. Supplemental environmental investigations are planned and necessary to help the DTSC better evaluate the implementation of additional cleanup measures at the Site. When implemented, additional cleanup measures will stop or reduce vapor intrusion of chemicals coming from soil and groundwater at the Site. These measures will improve indoor air quality of residences and

SINGER FRIDEN (Continued) **S101272670**

protect human health and the environment.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 11/15/2019
Comments: Letter report describes the activities conducted to implement a membrane coating (Retro-Coat) pilot study (Pilot Study) at the Unit 009, Former Singer-Friden Facility. Letter report describes findings of the Pilot Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 03/18/2021
Comments: Work Plan outlines the tasks to be performed during installation of three double-nested groundwater monitoring wells and one triple-nested soil gas monitoring well at the former Singer Friden Facility (Site). The project objective is to expand the Site s monitoring well network to further evaluate the nature and extent of volatile organic compounds (VOCs) in groundwater, soil, and soil gas throughout the Site. The Work Plan only discusses groundwater monitoring well installation. Installation of soil gas monitoring wells is described in the Site s soil gas investigation work plan (Soil Gas Investigation Work Plan, Sandpiper Townhome Complex, Former Singer Friden Facility, 2350/2450 Washington Avenue, San Leandro, California. July 2019).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/28/2021
Comments: Work Notice distributed to the Sandpiper Townhome Complex community about Supplemental Environmental Investigations activities that will be conducted at the Singer Friden site. The Supplemental Environmental Investigations will consist of the following activities: (1) Subsurface Utility Line Geophysical Survey; (2) Soil Gas Sampling; and (3) Sewer Gas Sampling.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Technical Report
Completed Date: 04/07/2020
Comments: Unit 011 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on February 7, 2019, at Unit 011 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2020
Comments: Groundwater monitoring fieldwork activities and COVID-19 precautionary measures implemented as planned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Public Notice
Completed Date: 02/21/2020
Comments: A community update workshop will be held at local community center on February 29, 2020. DTSC will discuss the following: August 2019 soil gas investigation and September/October 2019 indoor air testing results of certain residences; Future indoor air quality testing and steps that local residents can take to maintain personal and environmental health.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 10/15/1996
Comments: Initial Study and Negative Declaration Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 04/28/2003
Comments: Certified Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 07/17/1992
Comments: Re-issued I&SE Determination and Order to Bicoastal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/22/1991
Comments: Issued I&SE Determination and Order to the site developers (known as the Citation entities) and owners of office building (Wm. Mathews, Inc.).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/18/1996
Comments: Cost Settlement with the Citation entities. Citation will pay DTSC $4,000,000 to cover all past and future liability for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 02/23/1993
Comments: Cost Settlement in US Bankruptcy Court regarding Bicoastal Corp. (dba Simuflite fka The Singer Company) Case No. 89-8191-BKC-8P1. DTSC receives $2,500,000. $2,250,000 applied to the Singer Friden Site and $250,000 to 3176 Porter Drive in Palo Alto. Settlement also addressed claims of the Dundee Homeowners Assoc. DTSC and Dundee also settled

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their claims against each other, as well as future access to the property by DTSC.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 004 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 004 to mitigate the indoor air quality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 008 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 003 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 004 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 001 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 002 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 007 homeowner to schedule annual inspection of the fan systems (sub-slab depressurization system)

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installed outside Unit 007 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/16/2021
Comments: Contract 17-T4416 Work Order No.3 with ERRG. Work Order No. 3 scope of work consists of activities listed as Tasks 16 through 19b, as follows: Task 16: Underground Utility Survey Task 17a: Soil Gas Sampling Fieldwork Task 17b: Soil Gas Results Reporting Task 18a: Sewer Gas Sampling Fieldwork Task 18b: Sewer Gas Results Reporting Task 19a: Groundwater Monitoring Reporting Task 19b: Miscellaneous Maintenance and Services

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/21/2022
Comments: Contract 22-T5074 Work Order No. 1 authorizes RMD Environmental Solutions, Inc. (Contractor) to provide personnel, services, materials, and equipment to conduct technical consultative services at the Singer Friden site as follows: Task 1 Technical Consultative Services Task 2 Soil Vapor Extraction Pilot Study Workplan, Fieldwork and Reporting Task 3 Soil Vapor Extraction System Environmental Noise Assessment Task 4 Human Health Risk Assessment Task 5 - Remedial Investigation/Feasibility Study Report Task 6 - Remedial Action Plan Amendment Task 7 - Public Outreach Support Service

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 07/07/2021
Comments: Email sent to Unit 003 property owner informing about proposed maintenances of a sub-slab depressurization system (Fan System) installed at the property to improve indoor air quality. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/06/2022
Comments: The letter informs the Sandpiper Townhome Complex community about environmental investigations conducted in 2021 and planned in 2022 at the Singer Friden site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/15/2021
Comments: Contract 17-T4416 amended (Now Contract 17-T4416 A2) to extend the term end date from December 31, 2021, to June 30, 2023, update Contractor Representative/Project Manager and the DTSC Project Manager. The total amount of the Contract shall not exceed $1,300.000.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SINGER FRIDEN (Continued) **S101272670**

Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/06/2021
Comments: Contract 19-T4790 A-1 extended the term end date of previous contract (Contract 19-T4790) from June 30, 2021 to December 31, 2022. The total amount of the Contract 19-T4790 A-1 shall not exceed $50,000.00.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/28/2022
Comments: RFF 21-0274. This RFF revision requests funds to conduct technical consultative services, soil vapor extraction pilot study, Soil Vapor Extraction System Environmental Noise Assessment, Human Health Risk Assessment, Remedial Investigation/Feasibility Study Report, Remedial Action Work Plan for Singer Friden Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 006 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 006 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2022
Comments: Activity created to capture project management labor hours during FY 21/22.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2022
Comments: Contract 17-T4416 Work Order No. 5 authorizes Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to implement activities listed as Tasks 23A and 23B as follows: Task 23A: RetroCoat Pilot Study Effectiveness Assessment Fieldwork Task 23B: RetroCoat Pilot Study Effectiveness Assessment Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2023
Comments: Project management activities for FY 2022/2023 completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/11/2021
Comments: ERRG MSA Contract 17-T4306 A2 extended term end until October 31, 2022.

Completed Area Name: SITES WITH NO OPERABLE UNIT

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 11/30/2021
Comments: Transmittal correspondence to Unit 006 resident about work summary report to abate fan system s noise emission. Confidential information redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Access Agreement
Completed Date: 03/17/2023
Comments: Right to Enter Agreement (Access Agreement) to install a sub-slab depressurization system at Unit 023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/07/2022
Comments: Letter distributed to Sandpiper Townhome Complex community members offering a voluntary testing of indoor air quality at residences located in the Sandpiper Townhome Complex at no cost.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 001 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 004 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 002 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

SINGER FRIDEN (Continued) **S101272670**

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 003 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 006 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 04/08/2021
Comments: Email sent to Unit 007 property owner informing about sub-slab depressurization system (Fan System) annual inspection scheduling. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 002 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 002 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 01/11/2022
Comments: The purpose of this field order is to provide funds to locate monitoring well P-3 and collect groundwater samples at this well according to Singer Friden s groundwater monitoring plan. P-3 was installed on Washington Boulevard across from Singer Friden s main access gate. ERRG staff was unable to visually locate P-3 during December 2021 groundwater sampling activities. It is believed that P-3 casing cover has been concealed with asphalt pavement material.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/17/2022

SINGER FRIDEN (Continued) **S101272670**

Comments: Agreement 17-T4306 amended to extend the term end date from October 31, 2022, to March 31, 2023, update the DTSC Contract Manager, and modify Exhibit D, Special Terms and Conditions. The total amount of the Agreement shall not exceed $0.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/27/2023
Comments: Contract 17-T4416 is a Regional Site Remediation Contract (RSRC) contract with Engineering/Remediation Resources Group, Inc. (ERRG) to provide remediation services. DTSC pays ERRG for their services under a Site Remediation Account (SRA) fund. Contract 17-T4416 Amendment no 3 extend Contract 17-T4416 term end from 6/30/2023 to 9/30/2024.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/30/2023
Comments: Pre-HARP approved by the supervisor and HSP. Supervisor and HSP verified that staff are field certified and eligible to perform the planned activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/28/2022
Comments: Contract 19-T4790 Work Oder 1 Amendment 1 transfers $3,185.00 from Contract 19-T4790 contingency funding to Task 1 (Technical Consultative Services).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 03/08/2023
Comments: Correspondence to Unit 001 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 001 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 03/01/2023
Comments: Contract 17-T4416 Work Order No. 06 Field Order 003 authorizes Contractor to purchase one (1) one (1) air purifier model AllerAir AirMedic Pro 6 HD to be deployed at Unit 023. Funding for FO 3 will be transferred from 17-T4416 WO 1 Task 1 (Indoor Air Monitoring).

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 001 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 001.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 002 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2316 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SINGER FRIDEN (Continued) **S101272670**

Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Meeting
Completed Date: 07/19/2023
Comments: A public meeting was held on July 17, 2023, to discuss/update community members on environmental assessments conducted at the Sandpiper Townhome Complex in 2021/2022.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Correspondence
Completed Date: 03/31/2023
Comments: Correspondence provides explanation of Technical Assessment of Sub-Slab Depressurization System (SSDS) at Unit 023. The Technical Assessment includes a brief description of the Site background, and an evaluation of potential locations for effective operation of proposed SSDS. The Technical Assessment considered three (3) evaluation criteria to select the most feasible location for the SSDS installation at Unit 023 as follow For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/05/2023
Comments: ERRG MSA Contract 17-T4306 A4 extended term end until August 31, 2023. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/17/2022
Comments: ERRG MSA Contract 17-T4306 A3 term end extended until March 31, 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 10/19/2022
Comments: Field Order No. 1 (FO 1) adds $3,629.80 to Contract 17-T4416 Work Order No. 4 Task 20a to address costs associated with one (1) additional round of soil gas sampling from SGW-36. Additional round of soil gas sampling will include collection of 3 primary and 1 duplicate soil gas samples from SGW-36. Primary soil gas samples will be collected at depths of 5, 10 and 15 feet below ground surface (bgs) and duplicate soil sample will be collected at 15 feet bgs. Soil gas samples shall be analyzed or volatile organic compounds using appropriate modified USEPA Method TO-15 SIM and helium

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according to ASTM D 1946-90.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 007 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan systems installed at Unit 007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 02/16/2023
Comments: Field Order No. 2 changes Contract 17-T4416 Work Order No. 006 Task 24a to include purchase of two (02) air purifier models AllerAir AirMedic Pro 6 HD (Air Purifier). Contractor will coordinate Air Purifiers shipping, and logistics to receive and deploy them at Singer Friden s Unit 023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 019 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 022
Completed Document Type:	Correspondence
Completed Date:	03/14/2023
Comments:	Correspondence to Unit 022 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 023
Completed Document Type:	Correspondence
Completed Date:	03/31/2023
Comments:	Correspondence to Unit 023 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 023. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	07/20/2022
Comments:	Correspondence to Unit 004 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 004.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	03/08/2023
Comments:	Correspondence to Unit 007 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 007 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	03/20/2023
Comments:	Contract 17-T4416 Work Order No. 009 authorizes Contractor to provide personnel and services to install a sub-slab depressurization system at Unit 023 located at Singer Friden site. Funding for Work Order 009 will be transferred from other Contract 17-T4416 funded tasks.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008

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Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 008 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/04/2022
Comments: Contract 17-T4416 Work Order 004 authorizes Remediation Contractor Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to implement remedial actions at the Singer Friden site to the following task activities: Task 20a: Soil Gas Sampling Fieldwork Task 20b: Soil Gas Sampling Report Task 21a: Indoor Air Sampling Work Plan Addendum Task 21b: Indoor Air Sampling Fieldwork Task 21c: Indoor Air Sampling Report Task 22a: Sewer Vapor Sampling Work Plan Addendum Task 22b: Sewer Vapor Sampling Fieldwork Task 22c: Sewer Vapor Sampling Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 016 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 016. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 015
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 015 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling

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conducted at Unit 015. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 020 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 014
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 014 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 014. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 006 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan system installed at Unit 006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 03/20/2023
Comments: The Report describes the activities to assess the effectiveness of 2018 2019 RetroCoat pilot study as a mitigation measure to prevent vapor intrusion (VI) of volatile organic compounds (VOCs) to indoor air within Unit 009. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All

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confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 12/21/2022
Comments: Correspondence sent to Unit 006 homeowner. Confidential information redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/17/2022
Comments: The Contract 17-T4416 Work Order No. 2 Amendment No. 1 increases the funds to perform activities under Task 13 - Dual-Completion Groundwater Monitoring Well and Nested Soil Gas Monitoring Well Installation and Task 15 - Post Construction Reporting; and reconciles the funds to perform activities under Task 12 - Dual-Completion Groundwater Monitoring Well and Nested Soil Gas Monitoring Well Installation Workplan, and Task 14 - Dual-Completion Groundwater Monitoring Well Survey.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/05/2023
Comments: Contract 17-T4416 Work Order 006 (Work Order 006) authorizes Engineering/Remediation Resources Group, Inc. to provide personnel, services, materials, and equipment to implement indoor air treatment at a residence (Unit 023) located at Singer Friden site, San Leandro, California (Site). Funding for Work Order 006 will be transferred from the Contract funding account.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 01/10/2023
Comments: Field Order Number 1 (FO 1) changes Contract 17-T4416 Work Order Number 6 Task 24a to include one (1) additional round of indoor/ambient air sampling. FO 1 will allow Contractor to conduct one (1) additional round of indoor/ambient air sampling associated

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with Unit 023. The indoor/outdoor air sampling activities will be consistent with site-specific indoor air sampling work plan Indoor/outdoor air samples will be analyzed in a 5-day turnaround time (TAT), not including sample collection day.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/16/2023
Comments: Contract 17-T4416 Work Order No. 7 authorizes Contractor to provide personnel and services to implement expedite removal action to prevent significant risks or harm to human life or health at a residence (Unit 023) located at Singer Friden site. Funding for Work Order 007 will be transferred from other Contract 17-T4416 funded tasks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/29/2022
Comments: Contract 17-T4416 Work Order No. 2 Amendment No. 2 authorizes Engineering/Remediation Resources Group, Inc. (Contractor) to provide personnel, services, materials, and equipment to provide supplementary activities to temporary assembling, managing and dismantling sound mitigation panels during installation of monitoring wells GW-5 and GW-6.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 08/17/2022
Comments: All work under Contract No. 19-T4790 for Singer Friden site is complete.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 07/20/2022
Comments: Correspondence to Unit 003 homeowner. Confidential information redacted. Correspondence summarizes findings and recommendation of annual operation and maintenance activities conducted at the fan

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system installed at Unit 003.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 03/06/2023
Comments: Correspondence to Unit 011 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 011. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 018
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 018 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 018. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 021
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 021 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 019. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 017
Completed Document Type: Correspondence
Completed Date: 03/14/2023
Comments: Correspondence to Unit 017 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 017. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/10/2022
Comments: Correspondence informs resident that groundwater monitoring well GW-5 installation schedule has changed. Monitoring well installation will partially restrict access to 2204/2298 Heathrow Place during

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groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/01/2023
Comments: The Work Order No. 1 Amendment No.1 (Work Order Amendment 1) increases the funds to perform additional services under the Tasks 1 (Technical Consultative Services) and Task 2.1 (Soil Vapor Extraction Pilot Study Workplan). The funds of $11,820.82 to support additional services request are available from the Contract 22-T5074 contingency provision. This amendment transfers $5,004.60 from contingency provision to Task 1 and $6,816.22 from contingency provision Task 2.1. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/20/2022
Comments: Correspondence informs resident that 2204/2298 Heathrow Place will be partially restricted during groundwater monitoring well installation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/02/2022
Comments: HARP reviewed/approved by Berkeley Branch IH and GSU Chief.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 024
Completed Document Type: Correspondence
Completed Date: 05/25/2023
Comments: Correspondence to Unit 024 residence. Correspondence provides explanation of following: * Purpose of the indoor air sampling conducted at Unit 024. * Indoor air sampling results, and * Recommendations. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	03/08/2023
Comments:	Correspondence to Unit 004 residence. Correspondence provides explanation of following: * Purpose of the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 004 * O&M recommendations and findings. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/20/2022
Comments:	Correspondence informs resident that 2451/2483 Heathrow Lane will be partially restricted during groundwater monitoring well installation activities.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	04/21/2023
Comments:	Field Order Number 1 (FO1) changed Contract 17-T4416 Work Order Number 009 Task 27B to include supplemental fieldwork to trace and improve the sub-slab depressurization system s air flow for a given static vacuum pressure.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	07/14/2023
Comments:	Correspondence to Unit 004 residence. The correspondence provides explanations of the following: * Purpose of the operation and maintenance (O&M) activities performed in April 2023 on the sub-slab depressurization system (SSDS) installed at Unit 004 * O&M recommendations and findings. * Indoor air sampling results. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 012
Completed Document Type:	Technical Report
Completed Date:	04/07/2020
Comments:	Unit 012 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on February 7, 2019, at Unit 012 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	06/10/2020

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Comments: First and Second Five-Year Review Reports Revised Update Fact Sheet provides a status of environmental cleanup efforts conducted at the former Singer Friden facility (Site) from March 2001 to May 2012. The Site is currently in the operation and maintenance phase of work, which requires DTSC to review available data every five years. The purpose of a Five-Year Review is to evaluate the implementation and performance of a remedy to determine if it is or will be protective of human health and the environment.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/08/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 004 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/02/2023
Comments: SVE Fieldwork activities completed on October 2, 2023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Technical Report
Completed Date: 12/22/2017
Comments: Certification letter summarizes construction of sub-slab depressurization system activities conducted on May 1 through May 9, 2017, with follow-up construction activities conducted on August 24 and 25, 2017, at Unit 007, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 05/18/2012
Comments: According to the data reviewed, the remedy is functioning as intended by the RAP; however, VOCs in the soil gas is not addressed with the current remedy, therefore additional assessment needs to be done to address the soil gas in the central portion of the Site. The GWTS has significantly reduced the VOC concentrations in the ground water; however the leveling off of VOC concentration trends in the past several years suggests that ground water extraction with the current system alone will take many years of operation to achieve MCLs at the Site, especially in the FGU-shallow. Enhanced in-situ bioremediation pilot studies were effective in reducing VOC concentrations in groundwater, therefore, targeted in-situ methods will be effective in reducing the areas of highest VOC concentration and monitored natural attenuation (MNA) can replace active remediation for eventual MCL attainment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2009
Comments: A total of 694,700 gallons of water was treated by the system during the discharge period from March 4, 2009, until March 27, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2009
Comments: The treatment system removed an estimated 2.091 pounds of VOCs, and discharged 2,356,500 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/12/2009
Comments: A total of 1,326,600 gallons of water was treated from January 6, 2009 to February 20, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/29/2008
Comments: Issued work order to continue operation and maintenance of the treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/31/2012
Comments: Fact Sheet of the first and second Five-Year Review Reports. The first Five-Year Review was done in June 2006 while the second Five-Year Review was done in 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 04/14/2009
Comments: Workplan for in-situ oil and naturally occurring bacteria injections approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 08/31/2010
Comments: Strong reductive dechlorination and microbial activity were present in groundwater west of the injection points.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/03/2009
Comments: In 2008, the treatment system removed an estimated 13 pounds of VOCs,

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and discharged 15,961,726 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/21/2009
Comments: NPDES application was uploaded to Geotracker.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 12/01/2008
Comments: A total of 2,184,500 gallons of water was treated from September 26, 2008 to November 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/17/2009
Comments: A total of 2,064,000 gallons of water was treated by the system during the discharge period from March 27, 2009 until April 29, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2009
Comments: A total of 2,430,100 gallons of water was treated by the system during the discharge period from April 29, 2009 until June 9, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/14/2009
Comments: A total of 335,200 gallons of water was treated from February 20, 2009 until March 4, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/07/2008
Comments: A total of 774,100 gallons of water was treated from June 2, 2008 to June 27, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2009
Comments: Tentative NPDES Permit was issued by water Board.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/08/2012
Comments:	170,700 gallons of water was processed through the remediation system during the June 2012
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	09/05/2012
Comments:	165,700 gallons treated this reporting period.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Workplan
Completed Date:	02/13/2012
Comments:	Indoor air sampling will be conducted inside the pool house and outdoor air samples will be collected near the pool house and at an upgradient location.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	09/17/2013
Comments:	August 2013 report indicates system shutdown on 8/10 due to power failure, ERRG responded 8/22. 56,900 gallons were treated in August 2013. Discharge was in compliance with the NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	11/30/2011
Comments:	Soil Gas Work Plan to conduct soil gas sampling at 2 depths at 6 locations approved.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	01/27/2012
Comments:	Soil gas sampling results are significantly higher than previous sampling event. Indoor air will be tested as the next step.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/01/2011
Comments:	Soil gas field work completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/05/2012
Comments:	All fieldwork completed, site returned to previous condition.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

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Completed Document Type:	Operation and Maintenance Report
Completed Date:	02/28/2014
Comments:	The GWTS operated in compliance with the NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	04/05/2012
Comments:	According to the indoor air results, the screening level cancer risks are: 2.2 x 10-6 for PCE and 4.3 x 10-6 for TCE (using the new toxicity criterion for TCE). Since vinyl chloride has been detected in soil gas, assuming vinyl chloride (VC) could be present in indoor air at its reporting limit of 0.042 ug/m3, the risk for vinyl chloride would be 1.4 x 10-6. The cumulative risk for TCE, PCE and VC is 7.9 x 10-6, still within the acceptable risk range. However, sub surface soil gas source remediation need to be conducted.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	06/03/2013
Comments:	System is shut down due to problems with the liquid granulated carbon gauge.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/02/2013
Comments:	GWTS operating at minimal flows, in compliance with NPDES permit.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/15/2013
Comments:	62,320 gallons of water was processed through the remediation system during the June 2013 reporting period from June 4 to June 28, 2013
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/19/2013
Comments:	GWTS is operating in compliance with the NPDES permit. VOC concentrations remain near 100 ppb in the influent and non-detect in the effluent.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Public Participation Plan / Community Relations Plan
Completed Date:	08/22/2013
Comments:	The update to the Public Participation Plan includes responses from community members and an updated mailing list.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	11/15/2012
Comments:	System operated as required with 146, 000 gallons treated. Effluent

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limits were met.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/17/2013
Comments: The groundwater treatment system operated in compliance with the NPDES permit and treated 236,000 gallons this quarter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/09/2012
Comments: August Monthly O and M Report 113,000 gallons treated this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 10/22/2012
Comments: Soil Vapor Extraction Pilot Study Workplan describes extraction well placement and construction details. Sampling for Volatile Organic soil gas is included to prepare design of extraction system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/04/2012
Comments: 108,200 gallons of water were processed through the remediation system during the October 2012. They system was operated in compliance with the NPDES permit.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2012
Comments: 97,900 gallons of water was processed through the remediation system during the November 2012 reporting period. All treated water met the NPDES permit limits.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/08/2013
Comments: The groundwater treatment system was operated in compliance with the NPDES permit and met all effluent limitations. 84,100 gallons were treated in December 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/26/2013
Comments: The Groundwater Treatment system treated 64,700 gallons for the month of January 2013 and no breakthrough was observed. VVOC samples were Non-detect in the effluent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/02/2013
Comments:	Groundwater Extraction system operated within normal range, 60,000 gasllons were treated in February.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/02/2013
Comments:	111,000 gallons treated this month.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	05/20/2013
Comments:	Report documents the soil vapor extraction (SVE) pilot study conducted in November/December 2012. The purpose of the pilot study was to evaluate the effectiveness of SVE in one of the areas with the highest concentrations of chlorinated volatile organic compounds (VOCs) in soil gas; primarily, trichloroethene (TCE).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	03/06/2014
Comments:	Soil vapor results consistent with historical values, VOCs detected TCE, PCE Vinyl Chloride and DCE. Well SVM-2A the shallow motioning well was sampled but the sample is suspect due to purging problems.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/14/2014
Comments:	The total volume of treated water for the first quarter 2014 was 188,400 gallons. The total volume treated since the remediation system operation began was 191,623,806 gallons. 0.09 kg VOC were removed in the first quarter 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	06/16/2014
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 26,700 gallons of water was processed through the remediation system during the May 2014 reporting period from May 1, 2014 to May 30, 2014.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/16/2014
Comments:	The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 43,600 gallons of water was processed through the remediation system during the June 2014 reporting period from May 30, 2014 to June 30, 2014. Discharge was in compliance with the NPDES permit.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2019
Comments: Second Semiannual 2019 Groundwater Monitoring Event occurred according to sampling schedule (every December).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/30/2022
Comments: Groundwater sampling conducted between June 28-June 30.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/21/2020
Comments: Based on the findings of the Report, groundwater elevation and potentiometric surface data indicate potential vertical gradients between the four water-bearing zones at the Site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June 2020 sampling event. Analytical results indicate that VOC concentrations have largely stabilized or decreased over time, with occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions and (2) redistribution of the dissolved contaminant mass in saturated porous media over time. Additionally, enhanced in-situ bioremediation pilot tests conducted in the areas near to the wells GW-1A, GW-3, EW-6, and EW-8 have caused VOC concentrations in these wells to vary significantly.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 011 in September 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/21/2015
Comments: Notice for winter round of indoor air sampling at Sandpiper Condominiums.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes air samples results collect at Unit 004 in October 2019.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019

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Comments:	Air sampling report letter summarizes air samples results collect at Unit 001 in October 2019.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	10/17/2019
Comments:	According to the First Semiannual 2019 Groundwater Monitoring Report, volatile organic compound (VOC) concentrations have generally stabilized or decreased over time when compared to previous sampling events results. However, VOC concentrations have shown occasional increases and fluctuations likely due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater treatment system, and (3) redistribution of dissolved contaminant mass in the saturated porous media over time.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 009
Completed Document Type:	Pilot Study/Treatability Workplan
Completed Date:	06/11/2018
Comments:	The work plan describes the permitting and utility locate activities, pilot study sampling activities, Land Science Technologies Retro-Coat application, waste management procedures, and reporting requirements.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	07/23/2019
Comments:	The Site-Specific Health and Safety Plan provides essential information about hazards associated the Site, defines protocols necessary for protecting on-site personnel from the hazards associated with soil vapor investigation activities, and establishes site safety and health policies and procedures.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/01/2019
Comments:	Work Notice informing the community about the upcoming subsurface geophysical survey (geophysical survey) and soil gas investigation that will be conducted in the Singer Friden, Sandpiper Townhome Complex. Geophysical survey and soil gas investigation activities are scheduled from August 19, 2019 to September 6, 2019 between the hours of 8:00 A.M. and 5:00 P.M., weather permitting.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	11/02/2022
Comments:	Letter report summarizes first semiannual groundwater monitoring event performed in June and July 2022 at the former Singer Friden site. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the June/July 2022 sampling event. Analytical results from the June/July 2022 sampling event indicate that VOC concentrations have generally stabilized or decreased over

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time. When compared to the December 2021 results, trichloroethene (TCE) concentrations decreased from 820 micrograms per liter (g/L) to 200 g/L at well EW-6 and tetrachloroethene (PCE) concentrations in GW-1a are below the detection limit for the first time since June 2011. All other VOCs at the remaining wells were generally stable relative to previous results. Generally, VOC concentrations have shown occasional increases and fluctuations due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater extraction treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 12/16/2020
Comments: Singer Friden Covid-19 Plan for SSDS O&M Plan (COVID-19 H&S Plan) provides sufficient information to meet State of California Executive Order N 33-20, Alameda County Order of the Health Officer No. 20-21 requirements and the minimum requirements listed on the DTSC COVID-19 Contractor Plan Reviews, version 1.0.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Technical Report
Completed Date: 05/09/2019
Comments: Certification letter summarizes modifications to the sub-slab depressurization system conducted in November 2018 at Unit 008, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/17/2019
Comments: The subsurface geophysical survey workplan describes activities to assess for historical subsurface features. Survey activities will be conducted at five areas across the Site. Survey activities consist of a combination of magnetometry, electromagnetic terrain conductivity, metal detector, and ground penetrating radar methods .

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Monitoring Report
Completed Date: 01/29/2019
Comments: This letter report summarizes the air sampling event performed from November 13, 2017, through December 13, 2018, at Unit 007 within the Sandpiper Townhouse Complex at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Technical Report
Completed Date: 05/09/2019
Comments: Certification letter summarizes follow-up construction of sub-slab depressurization system adjustment activities conducted on May 22 and 31, 2018; December 4, 2018; and January 7 and 8, 2019 at Unit 007, within the Sandpiper Townhome Complex.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/04/2019
Comments:	Letter report summarizes operation and maintenance activities performed in November and December of 2018 on the sub-slab depressurization systems at the Former Singer-Friden Facility.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/18/2019
Comments:	October 2019 Indoor Air Quality Sampling Event completed on October 18, 2019. Thirteen samples were collected as following: * Six primary and one duplicate indoor air quality samples. * Five effluent samples. * One ambient air sample.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Monitoring Report
Completed Date:	12/23/2019
Comments:	Air sampling report letter summarizes air samples results collect at Unit 007 in October 2019.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 009
Completed Document Type:	Fieldwork
Completed Date:	08/21/2018
Comments:	Passive indoor air sampling deployment and building survey.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	05/21/2018
Comments:	Contract 14-T3902 AM4 - Work Order # 001 Amendment # 006 - Work Order related to implementation of Retro-Coat Pilot Study at Unit 009.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 002
Completed Document Type:	Correspondence
Completed Date:	08/15/2017
Comments:	One indoor air sample were collected at Unit 002. Based on the indoor air sampling results, tetrachloroethene was found at a concentration above the residential air screening level.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 002
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 001
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	09/19/2018
Comments:	Correspondence to Unit 008 regarding 7-day passive indoor air sampling results.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 001
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	Two samples were collected from Unit 001. One sample (indoor air sample) was collected from Unit 001 bathroom. The second sample (effluent sample) was collected outside at the sub-slab depressurization system s exhaust pipe. Based on the October 2019 indoor air sampling results, none of the chemicals of concern was found at your residence indoor air with concentrations above the residential air screening level.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	03/16/2018
Comments:	Fully-executed Contract 17-T4416 between DTSC and Engineering/Remediation Resource Group, Inc. to conduct indoor air monitoring, install floor sealant and sub-slab depressurization systems, perform groundwater injection and pre- and post-injection soil gas and groundwater monitoring.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	09/27/2018
Comments:	Contract 17-T4416 Amendment 1 fully executed. The Amendment adds additional activities, including groundwater monitoring, a soil gas survey, delineation of the volatile organic compound plume using a membrane interface probe, operation and maintenance of a sub-slab depressurization system installed at individual residences at the Site, and indoor air monitoring.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	05/20/2020
Comments:	Correspondence provides response to a Sandpiper Townhome Complex s

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resident about environmental hazard disclosure requirements of properties located in the Sandpiper Townhome Complex. Due to confidentially, correspondence s addressee information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/29/2019
Comments: DTSC letter conveying indoor air sampling results to resident. Based on the December 2018 and historical indoor air quality testing results, the fan system has been effective in maintaining the TCE indoor air concentration in the Unit 007 below residential screening levels. PCE indoor air concentrations have been above the DTSC residential screening level; however, the fan system has been effective in keeping the exposure, risk from PCE in indoor air at Unit 007 within the acceptable cancer risk range.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/26/2019
Comments: Revised HARP reviewed by DTSC IH and approved by DTSC IH and Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/17/2020
Comments: Contract 19-T4790 with RMD. Contract scope of work consist of two tasks. Task 1 - Technical Consultative Services and Task 2 - Environmental Noise Assessment for Soil Vapor Extraction System

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 01/24/2019
Comments: December 22, 2017 Certification Letter will be updated with information from 2018 activities at Unit 007, including: (1) Crack sealing of exposed concrete slab within living quarters of the unit; (2) Changing out one of the two SSDS fans to a variable speed fan; (3) Installation of additional fan noise dampening materials; and (4) Post SSDS modification indoor air sample results.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 01/24/2019
Comments: February 1, 2018 Certification Letter will be updated with information from 2018 activities at Unit 008, including: (1) Changing out the SSDS fan to a variable speed fan; and (2) Post SSDS modification indoor air sample results.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 012
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: One indoor air sample was collected from Unit 012 s bathroom. Based

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on the indoor air sampling results, trichloroethene and tetrachloroethene were found at levels above the residential air screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/20/2020
Comments: Correspondence and consent form sent to Sandpiper Townhome Complex residents offering indoor air sampling on a voluntary basis

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 06/06/2019
Comments: Hazard Appraisal and Recognition Plan Post Site Visit conducted on June 5, 2019 to verify proposed soil gas monitoring well locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/10/2018
Comments: Contract 17-T4416 Work Order No, 1 was fully executed on October 10, 2018. The Work Order directs ERRG to perform indoor air and sub-slab depressurization system effluent sampling; install floor sealant and air sealing in a residence to determine the effectiveness in reducing volatile organic compound concentrations and prepare a work documenting the work; and conduct operation and maintenance of sub-slab depressurization systems installed at individual residences; conduct semi-annual groundwater monitoring; and prepare and implement a workplan for a soil gas survey.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 05/18/2017
Comments: One indoor air sample were collected at Unit 006. Based on the indoor air sampling results, all primary VOCs (TCE, PCE and VC) were found at a concentration lower than the residential air screening level.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Project Management
Completed Date: 06/30/2021
Comments: Activity completed on 6/30/2021.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 010
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Two indoor air samples were collected from Unit 010 bathroom. The two indoor air samples consisted of one primary and one duplicate sample. The duplicate sample was used to confirm the validity of the primary sample results. Based on the indoor air sampling results, trichloroethene was found at a concentration above the residential air screening level.

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Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	Three samples were collected from Unit 004. Two samples (indoor air) were collected from Unit 004 s bathroom and living room. The third sample (effluent sample) was collected outside at the sub-slab depressurization system s exhaust pipe. Based on the October 2019 indoor air sampling results, vinyl chloride was the only the chemical of concern found in the residence indoor air with concentrations above the residential air screening level.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	01/23/2020
Comments:	Work Order Amendment to Engineering/Remediation Resources Group to perform building foundation inspection in up to 25 townhome units at the Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 003
Completed Document Type:	Correspondence
Completed Date:	09/17/2018
Comments:	Informational letter indicating the new assigned project manager.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	A total of five samples were collected at Unit 0007. Two indoor air samples were collected from Unit 007 s bathroom and kitchen. Two effluent samples were collected at Unit 007 s fan system s exhaust pipes along the rear southwestern exterior wall of your home, and the northeastern wall of your home s garage. One ambient air sample was collected at Unit 007 s back yard. Based on the October 2019 indoor air sampling results, the only chemical of concern found at Unit 007 with concentrations above the residential air screening level (0.46 micrograms per cubic meter [g/m3]) was tetrachloroethene.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 013
Completed Document Type:	Correspondence
Completed Date:	01/13/2020
Comments:	One indoor air sample was collected from Unit 013 s bathroom. Based on the indoor air sampling results, none of the primary chemicals of concern (trichloroethene, tetrachloroethene and vinyl chloride) was found at your residence s indoor air above the residential air screening level.
Completed Area Name:	SITES WITH NO OPERABLE UNIT

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Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Pilot Study involved collection soil vapor, sub-slab vapor and indoor air samples before and after the application of Land Science Technologies Retro-Coat on the exposed concrete slab foundation of Unit 009.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 08/15/2017
Comments: Two indoor samples were collected at Unit 009. One indoor air sample was collected when the residence was unoccupied and HVAC off, and the second sample was collected under normal occupancy and HVAC on. Under normal occupancy and HVAC operation, all primary VOCs were below DTSC's health-based screening levels. The results while the house was unoccupied and HVAC off (i.e. no air exchange) do not indicate a need for an active vapor mitigation system

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 09/06/2017
Comments: One indoor air sample were collected at Unit 006. Based on the indoor air sampling results, tetrachloroethene was found at a concentration above the residential air screening level.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 08/27/2020
Comments: The purpose of this field order is to repair the former groundwater extraction treatment system (GWETS) well-vaults.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/09/2020
Comments: Contract 19-T4790 Work Order # 1 with RMD. Work Order #1 scope of work consists of (i) Review, analyze, and comment on existing data. (ii) Evaluate environmental noise emission from proposed Soil Vapor Extraction (SVE) system; and (iii) Propose environmental noise emission reduction measures for SVE systems to be installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Field Order
Completed Date: 07/25/2019
Comments: Field Order No 1 includes maintenance and noise dampening to be conducted at the former groundwater extraction treatment system vaults that are still in place at the Singer Friden site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Correspondence
Completed Date: 05/29/2020

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Comments:	Unit 011 Building Foundation Inspection Report Cover letter. Confidential information redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 012
Completed Document Type:	Correspondence
Completed Date:	05/29/2020
Comments:	Unit 012 Building Foundation Inspection Report Cover letter. Confidential information redacted.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 004
Completed Document Type:	Correspondence
Completed Date:	07/11/2019
Comments:	Correspondence sent to Unit 004 home owner. Confidential information redacted and attachments not included.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 006
Completed Document Type:	Correspondence
Completed Date:	07/11/2019
Comments:	Correspondence sent to Unit 006 home owner. Confidential information redacted and attachments not included.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	10/12/2020
Comments:	Contract 17-T4306 A1 extended until October 31, 2021
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Post HARP Form
Completed Date:	02/10/2020
Comments:	Hazard Appraisal and Recognition Plan Post Site Visit conducted on February 7, 2020 at two residential units (Units 011 and 012).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Field Order
Completed Date:	09/11/2019
Comments:	The purpose of Field Order 2 is to clean underground utility paint markings using a hot-water pressure washer. Spray paint with black and/or gray hue (spray-paint) may be applied over paint markings, if necessary, if cleaning was unsuccessful using the hot-water pressure washer.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 008
Completed Document Type:	Correspondence
Completed Date:	01/10/2022
Comments:	DTSC correspondence contacting Unit 008 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 008 to mitigate the indoor air quality.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011

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Completed Document Type: Correspondence
Completed Date: 01/13/2020
Comments: Two indoor air samples were collected from Unit 011 s bathroom. The two indoor air samples consisted of one primary and one duplicate sample. The duplicate sample was used to confirm the validity of the primary sample results. Based on the indoor air sampling results, trichloroethene was found at a concentration above the residential air screening level.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 07/07/2021
Comments: Email sent to Unit 006 property owner informing about proposed maintenances of a sub-slab depressurization system (Fan System) installed at the property to improve indoor air quality. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/01/2018
Comments: Contract 14-T3902 expired on September 30, 2018. DTSC issued a stop work letter for Engineering/Remediation Resources Group, Inc. to immediately cease all work under the this contract and to submit a final invoice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 08/29/2019
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 001 homeowner to schedule annual inspection of the fan system (sub-slab depressurization system) installed outside Unit 001 to mitigate the indoor air quality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Correspondence
Completed Date: 01/10/2022
Comments: DTSC correspondence contacting Unit 003 homeowner to schedule annual inspection of fan system (sub-slab depressurization system) installed outside Unit 003 to mitigate the indoor air quality.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/19/2022
Comments: RMD Environmental Solutions, Inc. (Contractor) agreed to enter into a Contract (Contract 22-T5074) with the Department of Toxic Substances Control (DTSC) to provide personnel, services, materials, and equipment that are needed to conduct technical consultative services

SINGER FRIDEN (Continued) **S101272670**

at the Singer Friden site. Services requested under this contract are the following: Task 1 Technical Consultative Services Task 2 Soil Vapor Extraction Pilot Study Workplan, Fieldwork and Reporting Task 3 - Soil Vapor Extraction System Environmental Noise Assessment Task 4 Human Health Risk Assessment Task 5 - Remedial Investigation/Feasibility Study Report Task 6 - Remedial Action Plan Amendment Task 7 - Public Outreach Support Service Contract 22-T5074 is effective from 10/19/2022 through 12/31/2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/20/2020
Comments: Contract 17-T4416 Work Order No. 2 with ERRG. Work Order No. 2 scope of work consists of: i) Dual-completion groundwater monitoring well and nested soil gas monitoring well installation workplan. ii) Installation of three dual-completion groundwater monitoring wells and one nested soil gas monitoring well. iii) Survey of installed dual-completion groundwater monitoring wells. iv) Post-construction reporting.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/06/2019
Comments: Work Order Amendment to Engineering/Remediation Resources Group for geophysical survey of four limited areas. The combined geophysical survey areas are approximately 21,600 square feet.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 007 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 008 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 02/18/2021
Comments: Email sent to Unit 006 property owner informing status of sub-slab depressurization annual operation and maintenance schedule/activities. Property owner information redacted due to confidentiality.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/24/2022
Comments: Work Notice informs Sandpiper Townhome Community about installation of three (3) groundwater monitoring wells and one (1) soil gas monitoring well at the Site for future sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/12/2023
Comments: Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2022 sampling event. Analytical results from December 2022 sampling event indicate that VOC concentrations have generally stabilized or decreased over time. Review of groundwater elevation and potentiometric surface data of dual-nested groundwater monitoring wells at GW-5 and GW-6, which penetrate the two upper water-bearing zones, both show downward vertical gradients between the two upper water-bearing zones. Observed groundwater elevations and inferred potentiometric surface data of the four water-bearing zones and Shallow Regional Aquitard are included in the semiannual groundwater monitoring report.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/24/2021
Comments: 2021 Work Summary Report for Unit 006 at the Sandpiper Townhouse Complex report (Report) presents a summary of work conducted at Unit 006 during the two site visits in July and August 2021. The purpose of the work was to address the excessive noise generated by the fan system installed at Unit 006 to mitigate vapor intrusion from soil gas.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Manual
Completed Date: 08/01/2001
Comments: Operations and Maintenance Manual for groundwater extraction and treatment system completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 07/02/2008
Comments: This pilot test indicates that biostimulation through emulsified oil injections and bioaugmentation with Dehalococcoides ethenogenes culture KB-1TM can be an effective remedy for the reduction of VOCs at the Site. The pilot test results also suggest that biostimulation can be implemented at the Site without significantly increasing risks associated with VOC vapor intrusion.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/02/2006

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Comments:	109,800 gallons of water was treated from November 31, 2005 to January 4, 2006
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	02/27/1996
Comments:	During installation of the extraction and treatment system conveyance piping in December 1995, potentially contaminated soil was encountered adjacent to the excavation for the vault box in the intersection of Heathrow Place and Cornwall Way. During this removal action, 25 cubic yards of soil was removed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Design - Preliminary/Intermediate
Completed Date:	02/28/1996
Comments:	5 extraction and 1 monitoring wells were installed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Well Completion Report
Completed Date:	02/28/1996
Comments:	1 intermediate and 3 deep monitoring wells were installed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/28/1996
Comments:	Conducted a step drawdown and constant discharge aquifer tests at extraction well EW-3.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	04/06/2007
Comments:	Injection of vegetable oil completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/01/2007
Comments:	The treatment system removed an estimated 4.9 pounds of VOCs, and discharged 4,687,800 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	09/01/1990
Comments:	Fact Sheet announcing upcoming soil testing.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/12/2007
Comments:	A total of 1,512,300 gallons of water was treated from April 30, 2007

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to May 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/16/2006
Comments: Contract Master Service Agreement with Engineering Remediation Resources Group

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/16/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 03/30/2007
Comments: The plan covers a proposed in-situ treatment process to address TCE contamination. This is only a pilot study at this time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/01/1991
Comments: The fact sheet presents results of soil, groundwater and soil gas investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2006
Comments: The treatment system removed an estimated 3.26 pounds of VOCs, and discharged 3,006,500 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/15/2007
Comments: The treatment system removed an estimated 13 pounds of VOCs, and discharged 12,273,600 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/27/2006
Comments: 450,100 gallons of water was treated during July 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/15/2007
Comments: A total of 1,514,300 gallons of water was treated from November 29,

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2006. to December 28, 2006. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/20/2005
Comments: 786,872 gallons of water was treated during September 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/22/2006
Comments: 274,700 gallons of water was treated during January 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2008
Comments: A total of 1,057,600 gallons of water was treated from November 2, 2007 to December 3, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/04/2008
Comments: A total of 2,011,500 gallons of water was treated from December 4, 2007 to December 31, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/18/2006
Comments: Lease Extension Executed until February 28, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/04/2007
Comments: A total of 1,407,700 gallons of water was treated from October 2, 2007 to November 2, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/04/2007
Comments: A total of 929,500 gallons of water was treated from August 3, 2007 to September 4, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/18/2007

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Comments: Contract with Engineering Remediation Resources Group to repave the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/03/2008
Comments: A total of 2,552,900 gallons of water was treated from January 1, 2008 to February 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/05/2008
Comments: The treatment system removed an estimated 4.5 pounds of VOCs, and discharged 5,323,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/12/2008
Comments: The treatment system removed an estimated 1.74 pounds of VOCs, and discharged 1,896,126 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/20/2008
Comments: The treatment system removed an estimated 3.21 pounds of VOCs, and discharged 3,391,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/22/2008
Comments: A total of 1,095,700 gallons of water was treated from February 5, 2008 to February 28, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/02/2008
Comments: A total of 1,675,200 gallons of water was treated from March 1, 2008 to March 31, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/07/2007
Comments: A total of 545,000 gallons of water was treated from September 5, 2007 to October 1, 2007. Implementation of follow-up actions based on

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the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/07/2007
Comments: The treatment system removed an estimated 5.56 pounds of VOCs, and discharged 3,347,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/30/2008
Comments: A total of 312,580 gallons of water was treated from March 31, 2008 to April 28, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/03/2008
Comments: A total of 1,087,700 gallons of water was treated from June 27, 2008 to August 4, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/30/2008
Comments: A total of 1,116,800 gallons of water was treated from August 4, 2008 to September 9, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/10/2007
Comments: A total of 1,038,400 gallons of water was treated from May 31, 2007 to June 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/04/2007
Comments: A total of 1,872,800 gallons of water was treated from June 20, 2007 to August 3, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2008
Comments: A total of 1,186,800 gallons of water was treated from September 9, 2008 to September 26, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	01/05/2009
Comments:	A total of 1,406,000 gallons of water was treated from November 4, 2008 until November 26, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued. Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/07/2008
Comments:	A total of 809,446 gallons of water was treated from April 28, 2008 to June 2, 2008. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	02/26/2009
Comments:	A total of 1,760,000 gallons of water was treated from November 26, 2008, until January 6, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued. Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	02/04/2008
Comments:	In 2007, the treatment system removed an estimated 18 pounds of VOCs, and discharged 17,069,400 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	06/06/2007
Comments:	A total of 2,006,300 gallons of water was treated from March 30, 2007 and April 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	06/03/2008
Comments:	CFA approved.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/15/2019
Comments:	Letter report summarizes the 2018 fourth quarter groundwater monitoring data collected at the former Singer-Friden Facility (site). Primary chemicals of concern (COCs) concentrations and other volatile organic compounds reported during previous sampling events were compared with concentrations reported during the November 2018

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sampling event. As there was a 3-year gap between groundwater monitoring events of 2015 and 2018, additional groundwater monitoring events are needed to establish trends in primary COC concentrations within the appropriate statistical confidence levels for the wells screened in the site s hydrogeological units.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2010
Comments: A total of 3,177,300 gallons of water was treated by the system during the discharge period from May 25,2010 to June 29, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/03/2010
Comments: A total of 1,940,600 gallons of water was treated by the system during the discharge period from June 29, 2010 to July 27, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2010
Comments: A total of 3,290,500 gallons of water was treated by the system during the discharge period from July 27, 2010 to August 31, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2010
Comments: A total of 2,376,200 gallons of water was treated by the system during the discharge period from August 31, 2010 to September 28, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/24/2010
Comments: A total of 2,086,500 gallons of water was treated by the system during the discharge period from October 26, 2010, to November 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/07/2010
Comments: A total of 2,544,300 gallons of water was treated by the system during the discharge period from September 28, 2010, to October 26, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/08/2011

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Comments:	A total of 1,388,600 gallons of water was treated by the system during the discharge period from November 30, 2010 to January 3, 2011. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/30/2011
Comments:	Injections completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/16/2012
Comments:	The total volume of treated water for the fourth quarter 2011 and during 2011 was 3,258,400 gallons and 13,379,400 gallons, respectively.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/24/2012
Comments:	The total volume of treated water for the first quarter 2011 was 1,947,400 gallons.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/16/2012
Comments:	2nd Quarter 2012 NPDES and GWM Reports
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	11/19/2012
Comments:	The Groundwater extraction system operated in compliance with the NPDES permit and treated 146,000 gallons of groundwater this quarter.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/11/2013
Comments:	The groundwater extraction treatment system operated in compliance with the NPDES discharge permit. The total volume treated in the fourth quarter was 290,200 gallons, removing 0.103 kilograms of VOC's. Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Pilot/Treatability Study Report
Completed Date:	03/19/2012
Comments:	The effectiveness of the 3DMe injection pilot study and the extent and concentration of the contaminant plume near extraction wells EW-6 and EW-8 were evaluated over two post-injection quarterly groundwater monitoring events. Multiple lines of evidence of improved anaerobic or reducing conditions and degradation of chlorinated VOCs were noted. Continued groundwater monitoring will be required to assess

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ongoing performance.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/24/2012
Comments: A total of 658,700 gallons of water was treated by the groundwater treatment system during the discharge period from February 27, 2012, to March 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/27/2012
Comments: A total of 1,050,600 gallons of water was treated by the groundwater treatment system during the discharge period from November 29, 2011 to January 3, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/09/2011
Comments: No volatile organic compounds were detected in any of the 4 deep wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2012
Comments: A total of 691,300 gallons of water was treated by the groundwater treatment system during the discharge period from January 31, 2012, to February 27, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/26/2012
Comments: A total of 747,100 gallons of water was treated by the groundwater treatment system during the discharge period from March 30, 2012, to May 1, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 06/13/2011
Comments: Workplan to conduct in-situ injections at 2 locations approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/15/2011
Comments: The total volume of treated water for the third quarter 2011 was 3,108,900 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

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Completed Date: 06/13/2011
Comments: Work Notice for In-situ injections at two locations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/07/2011
Comments: A total of 1,300,200 gallons of water was treated by the system during the discharge period from June 30, 2011 to August 2, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/31/2011
Comments: A total of 1,032,000 gallons of water was treated by the system during the discharge period from August 2, 2011 to August 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/09/2011
Comments: A total of 776,700 gallons of water was treated by the system during the discharge period from August 31, 2011 to October 3, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/18/2011
Comments: A total of 1,082,100 gallons of water was treated by the groundwater treatment system during the discharge period from October 3, 2011 to October 31, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/27/2012
Comments: A total of 1,125,700 gallons of water was treated by the groundwater treatment system during the discharge period from October 31, 2011 to November 29, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2012
Comments: A total of 597,400 gallons of water was treated by the groundwater treatment system during the discharge period from January 3, 2012 to January 31, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/19/2012
Comments: A total of 197,500 gallons of water was treated by the groundwater treatment system during the discharge period from May 1, 2012, to June 1, 2012.

Completed Area Name: PROJECT WIDE

SINGER FRIDEN (Continued) **S101272670**

Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/06/2009
Comments: The treatment system removed an estimated 3.57 pounds of VOCs, and discharged 5,373,100 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2010
Comments: A total of 1,828,900 gallons of water was treated by the system during the discharge period from May 4, 2010 to May 25,2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/06/2009
Comments: In-situ injections of emulsified oil and bacteria completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/04/2009
Comments: A total of 879,000 gallons of water was treated by the system during the discharge period from June 9, 2009 until June 22, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/04/2009
Comments: A total of 1,925,500 gallons of water was treated by the system during the discharge period from August 31, 2009 until September 29, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/05/2010
Comments: A total of 934,700 gallons of water was treated by the system during the discharge period from January 5, 2010 and February 2, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/14/2018
Comments: The 2018 groundwater monitoring event was completed. The depth to groundwater was measured in 20 monitoring wells. Groundwater samples were collected from the 20 monitoring wells and 9 former extraction wells using passive diffusion bags. Volatile organic compound (VOC)

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concentrations reported during past groundwater sampling events were compared to those detected during the 2018 event. The comparison indicated that VOC concentrations have generally stabilized or decreased; however, VOC concentrations in may of the Site wells have fluctuated over time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 01/27/2020
Comments: Third Five-Year Review (FYR) Report consisted of a review of relevant documents, including operation and maintenance records, pilot study reports and monitoring data from June 2012 to July 2018. From June 2013 to June 2015, the groundwater sampling frequency changed from quarterly to a semi-annual basis. Seventeen wells were sampled in the spring of each year and 21 wells in the fall. After June 2015, groundwater monitoring did not resume until the groundwater monitoring event in May 2018. Third FYR Report recommended the following: i) Conduct an additional soil gas survey at the Site. ii) Prepare an amendment to 1996 RAP to: (a) change the selected groundwater remedy for the Site from groundwater extraction and treatment to enhanced in-situ bioremediation; and (b) add soil vapor extraction (SVE) and treatment as part of the remedy to address volatile organic compounds (VOC)-impacted soil gas. iii) Install an SVE system to extract soil gas from portions of the Site where soil gas surveys reported soil gas concentrations above federal and state screening levels. iv) Conduct groundwater sampling in the Site s monitoring well network on a semi-annual basis. v) Implement enhanced in-situ bioremediation at hot spots areas of the VOC-impacted groundwater plume and at areas downgradient of the hot spots areas. vi) Implement an expanded groundwater sampling protocol as needed to monitor enhanced in-situ bioremediation effectiveness. vii) Conduct groundwater monitoring in the intermediate (INZ-1, INZ-2 and INZ-3) and deep (DW-1, DW-2 and DW-3) zone aquifers on a semi-annual basis. viii) Conduct groundwater sampling in drinking water wells in areas immediately downgradient and adjacent to the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Fieldwork
Completed Date: 06/04/2018
Comments: Indoor air sampling completed in unit prior to proceeding with Retro Coat pilot study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/12/2018
Comments: Groundwater monitoring had not been performed at the Site since 2015. Comparison of results from the second quarter 2018 groundwater monitoring event with historical data show that the volatile organic compounds (VOC) tetrachloroethene, trichloroethene and vinyl chloride have remained undetectable (< 0.5 micrograms per liter) in samples collected from the deep and intermediate zone aquifer, while results from the shallow aquifer show that the concentrations of these VOCs have stabilized, decreased or increased over time. The reasons for this different behavior in the shallow aquifer are likely phenomena

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associated with historical in-situ remediation efforts implemented at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 016
Completed Document Type: Technical Report
Completed Date: 08/15/2023
Comments: The Unit 016 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on June 29, 2023, at Unit 016 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/11/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in April and July of 2023 on the sub-slab depressurization system (SSDS) installed at Unit 007 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/29/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 024
Completed Document Type: Monitoring Report
Completed Date: 05/25/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air sampling results and findings of sampling activities conducted at Unit 024 on April 25 and 26, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Technical Report
Completed Date: 07/20/2023
Comments: The Unit 019 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on June 1, 2023, at Unit 019 within the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 06/28/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 on June 12 and 13, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/18/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 006 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/12/2024
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/06/2024
Comments: This Work Notice informs the Sandpiper Townhome Community about installation of up to twenty (20)) soil gas monitoring probes for future sampling at the Singer Friden Cleanup Site. Work will take place between May 13-31, 2024, from 08:00AM -05:00PM weather permitting.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Technical Report
Completed Date: 12/19/2023
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Interim Measures Workplan
Completed Date: 09/28/2023
Comments: Vapor Intrusion Barrier Coating Material Application and Associated Sample Collection Activities Work Plan (Work Plan) describes Land Science Technologies' Retro-Coat (Retro-Coat) application, Retro-Coat effectiveness assessment activities, waste management procedures, and reporting. Application of vapor intrusion barrier (Retro-Coat) coating material is being proposed as an alternative mitigation measure with the objective of preventing sub-slab soil gas vapors from migrating to indoor air, in the Unit 007 residence living area,

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via preferential pathways in the on-grade building foundation concrete slab. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC installing mitigation measures, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/17/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in June 2023 on the sub-slab depressurization system (SSDS) installed at Unit 001 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Technical Report
Completed Date: 11/21/2023
Comments: The Sub-Slab Depressurization System Installation Summary and Certification Letter (Report) summarizes the construction of sub-slab depressurization system activities conducted from April 10, 2023, through April 18, 2023, and April 24, 2023, at Unit 023, within the Sandpiper Townhome Complex. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples and installation of sub-slab depressurization system(s), are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Monitoring Report
Completed Date: 04/18/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/19/2023
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 007
Completed Document Type: Fieldwork
Completed Date: 11/14/2023
Comments: Fieldwork notes prepared by Geological Branch Service staff documenting field oversight of activities described in Unit 007 Vapor Barrier Coating Material Application Work Plan, dated September 2023.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/15/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in September 2023 on the sub-slab depressurization system

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(SSDS) installed at Unit 023 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at the Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 06/09/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 on May 8 and 9, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 11/16/2022
Comments: The dual-nested groundwater monitoring wells (GW) GW-6A/ GW-6B and GW-5A/GW-5B installed on June 9th and 10th, 2022; and June 16th, 2022, respectively. The dual-nested GWs consist of 2-inch-diameter schedule 40 polyvinyl chloride (PVC) casing with 0.010 machine-slotted well screen. Each well had a 1-foot silt trap (sump) consisting of blank casing with a bottom plug installed below the screened interval. Shallow wells were noted as A, and deeper wells were noted as B for each borehole. Fifteen-foot screen intervals were set in wells GW-5A and GW-6A, and 10-foot screen intervals were set in wells GW-5B and GW-6B One triple-nested soil gas monitoring well, SGW-36, installed on June 17, 2022, as a temporary soil gas monitoring well according with three well tips located at 5, 10, and 15 feet below ground surface (bgs). The three well tips were color coded as follows: 15 blue, 10 green, and 5 red. Each soil gas monitoring well probe consists of a stainless-steel well tip attached to the end of 0.25-inch-diameter Teflon tubing placed in the center of a 2-foot-thick sand pack. Future soil gas sampling conducted at SGW-36 shall include Helium as a quantitative tracer testing and shall be performed by shrouding to confirm its functionality. If Helium is detected above the maximum allowed concentration (5 %) during a quantitative tracer testing, SGW-36 will be elected to be decommissioned.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/08/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 001 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE

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Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 05/25/2023
Comments: The Soil Vapor Extraction Pilot Test Work Plan (Work Plan) describes the purpose, parameters, and schedule of a soil vapor extraction (SVE) pilot test to evaluate SVE as a viable remedial action technology to address volatile organic compounds (VOCs) in soil gas at the Singer Friden site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 011
Completed Document Type: Monitoring Report
Completed Date: 03/06/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 011. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Technical Report
Completed Date: 01/19/2017
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from October 2016 through November 2016 at Unit 004, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2022
Comments: Sitewide environmental media sampling (soil gas, sewer vapor, sub-slab soil gas, indoor air, outdoor air, and groundwater) started on October 10, 2022, and was completed on October 28, 2022. Indoor air samples were collected at 11 of 15 residences that consented to sampling: 36 soil gas monitoring wells and 18 sewer manhole/cleanouts were sampled

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 08/14/2014
Comments: Contract signed for ERRG to develop a demolition plan for the GWTS in case the property owner gives a 30 day vacate notice.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/17/2014
Comments: Letter to Homeowners sent out requesting volunteers for indoor air sampling along with information fact sheets.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

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Completed Date: 07/25/2014
Comments: Contract Fiscal Approval (CFA) of Contract 13-T3826 for preparation of a workplan to demolish the groundwater extraction treatment system. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/16/2014
Comments: Contract to conduct indoor air sampling fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/07/2014
Comments: Work Order to continue Operation and Maintenance on the Groundwater Treatment System.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/06/2014
Comments: Work order authorizes continued operation of the groundwater extraction treatment system, groundwater monitoring, soil vapor monitoring, sub-slab installations at the Singer site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/07/2015
Comments: All tasks are complete under this contract.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/21/2015
Comments: Amendment to add 6 additional sub-slab systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/29/2015
Comments: Contract amendment for the installation of 6 sub-slab systems. Locations are to be determined.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/07/2015
Comments: Work order amended to add winter sampling event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/30/2014
Comments: PRE-HARP signed.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/29/2015
Comments: Contract 14-T3902 WO 01 A1 to authorize operation and maintenance of Groundwater Extraction Treatment System (GWTS), Soil Vapor Extraction (SVE) and sub-slab system installation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/30/2015
Comments: Work order amendment to authorize installation of variable speed fan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/04/2014
Comments: Contract 14-T3902 authorizes activities required to operate and maintain the groundwater extraction treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/05/2015
Comments: Contract Fiscal Approval (CFA) of Contract 14-T3902 A2 adds fund for (i) operation and maintenance of the groundwater extraction treatment system (GWTS), demolition of GWTS and installation of additional sub-slab depressurization systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 07/25/2014
Comments: Contract Fiscal Approval (CFA) of Contract 13-T3826 for demolishing the groundwater extraction treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/03/2015
Comments: Contract 14-T3902 A2 authorizes activities required for (i) operation and maintenance of the groundwater extraction treatment system (GWTS), demolition of GWTS and installation of additional sub-slab depressurization systems.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/16/2015
Comments: Work order amendment to include certification of installation for sub-slab systems.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Technical Report
Completed Date: 03/29/2017

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Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from December 2016 through January 2017 at Unit 006, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2022
Comments: Sub-slab depressurization system (SSDS) operation maintenance (O&M) was conducted at four (4) of seven (7) units (residences) where SDSSs are installed. O&M activities were not conducted at units where either property owners indicated that they would not be available in October 2022 or did not respond to DTSC solicitation to access their properties. DTSC will conduct the annual O&M of installed SSDSs in January 2023.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/23/2023
Comments: Community Update informed Sandpiper Townhome Complex (Sandpiper) residents of a virtual Community Meeting to be held on July 19, 2023. The purpose of the Community Meeting is to inform Sandpiper s residents about the results of environmental investigations conducted in 2021, 2022 and plans for future environmental investigations at the Sandpiper.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Technical Report
Completed Date: 03/20/2023
Comments: The Report describes the activities to assess the effectiveness of 2018 2019 RetroCoat pilot study as a mitigation measure to prevent vapor intrusion (VI) of volatile organic compounds (VOCs) to indoor air within Unit 009. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/24/2023
Comments: Sewer Vapor Investigation Report summarizes results and findings of a soil gas monitoring event performed in October 2022. Sewer vapor samples were collected from fifteen (15) manholes and three (3) sewer cleanouts located at Singer Friden site (Site). Sewer vapor samples were collected as grab samples by drawing sewer vapor into evacuated Summa canisters from each of the manholes and cleanouts. Sewer vapor samples reported presence of Site s primary chemical of concerns, trichloroethene, tetrachloroethene, cis-1,2-dichloroethene and vinyl chloride.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

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Completed Date:	03/21/2023
Comments:	Soil Gas Monitoring Report summarizes results and findings of a soil gas monitoring event performed in October 2022. Soil gas samples were collected from triple-nested soil gas wells (SGW) at depths of 5, 10, and 15 feet below grade surface (bgs) at seven (7) SGW locations, and at 5 and 15 feet bgs at 29 SGW locations. The most prevalent detected volatile organic compounds (VOCs) were tetrachloroethene (PCE) and trichloroethene (TCE). PCE was detected in all 90 samples. PCE results for all 90 samples exceeded the screening level of 15.33 micrograms per cubic meter (μg/m3), with concentrations ranging from 43 g/m3 at well SGW-35-15 to 76,000 μg/m3 at well SGW-17-15. TCE was detected in 81 of 90 samples. TCE results for 69 samples exceeded the screening level of 16 μg/m3, with concentrations ranging from 2.7 μg/m3 at well SGW-35-5 to 14,000 μg/m3 at well SGW-22-15.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	02/13/2024
Comments:	The Active/Passive Soil Gas Investigation Work Plan describes the purpose, procedures, and schedule for active and passive soil gas sampling events at onsite and offsite locations.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Work Notice
Completed Date:	08/07/2023
Comments:	Work Notice distributed to local community to provide information about a soil vapor pilot test that will be conducted at the Singer Friden site. Work Notice distributed to 315 USPS mailing addresses.
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 011
Completed Document Type:	Monitoring Report
Completed Date:	02/22/2024
Comments:	Not reported
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 009
Completed Document Type:	Technical Report
Completed Date:	06/17/2024
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/25/2023
Comments:	Fieldwork notes of GSU staff of oversight activities conducted on 9/27/2023 and 9/28/2023
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	11/27/2023
Comments:	The Environmental Noise Assessment Report (Report) presents an acoustical evaluation of the background noise in the Sandpiper

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Townhome Complex property, and predictions of the expected level of noise to be produced by the Soil Vapor Extraction (SVE) device and by the generator needed to power it.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 025
Completed Document Type: Monitoring Report
Completed Date: 09/14/2023
Comments: The Indoor Air Sampling Monitoring Letter Report (Report) documents the indoor/ambient air samples results and findings of sampling activities conducted at Unit 025 on August 9 and 10, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Technical Report
Completed Date: 11/03/2023
Comments: The Unit 020 Foundation Inspection Report summarizes the visual inspection of the concrete slab foundation performed on August 30, 2023, at Unit 020 in the Sandpiper Townhouse Complex at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC accessing their properties to conduct environmental investigation are referred to as Units in the Reports. All confidential information, if applicable, has been redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Technical Report
Completed Date: 03/31/2023
Comments: The Technical Assessment evaluates a sub-slab depressurization system (SSDS) at a residential Unit 023 within the Singer Friden site. The Technical Assessment includes a brief description of the Site background, and an evaluation of potential locations for effective operation of proposed SSDS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 06/28/2024
Comments: Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Monitoring Report
Completed Date: 03/31/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 023 from October 11, 2022, to March 9, 2023. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/23/2018
Comments: Work Order issued for semiannual groundwater monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 06/18/2019
Comments: The Native American Heritage Commission conducted a search of the Sacred Land File with negative results for the area of the Singer Friden Site in San Leandro (Site). Letters were mailed to the seven Tribal contacts identified and included two maps locating the Site as attachments. The DTSC Office of Environmental Equity (OEE) received no requests for consultation regarding this Site. Thus, DTSC OEE considered he Tribal outreach and engagement completed and approved proceeding with the planned site investigation activities.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 005
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/16/2019
Comments: Post card inviting local residents to participate in an Open House event. During this event DTSC will provide results of an indoor air monitoring survey conducted at their homes and explain the performance of the sub slab depressurization systems installed in homes.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 009
Completed Document Type: Correspondence
Completed Date: 09/17/2018
Comments: Informational letter indicating the new assigned project manager.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/30/2018

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Comments:	Dundee Homeowners Association approval for DTSC to install remediation systems at residences within the Sandpiper Condominium Complex
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/01/2005
Comments:	1,815,700 gallons of water was treated during May 2005.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	07/01/2005
Comments:	The treatment system removed an estimated 6.97 pounds of VOCs, and discharged 5,742,300 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	09/01/1993
Comments:	The Fact sheet announced 30 day comment period for Engineering Evaluation and Cost analysis Report and negative declaration which includes a proposed pump and treat system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/03/2006
Comments:	1,210,300 gallons of water was treated during February 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	12/04/2006
Comments:	A total of 263,100 gallons of water was extracted and treated in October 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	10/20/2005
Comments:	The treatment system removed an estimated 3.84 pounds of VOCs, and discharged 2,951,161 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	02/02/2006
Comments:	The treatment system removed an estimated 19.01 pounds of VOCs, and discharged 15,346,500 gallons of treated groundwater into the San Leandro storm sewer system.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2005
Comments: 298,480 gallons of water was treated during October 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/03/2006
Comments: 53,900 gallons of water was treated during November 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2006
Comments: Total volume water treated during the first quarter was 2.8 million gallons. Estimated volatile organic compound (VOC) removal was 3.2 pounds.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/08/2006
Comments: The treatment system removed an estimated 4.04 pounds of VOCs, and discharged 4,527,200 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/30/2005
Comments: 2,050,800 gallons of water was treated during May 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/03/2009
Comments: Received the Notice of General Permit Coverage for Discharge from Water Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/11/2005
Comments: 902,589 gallons of water treated in August 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/19/2007
Comments: The treatment system removed an estimated 3.55 pounds of VOCs, and discharged 4,557,000 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 09/01/1991

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Comments:	Public Participation Plan completed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/22/2007
Comments:	A total of 1,163,000 gallons of water was treated fromDecember 28, 2006 to January 30, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/05/2007
Comments:	A total of 1,144,000 gallons of water was treated from January 31, 2007 to February 28, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	11/13/2006
Comments:	Contract Master Service Agreement with Weiss Associates
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/01/2007
Comments:	A total of 2,380,800 gallons of water was treated from February 28, 2007 to March 26, 2007. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	12/02/2009
Comments:	A total of 1,448,300 gallons of water was treated by the system during the discharge period from September 29, 2009 to October 27, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/05/2010
Comments:	A total of 2,236,000 gallons of water was treated by the system during the discharge period from February 2, 2010, to March 2, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	05/03/2010
Comments:	A total of 2,217,400 gallons of water was treated by the system during the discharge period from March 2, 2010 to March 30, 2010. Implementation of follow-up actions based on the recommendations of

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the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/06/2010
Comments: A total of 2,919,500 gallons of water was treated by the system during the discharge period from March 30, 2010 to May 4, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/18/2010
Comments: The treatment system removed an estimated 15.66 pounds of VOCs, and discharged 17,225,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/04/2009
Comments: The treatment system removed an estimated 5.99 pounds of VOCs, and discharged 7,256,800 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/31/2009
Comments: A total of 238,600 gallons of water was treated by the system during the discharge period from October 27, 2009 to December 2, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/18/2010
Comments: A total of 552,000 gallons of water was treated by the system during the discharge period from December 2, 2009 to January 5, 2010. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2010
Comments: The treatment system removed an estimated 5.6 lbs pounds of VOCs, and discharged 7,925,700 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/02/2010

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Comments: The treatment system removed an estimated 4 pounds of VOCs, and discharged 5,388,100 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/08/2009
Comments: A total of 2,691,500 gallons of water was treated by the system during the discharge period from June 22, 2009 until July 28, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/12/2009
Comments: A total of 2,609,800 gallons of water was treated by the system during the discharge period from July 28, 2009 until August 31, 2009. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report continued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/14/2009
Comments: 2 wells on 2450 Washington Avenue was abandoned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/25/2009
Comments: Final NPDES Permit issued by Water Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/30/2010
Comments: The treatment system removed an estimated 5.8 lbs pounds of VOCs, and discharged 7,607,300 gallons of treated groundwater into the San Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/15/2011
Comments: The total volume of treated water for the fourth quarter 2010 and during 2010 was 6,019,400 gallons and 26,940,500 gallons, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/07/2011
Comments: The total volume of treated water for the first quarter 2011 was 3,122,200 gallons.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	08/16/2011
Comments:	The total volume of treated water for the second quarter 2011 was 3,889,900 gallons.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan Amendment
Completed Date:	07/19/2010
Comments:	Addendum to O & M plan approved based on 5 year review recommendations.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Report
Completed Date:	02/25/2020
Comments:	Soil gas analytical results for the 70 soil gas samples collected from the 35 nested soil gas monitoring wells installed for this project indicate widespread detections of trichloroethene (TCE) and tetrachloroethene (PCE) across the Site on both investigated depths, 5 and 15 feet below ground surface. The potential indoor air concentrations resulting from measured soil gas concentrations were calculated by considering a generic attenuation factor of 0.03. The results indicate that predicted indoor air concentrations of PCE and TCE may exceed the residential air screening levels in the vicinity of most of the soil gas monitoring wells. The risks of volatile organic compounds vapor intrusion (VI) into nearby buildings may also be augmented by the presence of preferential VI pathways such as subsurface utility corridors and cracks in concrete building foundations. These results indicate that further investigation of site conditions is warranted to further evaluate potential risks to human health at the Site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	10/03/2013
Comments:	Technical Memorandum summarizes the August 2013 soil vapor well sampling event at the Site. The work was conducted under Work Order No. 001 of Contract No. 09-T9128 A3. Soil vapor data continues to show trichloroethene concentrations up to 200 micrograms per liter in the investigated soil vapor monitoring wells.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/08/2011
Comments:	A total of 690,200 gallons of water was treated by the system during the discharge period from January 3, 2011, to February 1, 2011.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/25/2011
Comments:	A total of 1,061,600 gallons of water was treated by the system

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during the discharge period from February 1, 2011 to March 1, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/28/2011
Comments: A total of 1,370,400 gallons of water was treated by the system during the discharge period from March 1, 2011 to April 1, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2011
Comments: A total of 1,438,100 gallons of water was treated by the system during the discharge period from April 1, 2011 to May 3, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/30/2019
Comments: The Soil Gas Investigation Workplan provides the means and methods to conduct a soil gas investigation for volatile organic compounds at the Site and was developed based on guidelines provided by the 2015 DTSC Advisory for Active Soil Gas Investigations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2011
Comments: A total of 878,800 gallons of water was treated by the system during the discharge period from May 3, 2011 to May 24, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/09/2011
Comments: A total of 1,573,000 gallons of water was treated by the system during the discharge period from May 24, 2011 to June 30, 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/25/2014
Comments: Site-Specific Health and Safety Workplan for Vapor Control System/Sub-Slab Depressurization Systems installed at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/19/2015
Comments: NPDES Report submitted to RWQCB per the permit requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/16/2015
Comments: Final diagnostic plan to evaluate sub-slab system performance under

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varying conditions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/09/2014
Comments: Treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 19,700 gallons of water was processed through the remediation system during the August 2014 reporting period from July 31, 2014 to September 5, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/15/2015
Comments: Data looks consistent with historical trends. Well EW 6 continues to increase.

Completed Area Name: Indoor Air - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/31/2016
Comments: March 2016 indoor air sampling and SSD diagnostic. Elevated moisture was found in all SSDs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2015
Comments: Operation within normal ranges

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/02/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 17,100 gallons of water was processed through the remediation system during the August 2015 reporting period from July 31, 2015 to September 1, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/02/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 12,400 gallons of water was processed through the remediation system during the September 2015 reporting period from to September 1, 2015 to September 30, 2015. The system was turned off on September 30, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/20/2015
Comments: Groundwater Extraction and Treatment Plant Demolition complete. Site restored.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 04/01/2016
Comments: Demolition of groundwater extraction and treatment system complete. Site restored by paving and refencing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 20,400 gallons of water was processed through the remediation system during the March 2015 reporting period from March 3, 2015, to March 27, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/22/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 16,300 gallons of water was processed through the remediation system during the November 2014 reporting period from October 31, 2014, to December 1, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/26/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 23,100 gallons of water was processed through the remediation system during the December 2014 reporting period from December 1, 2014, to December 31, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/17/2014
Comments: The total volume of treated water for the third quarter 2014 was 49,300 gallons. The total volume treated since the remediation system operation began was 191,844,006 gallons.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/18/2015
Comments: Data is similar to previous results.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2015
Comments: Data within normal ranges

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report

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Completed Date: 04/07/2015
Comments: Risk assessment conducted by DTSC's Human & Ecological Risk Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/18/2015
Comments: Soil vapor results continue to show results for TCE, PCE and VC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/13/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 11,700 gallons of water was processed through the remediation system during the September 2014 reporting period from September 5, 2014 to October 1, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/13/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 12,700 gallons of water was processed through the remediation system during the October 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/17/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 3,300 gallons of water was processed through the remediation system during the January 2015 reporting period from January 1, 2015, to January 31, 2015 and 3,100 gallons during the February reporting period from February 1, 2015 through February 28, 2015. The low flow totals for January and February were a result of system down time due to the malfunctioning uninterruptable power supply, which was replaced on February 19, 2015.
Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/29/2012
Comments: Work order to conduct SVE pilot study was issued to URS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Responsible Agency Review
Completed Date: 10/25/2011
Comments: Comment letter sent to City of San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/16/2001
Comments: Amendment

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/21/2010
Comments: Consent letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/18/2012
Comments: CFA approved for URS SVE pilot study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/26/2012
Comments: Contract to conduct soil vapor pilot study fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/24/2011
Comments: CFA approved to continue O&M of groundwater treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/15/2013
Comments: Work Order Amendment to prepare a conceptual design for a possible SVE system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/24/2000
Comments: Task Order Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/19/2001
Comments: Amendment

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/21/2013
Comments: Contract 11-T1105 A-1 Extension

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 10/07/2014
Comments: Access agreements for two units signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/03/2013
Comments: ERRG Master Service Agreement (MSA) 09-T9105

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/13/2014
Comments: Contract Fiscal Approval (CFA) 09 T9128 for indoor air sampling at the Singer Friden site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 11/03/2015
Comments: Work order issued for sub-slab system installation, GWTS O&M and GWTS Demolition.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/27/2015
Comments: Notification of Change in DTSC Project Manager

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/15/2014
Comments: CFA 09-T9128 extension to January 1, 2015

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/29/2014
Comments: Contract 09-T9128 WO1 A-4 establishes funds to continue O&M on the GWTS.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 02/17/2017
Comments: Site visit 2017-02-13. Post-HARP signed 2017-02-17.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 02/04/2016
Comments: Access agreement to install a SSDS at Unit 002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 05/01/2017
Comments: Uploaded 5/1.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Pre-HARP Form
Completed Date: 02/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2014
Comments: Contract 13-T3786

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/17/2014
Comments: This Work Order 1 is for conducting indoor air sampling at the Singer Friden Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Five-Year Review Reports
Completed Date: 06/13/2006
Comments: Five-Year Review determined that treatment system is capturing highest groundwater VOCs and has significantly reduced VOCs but concentration trends are leveling off.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/23/2001
Comments: Completed RA. Startup Report approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/30/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/28/1991
Comments: A briefing package has been prepared and a public meeting was held to present groundwater, soil and air quality testing that was conducted at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/03/2006
Comments: 1,537,200 gallons of water was treated in April 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 04/01/2005
Comments: The treatment system removed an estimated 7.14 pounds of VOCs, and discharged 5,930,700 gallons of treated groundwater into the San

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Leandro storm sewer system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/15/2005
Comments: The purpose of the Workplan is to evaluate the potential for migration of volatile organic compounds (VOCs) into the indoor air of residential units at the Site. This will be accomplished by taking soil gas samples from ten (10) locations across the Site. Following the implementation of the Workplan, a Five-Year Report will be prepared, which will summarize the soil gas sampling results and will evaluate the effectiveness of the Site groundwater treatment and monitoring system, including capture zone analysis and recommendations for future Site activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/13/2003
Comments: Completed PEA for 2450 Washington Avenue. No Further Action letter issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 01/26/1998
Comments: Offsite conveyance design and revised treatment facility design completed based on 200 gpm flow rate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 10/15/1996
Comments: Approved RAP. Final Remedy includes shallow groundwater extraction in "hot spot" areas and treatment using granular activated carbon. The treatment system will be located outside of the condominium complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/06/1995
Comments: Completed RIFS for shallow groundwater which found PCE and TCE at elevated concentrations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/12/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/28/1991
Comments: RI report indicates shallow groundwater has significant VOC contamination, soil samples do not show high levels of contaminants,

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and soil vapor samples have elevated concentrations of VOCs and ambient air quality samples showed similar values to the background levels in San Leandro.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 10/03/1988
Comments: Preliminary Assessment evaluated the chemicals used at the Singer Friden plant, waste collection systems at the plant and potential migration pathways of chemicals from the plant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/04/2005
Comments: 1,261,700 gallons of water was treated during July 2005.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2006
Comments: 1,369,700 gallons of water was treated during March 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/13/2004
Comments: California Regional Water Quality Control Board, San Francisco Bay Region, issued the authorization to discharge treated groundwater under the requirements of Order No. R2-2004-0055, NPDES Permit No. CAG912003 (VOC).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 11/02/2006
Comments: 1,527,900 gallons of water was treated from August 25, 2006 to September 18, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 06/13/2006
Comments: 1,537,200 gallons of water was treated in April 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/08/2006
Comments: 833,700 gallons of water treated in June 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 09/29/2006
Comments: 1,028,500 gallons of water was treated in August 2006.

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	01/18/2007
Comments:	A total of 1,166,800 gallons of water was treated from October 31, 2006 to November 29, 2006. Implementation of follow-up actions based on the recommendations of the Five-Year Review Report was initiated.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Health & Safety Plan
Completed Date:	12/04/2020
Comments:	Site-Specific Protection Plan (SPP) provides instructions to field staff on how to implement Alameda County Shelter in Place Order and Face Coverings Order. SSP includes COVID-19 precautionary measures by informing (i) individual control measures and screenings; (ii) cleaning and disinfecting protocols; (iii) schedule for disinfecting high traffic areas and commonly used surfaces; (iv) physical distancing guidelines; (v) notification requirements of COVID-19 positive case and (vi) training requirements.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	10/26/2022
Comments:	Indoor air samples were collected at 11 of 15 residences that consented to sampling.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 007
Completed Document Type:	Operation and Maintenance Report
Completed Date:	03/08/2023
Comments:	The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 007 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 016
Completed Document Type:	Monitoring Plan
Completed Date:	03/14/2023
Comments:	Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 016. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 021
Completed Document Type:	Monitoring Report
Completed Date:	03/14/2023
Comments:	Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit

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021. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 018
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 018. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 020
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 020. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 017
Completed Document Type: Monitoring Plan
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 017. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 015
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 015. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 014
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 014. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor

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air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2022
Comments: Sub-Slab Depressurization System (SSDS) Design Review and Recommendations technical memorandum (Technical Memorandum) presents the background, SSDS design and performance evaluation, and potential improvement options to installed SSDS at seven townhome units at the Site.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 006
Completed Document Type: Operation and Maintenance Report
Completed Date: 12/20/2022
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in October 2022 on the sub-slab depressurization system (SSDS) installed at Unit 006 at the Former Singer Friden Facility. The O&M activities consisted of visual inspection of the SSDS and its components, and collection of one (1) indoor air sample at Unit 006 s kitchen area. The O&M activities were performed in general accordance with the Work Plan for Diagnostic Testing and Operation and Maintenance Plan of Existing SSD Systems at the Former Singer-Friden Site . The inspection included noting any malfunctions, irregularities, leaks, or collection of moisture within the SSDS or ductwork. One (1) indoor air sample was collected on October 21, 2022, in accordance with ERRG s 2014 Indoor Air Sampling Work Plan Addendum .

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 008
Completed Document Type: Technical Report
Completed Date: 02/01/2018
Comments: Certification letter summarizes construction of sub-slab depressurization system activities conducted from October 2017 through November 2017, at Unit 008, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 03/03/2023
Comments: The Sewer Vapor Sampling Work Plan 2nd Addendum revises the April 2021 Sewer Vapor Investigation Work Plan and its addendum (July 2021 Addendum) incorporate sewer vapor sampling activities planned to occur at Unit 023 located at the Singer Friden Site. All confidential information is redacted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 09/30/2022
Comments: Sewer Vapor Investigation Work Plan Addendum summarizes updates to the July 2021 Sewer Vapor Investigation Work Plan Addendum. The original Sewer Vapor Investigation Work Plan (Work Plan) describes

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pre-field activities; the sewer vapor sampling and analysis plan, including sewer vapor grab sampling and passive sampling methods; the quality assurance plan; and reporting. The July 2021 Addendum provides an update to the original Work Plan based on site reconnaissance and the results of an underground utility survey.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 004
Completed Document Type: Operation and Maintenance Report
Completed Date: 07/12/2023
Comments: The Report summarizes the operation and maintenance (O&M) activities performed in April 2023 on the sub-slab depressurization system (SSDS) installed at Unit 004 at the Former Singer Friden Facility. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC to install SSDS, are referred to as Units in the Reports. All confidential information is redacted

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 019
Completed Document Type: Monitoring Report
Completed Date: 03/14/2023
Comments: Indoor Air Monitoring Report (Report) that documents the indoor air samples results and findings of sampling activities conducted at Unit 019. For the purpose of confidentiality, residences located at Singer Friden site, San Leandro, which consented to DTSC collecting indoor air samples, are referred to as Units in the Reports. All confidential information is redacted.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 023
Completed Document Type: Interim Measures Workplan
Completed Date: 03/24/2023
Comments: Sub-Slab Depressurization System (SSDS) Installation Work Plan provides procedures for installing a SSDS, including the following: (i) suction point excavation and sub-slab access from the exterior of Unit 023 (ii) SSDS component assembly including materials used; and (iii) construction design. Unit 23 is located within the Sandpiper Townhouse Complex at the former Singer-Friden Facility.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/20/2023
Comments: Groundwater Monitoring Report summarizes results and findings of a groundwater monitoring event performed at dual nested wells GW-5A/5B and GW-6A/6B in October 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 01/16/2014
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 54,899 gallons of water was processed through the remediation system during the December 2013 reporting period from December 1 to December 31, 2013.

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Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 06/24/2014
Comments: HASP is included as an appendix to the Indoor Air Workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/30/2014
Comments: Work plan includes detailed procedures for indoor air sampling to be conducted in the townhomes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/26/2015
Comments: Workplan for the demolition of the Groundwater Treatment System

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 02/24/2016
Comments: Final NPDES Report fro Groundwater extraction and Treatment System

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 05/11/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 14,800 gallons during the April reporting period from March 27, 2015 through April 28, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/26/2014
Comments: Work Notice to Sandpiper community informing that indoor air sampling will be conducted at all residents homes who have allowed access for sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/16/2014
Comments: The NPDES Discharge Permit NOI was sent in on time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/11/2015
Comments: Diagnostic testing conducted on Unit 002. Follow up indoor air sampling will be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

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Completed Date: 11/06/2015
Comments: Work Notice issued for GWTS Demolition.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 001
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from August 2014 through September 2014 at Unit 001, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/26/2014
Comments: Schedule did not allow for June sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/23/2015
Comments: The Indoor Air Sampling Report is not available on the EnviroStor because it contains confidential information. The public may review a bounded copy of the Report at the DTSC Berkeley Office File Room (Public Repository). Confidential information will be redacted before the Report become available for public review. The indoor air sampling report documents results of units 001, 002 and 003. Additionally, the report informs that the sub-slab depressurization fan system installed at unit 002 was replaced by a variable speed fan, operating at 16-inch water column.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 09/08/2014
Comments: Design is approved by Registered Professional Engineer as proposed. Confirmation sampling required after installation to ensure system operation is adequate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 08/10/2015
Comments: The total volume of treated water for the second quarter of 2015 was 43,700 gallons. The total volume treated since the remediation system began operation on May 4, 2001, was 191,966,606 gallons. The system operated in compliance with requirements of NPDES VOC and Fuel General Permit No. NPDES Permit No. CAG912002, Order No. R2-2012-0012. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 10/20/2015
Comments: Report was prepared by ERRG on behalf of DTSC. The Report documents locations where samples were collected. Analytical results to

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document compliance with discharge requirements for system flow and mass removal data; and operational status of the treatment system and observations.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 002
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed from August 2014 through November 2014 at Unit 002, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation and Maintenance Report
Completed Date: 03/17/2015
Comments: The treated groundwater discharge line s flow meter and totalizer (FI-FQI-TW) recorded that 3,300 gallons of water was processed through the remediation system during the January 2015 reporting period from January 1, 2015, to January 31, 2015 and 3,100 gallons during the February reporting period from February 1, 2015 through February 28, 2015. The low flow totals for January and February were a result of system down time due to the malfunctioning uninterruptable power supply, which was replaced on February 19, 2015. Not reported

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 003
Completed Document Type: Technical Report
Completed Date: 06/05/2015
Comments: Certification letter summarizes sub-slab depressurization system design, installation, and completion performed in November 2014 at Unit 003, within the Sandpiper Townhome Complex.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2020
Comments: Supplemental Groundwater Monitoring Well Location Evaluation Report (Report) provides construction design recommendations to install three dual completion groundwater monitoring wells at three distinct locations at the site. Construction design recommendations are based on August/September 2019 soil gas sampling results which indicated the presence of volatile organic compounds in areas where groundwater has not been routinely monitored.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/14/2022
Comments: Sampling activities completed on July 14, 2022. Nested soil gas monitoring well SGW-36 sampled on June 28, 2022. Dual-completion groundwater monitoring wells GW-5 and GW-6 sampled on July 14, 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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Completed Document Type: Operation and Maintenance Report
Completed Date: 12/15/2021
Comments: Addendum - Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (SSDS) summarizes actions taken to address June 2021 O&M Summary Report recommendations and DTSC guidance as following: 1. Replace SSDS fans at Units 003 and 006. 2. Replace the existing SSDS fan shroud at Unit 006 with a shroud similar to the one currently in place at Unit 008 to reduce noise emission. 3. Perform annual O&M maintenance on the SSDS fan installed at Unit 007 s detached garage area. Recommendations were implemented and property documented in the Report. Additionally, Report recommends adjusting SSDS variable speed fan installed in the Unit 007 s detached garage area and replacing SSDS non-adjustable fan installed in the Unit 007 s backyard of Unit 007 If the flow rate of variable and non-adjustable fans that remain outside the specified range as determined in the 2015 Diagnostic Testing and O&M of Existing SSDS Work plan. Report s recommendation will be implemented during the next annual O&M inspection in January 2022.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/06/2022
Comments: The Report documents results of soil gas samples collected at the newly installed triple-nested soil gas monitoring well (SGW-36) at depths of 5, 10, and 15 feet below ground surface on June 28, 2022. Soil gas results reported presence of primary chemical of concerns (e.g., tetrachloroethene, trichloroethene, and vinyl chloride), with maximum concentrations of 660 micrograms per cubic meter (g/m3), 11 g/m3 and 0.38 g/m3, respectively. Helium was detected in all soil gas samples with concentrations ranging from 0.33 percentage (%) to 94%. Because of significant ambient air breakthrough occurred during sampling, soil gas sample results are not suitable for site characterization delineation or human health risk assessment purposes. SGW-36 should be decommissioned if reported leak cannot be corrected or monitoring well was not constructed according to July 2015 DTSC Advisory: Active Soil Gas Investigations recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/19/2020
Comments: Postcard sent to local community informing about a Community Update Workshop that will be held at local community center on February 29, 2020.

Completed Area Name: SITES WITH NO OPERABLE UNIT
Completed Sub Area Name: Unit 012
Completed Document Type: Monitoring Report
Completed Date: 12/23/2019
Comments: Air sampling report letter summarizes indoor air samples results collect at Unit 012 in September 2019.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/08/2020

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Comments:	Five (5) junction box vaults welded on September 2020 Two (2) within the Sandpiper Townhome Complex s streets, one (1) just outside the Washington Avenue access gate to the complex, and two (2) along Washington Avenue.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation and Maintenance Report
Completed Date:	04/27/2022
Comments:	2021 Operations and Maintenance Summary Report for Sub-Slab Depressurization Systems (Report) provides a summary of operation and maintenance (O&M) inspections on sub-slab depressurization systems (SSDSs) at Units 001, 002, 004, 006, 007 and 008. With exceptions noted and documented in the Report as deviations from the Work Plan for Diagnostic Testing and O&M Plan of Existing SSDS (Work Plan), the O&M activities were done in general accordance with the Work Plan. The final document has information redacted due to confidentiality. A non-redacted version of the Report is available upon request at DTSC Berkeley Office File Room.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	12/14/2022
Comments:	December 2022 Groundwater monitoring sampling completed on 12/14/2022. Not reported
Completed Area Name:	SITES WITH NO OPERABLE UNIT
Completed Sub Area Name:	Unit 013
Completed Document Type:	Monitoring Report
Completed Date:	12/23/2019
Comments:	Air sampling report letter summarizes indoor air samples results collect at Unit 013 in September 2019.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	05/18/2021
Comments:	Work plan describes the investigation methods to assess the presence of volatile organic compounds (VOCs) in sewer vapor in sanitary lines in three investigation focus areas at the Singer Friden site
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Monitoring Report
Completed Date:	03/17/2022
Comments:	Review of groundwater elevation and potentiometric surface data cannot confirm potential vertical gradients between the four water-bearing zones at the Site as reported in previous semiannual groundwater monitoring reports. Nested monitoring wells that penetrate the two upper water-bearing zones are scheduled be installed at the Site in the first half of 2022. Concentrations of primary and other volatile organic compounds (VOCs) reported during historical sampling events were compared with the concentrations reported during the December 2021 and January 2022 sampling event. Analytical results from the December 2021 and January 2022 sampling event indicate that VOC concentrations have generally stabilized or

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decreased over time. Generally, VOC concentrations have shown occasional increases and fluctuations due to one or more of the following conditions: (1) seasonal variation of groundwater elevations and flow conditions, (2) removal of the groundwater extraction treatment system, and (3) redistribution of the dissolved contaminant mass in saturated porous media over time

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/12/2021
Comments: Planned fieldwork activities completed on 8/12/21.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/15/2021
Comments: Soil Gas Monitoring Report to summarize the soil gas monitoring event conducted at Singer Friden site in August 2021. Tetrachloroethene (PCE) and trichloroethene (TCE) have generally decreased or remained stable in the wells monitored in the August 2021 soil gas monitoring event when compared to the results of August 2019 soil gas monitoring event. Significant increases in the concentration of PCE occurred in the sample collected from SGW-13 at 5 feet below ground surface (bgs) and from the samples collected from SGW-29 at both 5 and 15 feet bgs. TCE concentration increases occurred in the sample collected from SGW-29 at 5 feet bgs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/10/2020
Comments: Third Five-Year Review Report Fact Sheet provides a status update of environmental cleanup efforts conducted at the former Singer Friden facility (Site) from June 2012 to July 2018. The Site is currently in the operation and maintenance phase of work, which requires DTSC to review available data every five years. The purpose of a Five-Year Review is to evaluate the implementation and performance of a remedy to determine if it is or will be protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/09/2021
Comments: The Hazard Appraisal and Recognition Plan provides essential information about hazards associated the Site, defines protocols necessary for protecting on-site personnel from the hazards associated with supplemental investigations to be conducted at the Singer Friden Site, and establishes site safety and health policies and procedures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/04/2021
Comments: Fieldwork completed on August 4, 2021

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Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Workplan
Completed Date:	07/28/2021
Comments:	Sewer Vapor Implementation Work Plan Addendum (Work Plan Addendum) provides an update of site conditions and includes results of a utility survey conducted at the Site during the week of July 12th, 2021. Additionally, the Work Plan Addendum describes additional details of the methods that will be implemented at the Site according to the Sewer Vapor Implementation Work Plan (approved on May 18, 2021) and Addendum. Fieldwork activities will be performed by Engineering/Remediation Resources Group, Inc. (ERRG).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	11/24/2021
Comments:	Not all utilities are shown. Water pipes were mostly non-conductive, and therefore not locatable. Many of the water valves could not be accessed; thus, depths to top of valve nuts could not be determined. Some sewer and natural gas laterals were not accessible and therefore not located. Depths shown are to center of conductive utility and are generally +/-10% of actual depth, when not distorted by adjacent conductors. Accuracy of electronic depth decreases when adjacent utilities are located within 5 ft. Critical depths require verification by potholing. Sanitary and storm depths are measured from rim to invert level. Basis of Bearings: Horizontal and Vertical Survey based on coordinates of monitoring wells provided by ERRG.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	06/21/2022
Comments:	Fieldwork activities completed on June 21, 2022. Dual-Completion monitoring wells GW-5 and GW-6, and nested soil gas monitoring well SGW-36 installed according to respective work plans. Dual-Completion monitoring wells GW-4 installation postponed to a later date due to logistic restrictions.
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:	Access Agreement
Schedule Due Date:	09/17/2024
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Remedial Investigation / Feasibility Study
Schedule Due Date:	03/15/2025
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Five-Year Review Reports
Schedule Due Date:	06/30/2025

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Schedule Revised Date: Not reported

Calsite:

Name:	SINGER FRIDEN
Address:	2350 AND 2450 WASHINGTON AVENUE
City:	SAN LEANDRO
Region:	BERKELEY
Facility ID:	01360094
Facility Type:	STATE
Type:	STATE FUNDED SITE
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	04282003
Status:	CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name:	CERTIFIED / OPERATION & MAINTENANCE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	36
SIC Name:	MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Access:	Uncontrolled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	JRANDENI
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	SF
Region Water Control Board Name:	SAN FRANCISCO BAY
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	18
State Senate District Code:	10
Facility ID:	01360094
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04011988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

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For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04011988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02281991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported

SINGER FRIDEN (Continued) **S101272670**

Revised Due Date:	Not reported
Comments Date:	05221991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	EXP
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06281991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	PRP
Activity Name:	POTENTIAL RESPONSIBLE PARTY SEARCH
AWP Code:	BASE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06281991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

SINGER FRIDEN (Continued) **S101272670**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	WELLS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08301991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	GWOFF
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06121992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

SINGER FRIDEN (Continued) **S101272670**

Facility ID:	01360094
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	ISE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07171992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	SH GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09061995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	SH GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10151996
Est Person-Yrs to complete:	0

SINGER FRIDEN (Continued) **S101272670**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	DES
Activity Name:	DESIGN
AWP Code:	SH GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01261998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08232001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported

SINGER FRIDEN (Continued) **S101272670**

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04282003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NEG'D
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10151996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	COST
Activity Name:	COST RECOVERY

SINGER FRIDEN (Continued) **S101272670**

AWP Code:	SETTL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11181996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	SETTL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02231993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03132003
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM

SINGER FRIDEN (Continued) **S101272670**

Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01360094
Activity:	5YEAR
Activity Name:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	04302008
Revised Due Date:	05012006
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	2481 SAN LEANDRO BOULEVARD
Alternate City,St,Zip:	SAN LEANDRO, CA 94577
Alternate Address:	2350 AND 2450 WASHINGTON AVENUE
Alternate City,St,Zip:	SAN LEANDRO, CA 94577
Background Info:	The Singer Company (and its predecessors-in-interest, Friden, Inc.; FRD, Inc.; and Friden Calculating Machine Co., Inc.) owned and operated a manufacturing facility (20 acres) that produced sewing machines and parts, adding machines, computers, data processing equipment, mailroom equipment, and printing machines. The known operation of this site was from 1941 to 1977.
Comments Date:	01261998
Comments:	Completed Design of treatment facility, based on 300 gallons per
Comments Date:	01261998
Comments:	minute (gpm) flow rate. Offsite conveyance design was not
Comments Date:	01261998
Comments:	included.
Comments Date:	02051996
Comments:	Completed excavation of 25 cubic yards of VOC contaminated
Comments Date:	02051996
Comments:	soil discovered during installation of conveyance piping.
Comments Date:	02231993

SINGER FRIDEN (Continued) **S101272670**

Comments:	Cost Settlement in US Bankruptcy Court regarding Bicoastal Corp.
Comments Date:	02231993
Comments:	(dba Simuflite fka The Singer Company) Case No. 89-8191-BKC-8P1.
Comments Date:	02231993
Comments:	DTSC receives $2,500,000. $2,250,000 applied to the Singer
Comments Date:	02231993
Comments:	Friden Site and $250,000 to 3176 Porter Drive in Palo Alto.
Comments Date:	02231993
Comments:	Settlement also addressed claims of the Dundee Homeowners Assoc.
Comments Date:	02231993
Comments:	DTSC and Dundee also settled their claims against each other, as
Comments Date:	02231993
Comments:	well as future access to the property by DTSC.
Comments Date:	03132003
Comments:	Completed PEA. Soil gas, soil, and groundwater have been
Comments Date:	03132003
Comments:	sampled extensively. The only soil contamination that required
Comments Date:	03132003
Comments:	removal was found in 1996 while installing the piping for the
Comments Date:	03132003
Comments:	groundwater extraction system. The primary contaminants in the
Comments Date:	03132003
Comments:	groundwater are trichloroethylene and perchloroethylene. The
Comments Date:	03132003
Comments:	final remedy required shallow groundwater extraction in "hot
Comments Date:	03132003
Comments:	spot" areas and treatment using granular activated carbon. The
Comments Date:	03132003
Comments:	treated water is discharged to the storm sewer under NPDES
Comments Date:	03132003
Comments:	permit.
Comments Date:	04282003
Comments:	Certified Site. One hundred and ninety single-family homes and
Comments Date:	04282003
Comments:	an office building now occupy the site.
Comments Date:	05042001
Comments:	Groundwater treatment started.
Comments Date:	05221991
Comments:	Issued I&SE Determination and Order to the site developers
Comments Date:	05221991
Comments:	(known as the Citation entities) and owners of office building
Comments Date:	05221991
Comments:	(Wm. Mathews, Inc.).
Comments Date:	05291992
Comments:	Issued I&SE Determination for the San Leandro Plume site.
Comments Date:	06221998
Comments:	Entered into a lease with Mr. & Mrs. Senna for space located at
Comments Date:	06221998
Comments:	2411 Washington Ave. San Leandro. The start date is March 1,
Comments Date:	06221998
Comments:	1999. The spaces will be used to construct the treatment system
Comments Date:	06221998
Comments:	for groundwater extracted from the Singer Friden Site across the
Comments Date:	06221998
Comments:	street. Rent is $450/month. Lease ends February 28, 2007.
Comments Date:	07171992
Comments:	Re-issued I&SE Determination and Order to Bicoastal.

SINGER FRIDEN (Continued) **S101272670**

Comments Date:	08232001
Comments:	Completed RA. Startup Report approved.
Comments Date:	09061995
Comments:	Completed RIFS.
Comments Date:	10151996
Comments:	Approved RAP. Final Remedy includes shallow groundwater
Comments Date:	10151996
Comments:	extraction in "hot spot" areas and treatment using granular
Comments Date:	10151996
Comments:	activiated carbon. Treatment system will be located outside of
Comments Date:	10151996
Comments:	the condominium complex. CEQA Negative Declaration issued.
Comments Date:	11151999
Comments:	Offsite conveyance design and revised treatment facility design
Comments Date:	11151999
Comments:	completed based on 200 gpm flow rate.
Comments Date:	11181996
Comments:	Cost Settlement with the Citation entities. Citation will pay
Comments Date:	11181996
Comments:	DTSC $4,000,000 to cover all past and future liability for this
Comments Date:	11181996
Comments:	Site.
ID Name:	CALSTARS CODE
ID Value:	200251
ID Name:	BEP DATABASE PCODE
ID Value:	P23070
Alternate Name:	STAEFA CONTROL SYSTEM
Alternate Name:	UNIVERSAL PNEUMATIC CONTROLS
Alternate Name:	SINGER FRIDEN
Alternate Name:	SANDPIPER CONDOS
Alternate Name:	SINGER CO
Alternate Name:	FRIDEN INC
Alternate Name:	WILLIAM MATHEWS BUILDING
Alternate Name:	Not reported
Special Programs Code:	CERC2
Special Programs Name:	CERCLA II

CORTESE:

Name:	SINGER FRIDEN
Address:	2350 AND 2450 WASHINGTON AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE
Status Date:	04/28/2003
Site Code:	200251, 208005
Latitude:	37.715942
Longitude:	-122.14867
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported

SINGER FRIDEN (Continued) **S101272670**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Haz Waste & Substances Sites

HIST CORTESE:
edr_fname: SINGER FRIDEN
edr_fadd1: 2350 AND 2450 WASHINGTON
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Facility County Code: 1
Reg By: CALSI
Reg Id: 01360094

163
WSW
1/2-1
0.653 mi.
3446 ft.

LERNER PROCESSING LABS, INC.
14333 WICKS BOULEVARD
SAN LEANDRO, CA 94577

ENVIROSTOR **S103973638**
N/A

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:
Name: LERNER PROCESSING LABS, INC.
Address: 14333 WICKS BOULEVARD
City,State,Zip: SAN LEANDRO, CA 94577
Facility ID: 71003580
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.69803
Longitude: -122.1660
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CA0000734665
Alias Type: EPA Identification Number
Alias Name: 71003580
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

LERNER PROCESSING LABS, INC. (Continued) **S103973638**

Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	12/31/1996
Comments:	Phase 1 checklist indicates no further action.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase I Verification
Completed Date:	05/22/1997
Comments:	Inspection required no changes to Phase 1 checklist.
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

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164 **YOKOTA NURSERY** **ENVIROSTOR** **S113132031**
North **467 MARINA BOULEVARD** **VCP** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **HWTS**
0.662 mi. **HAZNET**
3493 ft.

Relative: **Higher**

Actual: **49 ft.**

ENVIROSTOR:

Name:	YOKOTA NURSERY
Address:	467 MARINA BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01010011
Status:	Refer: RWQCB
Status Date:	08/29/2002
Site Code:	201422
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	9
NPL:	NO
Regulatory Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	RWQCB 2 - San Francisco Bay
Program Manager:	Not reported
Supervisor:	* Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Voluntary Agreement - Standard Voluntary Agreement
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.71461
Longitude:	-122.1533
APN:	75-87-3-2, 75-87-4-14, 75-87-4-4, 75-87-4-6
Past Use:	NURSERY
Potential COC:	DDD DDT Dieldrin
Confirmed COC:	DDD DDT Dieldrin
Potential Description:	SOIL
Alias Name:	75-87-3-2

YOKOTA NURSERY (Continued) **S113132031**

Alias Type:	APN
Alias Name:	75-87-4-14
Alias Type:	APN
Alias Name:	75-87-4-4
Alias Type:	APN
Alias Name:	75-87-4-6
Alias Type:	APN
Alias Name:	110033620990
Alias Type:	EPA (FRS #)
Alias Name:	SL600192639
Alias Type:	GeoTracker Global ID
Alias Name:	201422
Alias Type:	Project Code (Site Code)
Alias Name:	01010011
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:	02/04/2002
Comments:	Voluntary Cleanup Agreements signed with Lavery California Dealership (Property Owner) to review data and reports for the Site to determine if remediation conducted without DTSC oversight is protective of human health and the environment.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	08/29/2002
Comments:	The property intends to be developed into an auto dealer. The San Francisco Bay Regional Water Quality Control Board has approved a soil management plan for the site and is requiring a deed restriction and asphalt cap to prevent exposure to the contaminants. In August 2002, DTSC confirmed that a deed restriction has been recorded on the properties by RWQCB and that no further action is needed for the site provided that the properties continue to comply with the RWQCB requirements.

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

VCP:

Name:	YOKOTA NURSERY
Address:	467 MARINA BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01010011
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED

YOKOTA NURSERY (Continued) **S113132031**

Acres:	9
National Priorities List:	NO
Cleanup Oversight Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	RWQCB 2 - San Francisco Bay
Lead Agency Description:	RWQCB 2 - San Francisco Bay
Project Manager:	Not reported
Supervisor:	* Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201422
Assembly:	20
Senate:	09
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Refer: RWQCB
Status Date:	08/29/2002
Restricted Use:	NO
Funding:	Not reported
Lat/Long:	37.71461 / -122.1533
APN:	75-87-3-2, 75-87-4-14, 75-87-4-4, 75-87-4-6
Past Use:	NURSERY
Potential COC:	30006, 30008, 30207
Confirmed COC:	30006,30008,30207
Potential Description:	SOIL
Alias Name:	75-87-3-2
Alias Type:	APN
Alias Name:	75-87-4-14
Alias Type:	APN
Alias Name:	75-87-4-4
Alias Type:	APN
Alias Name:	75-87-4-6
Alias Type:	APN
Alias Name:	110033620990
Alias Type:	EPA (FRS #)
Alias Name:	SL600192639
Alias Type:	GeoTracker Global ID
Alias Name:	201422
Alias Type:	Project Code (Site Code)
Alias Name:	01010011
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:	02/04/2002
Comments:	Voluntary Cleanup Agreements signed with Lavery California Dealership (Property Owner) to review data and reports for the Site to determine if remediation conducted without DTSC oversight is protective of human health and the environment.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	08/29/2002
Comments:	The property intends to be developed into an auto dealer. The San Francisco Bay Regional Water Quality Control Board has approved a soil management plan for the site and is requiring a deed restriction and asphalt cap to prevent exposure to the contaminants. In August 2002, DTSC confirmed that a deed restriction has been recorded on the

YOKOTA NURSERY (Continued) **S113132031**

properties by RWQCB and that no further action is needed for the site provided that the properties continue to comply with the RWQCB requirements.

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

HWTS:
Name: H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address: 467 MARINA BLVD
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
EPA ID: CAL000282307
Inactive Date: Not reported
Create Date: 05/18/2004
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 467 MARINA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN LEANDRO, CA 945770000
Owner Name: H W MCKEVITT CO INC
Owner Address: 467 MARINA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SAN LEANDRO, CA 945770000
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: PAUL VOSKES
Contact Address: 467 MARINA BLVD
Contact Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 94577
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 37.715982
Longitude: -122.153396

NAICS:
EPA ID: CAL000282307
Create Date: 2006-11-27 18:30:15.000
NAICS Code: 44111
NAICS Description: New Car Dealers
Issued EPA ID Date: 2004-05-18 15:29:54.51000
Inactive Date: Not reported
Facility Name: H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Facility Address: 467 MARINA BLVD
Facility Address 2: Not reported
Facility City: SAN LEANDRO
Facility County: Not reported

YOKOTA NURSERY (Continued) **S113132031**

Facility State: CA
Facility Zip: 945770000

HAZNET:
Name: H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address: 467 MARINA BLVD
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA 945770000
Contact: PAUL VOSKES
Telephone: 5108955000
Mailing Name: Not reported
Mailing Address: 467 MARINA BLVD

Year: 2021
Gepaid: CAL000282307
TSD EPA ID: AZR000521146
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: 0.025

Year: 2020
Gepaid: CAL000282307
TSD EPA ID: AZR000521146
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: 0.05

Year: 2019
Gepaid: CAL000282307
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.10425

Year: 2019
Gepaid: CAL000282307
TSD EPA ID: AZR000521146
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: 0.46250

Year: 2018
Gepaid: CAL000282307
TSD EPA ID: AZR000515924
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: 0.31250

Year: 2017
Gepaid: CAL000282307
TSD EPA ID: CAD097030993

YOKOTA NURSERY (Continued) **S113132031**

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: 0.445

Year: 2016
Gepaid: CAL000282307
TSD EPA ID: CAD097030993
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: 0.345

Year: 2013
Gepaid: CAL000282307
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.1251

Year: 2011
Gepaid: CAL000282307
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.3336

Year: 2010
Gepaid: CAL000282307
TSD EPA ID: CA0000084517
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: 0.1554

Click this hyperlink while viewing on your computer to access
5 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Information:
Year: 2021
EM Manifest ID: Not reported
Shipment Date: 8/28/2020
Shipment Date: 8/28/2020
Receipt Date: 9/12/2020
Manifest Number: 021509603JJK
Generator EPA ID: CAL000282307
Name: H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address: 467 MARINA BLVD
Address 2: Not reported
City,State,Zip: SAN LEANDRO, CA
Telephone: Not reported
Contact: Not reported
Contact Telephone: 510-895-5000

YOKOTA NURSERY (Continued) **S113132031**

Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P

Additional Information:

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	8/28/2020
Shipment Date:	8/28/2020
Receipt Date:	9/12/2020
Manifest Number:	021509603JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	ASBURY ENVIRONMENTAL SERVICES DBA WORLD OIL ENVIRONMENTAL SERVICES
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	352 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P

YOKOTA NURSERY (Continued) **S113132031**

Additional Information:

Year:	2019
EM Manifest ID:	661295
Shipment Date:	9/7/2018
Shipment Date:	9/7/2018
Receipt Date:	9/20/2018
Manifest Number:	018154103JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	707-689-4087
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	661295
Generator EPA ID:	CAL000282307
Shipment Date:	2018-09-07
Manifest Number:	018154103JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.13000
Quantity Waste:	260.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	585359
Shipment Date:	9/4/2019
Shipment Date:	9/4/2019

YOKOTA NURSERY (Continued) **S113132031**

Receipt Date:	9/13/2019
Manifest Number:	020801361JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	585359
Generator EPA ID:	CAL000282307
Shipment Date:	2019-09-04
Manifest Number:	020801361JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	585359
Generator EPA ID:	CAL000282307
Shipment Date:	2019-09-04
Manifest Number:	020801361JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.04000
Quantity Waste:	80.000000
Quantity Unit:	P
Number of Containers:	1

YOKOTA NURSERY (Continued) **S113132031**

Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019
EM Manifest ID:	3ddec2cf-9da1-40d2-8a6b-e1c9b259d00f
Shipment Date:	7/9/2019
Shipment Date:	7/9/2019
Receipt Date:	7/20/2019
Manifest Number:	020368462JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO - VOLVO- HWM001
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	3ddec2cf-9da1-40d2-8a6b-e1c9b259d00f
Generator EPA ID:	CAL000282307
Shipment Date:	2019-07-09
Manifest Number:	020368462JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.42500
Quantity Waste:	850.000000
Quantity Unit:	P
Number of Containers:	5
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352
Year:	2019

YOKOTA NURSERY (Continued) **S113132031**

EM Manifest ID:	502307
Shipment Date:	7/24/2019
Shipment Date:	7/24/2019
Receipt Date:	8/1/2019
Manifest Number:	020376241JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO - VOLCO- HWM001
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	502307
Generator EPA ID:	CAL000282307
Shipment Date:	2019-07-24
Manifest Number:	020376241JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.09000
Quantity Waste:	180.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	412148
Shipment Date:	5/28/2019
Shipment Date:	5/28/2019
Receipt Date:	6/4/2019
Manifest Number:	020376954JJK
Generator EPA ID:	CAL000282307

YOKOTA NURSERY (Continued) **S113132031**

Name:	H W MCKEVITT CO - VOLVO - HWM001
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	412148
Generator EPA ID:	CAL000282307
Shipment Date:	2019-05-28
Manifest Number:	020376954JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	345376
Shipment Date:	3/28/2019
Shipment Date:	3/28/2019
Receipt Date:	4/11/2019
Manifest Number:	020369824JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	345376
Generator EPA ID:	CAL000282307
Shipment Date:	2019-03-28
Manifest Number:	020369824JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.04250
Quantity Waste:	85.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	03d45865-dc78-4e3c-aa3a-f847c1a5da26
Shipment Date:	2/11/2019
Shipment Date:	2/11/2019
Receipt Date:	2/22/2019
Manifest Number:	019239352JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA MCKEVITT VOLVO -HWM001 -
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422

YOKOTA NURSERY (Continued) **S113132031**

Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	03d45865-dc78-4e3c-aa3a-f847c1a5da26
Generator EPA ID:	CAL000282307
Shipment Date:	2019-02-11
Manifest Number:	019239352JJK
Line Number:	1
Method Code:	H039
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	708526
Shipment Date:	10/25/2019
Shipment Date:	10/25/2019
Receipt Date:	11/8/2019
Manifest Number:	020370130JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	510-895-5000
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000521146
TSDF Name:	YUMA YES 2 WASTE TRANSFER STATION
TSDF Address 1:	6500 S US HIGHWAY 95
TSDF Address 2:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

TSDF City,State,Zip:	YUMA 85365
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	708526
Generator EPA ID:	CAL000282307
Shipment Date:	2019-10-25
Manifest Number:	020370130JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.06500
Quantity Waste:	130.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	708526
Generator EPA ID:	CAL000282307
Shipment Date:	2019-10-25
Manifest Number:	020370130JJK
Line Number:	2
Method Code:	H141
Quantity Tons:	0.06000
Quantity Waste:	120.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Additional Information:

Year:	2018
EM Manifest ID:	017343997JJK20180313_D_1
Shipment Date:	3/13/2018
Shipment Date:	3/13/2018
Receipt Date:	3/22/2018
Manifest Number:	017343997JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA MCKEVITT VOLVO - HWM001
Address:	Not reported
Address 2:	Not reported
City,State,Zip:	Not reported
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES LLC
TSDF Address 1:	Not reported
TSDF Address 2:	Not reported
TSDF City,State,Zip:	Not reported
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	017343997JJK20180313_D_1
Generator EPA ID:	CAL000282307
Shipment Date:	2018-03-13
Manifest Number:	017343997JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.06250
Quantity Waste:	125.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	352

Year:	2018
EM Manifest ID:	193438
Shipment Date:	11/8/2018
Shipment Date:	11/8/2018
Receipt Date:	11/19/2018
Manifest Number:	018154951JJK
Generator EPA ID:	CAL000282307
Name:	H W MCKEVITT CO INC DBA H W MCKEVITT VOLVO
Address:	467 MARINA BLVD
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO 94577-0000
Telephone:	800-424-9300
Contact:	Not reported
Contact Telephone:	707-689-4087
Contact Email:	Not reported
Transporter 1 EPA ID:	CAD028277036
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2018
EM Manifest ID:	193438
Generator EPA ID:	CAL000282307
Shipment Date:	2018-11-08
Manifest Number:	018154951JJK
Line Number:	1
Method Code:	H141
Quantity Tons:	0.12000
Quantity Waste:	240.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Additional Information:

Year:	2017
Gen EPA ID:	CAL000282307
Shipment Date:	20171117
Creation Date:	6/13/2018 18:30:39
Receipt Date:	20171130
Manifest ID:	018155512JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171006
Creation Date:	5/30/2018 18:31:28
Receipt Date:	20171019
Manifest ID:	017695790JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	0.05
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:	20170901
Creation Date:	5/30/2018 18:33:04
Receipt Date:	20170912
Manifest ID:	017698085JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	0.1
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:	20170703
Creation Date:	5/17/2018 18:32:00
Receipt Date:	20170721

YOKOTA NURSERY (Continued) **S113132031**

Manifest ID:	017348568JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	0.065
Waste Quantity:	130
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:	20170516
Creation Date:	5/21/2018 18:30:38
Receipt Date:	20170606
Manifest ID:	017341564JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON 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:	0.05
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:	20170428
Creation Date:	7/30/2018 18:30:20
Receipt Date:	20170516
Manifest ID:	016768700JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON INC

YOKOTA NURSERY (Continued) **S113132031**

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:	0.13
Waste Quantity:	260
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 Information:

Year:	2013
Gen EPA ID:	CAL000282307
Shipment Date:	20130524
Creation Date:	8/12/2013 22:15:16
Receipt Date:	20130610
Manifest ID:	011351222JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
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:	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:	0.1251
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 Information:

Year:	2011
Gen EPA ID:	CAL000282307
Shipment Date:	20110325
Creation Date:	6/4/2011 18:30:48
Receipt Date:	20110412
Manifest ID:	008135417JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

YOKOTA NURSERY (Continued) **S113132031**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
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:	0.3336
Waste Quantity:	80
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 Information:

Year:	2010
Gen EPA ID:	CAL000282307
Shipment Date:	20100406
Creation Date:	7/20/2010 18:30:24
Receipt Date:	20100409
Manifest ID:	002412220SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CA0000084517
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	0.1554
Waste Quantity:	37
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 Information:

Year:	2008
Gen EPA ID:	CAL000282307
Shipment Date:	20080310
Creation Date:	7/2/2008 18:30:07
Receipt Date:	20080324
Manifest ID:	003478508JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES

YOKOTA NURSERY (Continued) **S113132031**

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:	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:	0.1251
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

165
NNW
1/2-1
0.691 mi.
3650 ft.

Relative:
Higher

Actual:
40 ft.

PETERSON TRACTOR COMPANY
955 MARINA
SAN LEANDRO, CA 94577

ENVIROSTOR **1000218829**
LUST **N/A**
Alameda County CS
Cortese
ENF
HIST CORTESE
HWT
CERS

ENVIROSTOR:

Name:	PETERSON TRACTOR FACILITY
Address:	955 MARINA BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01350118
Status:	Refer: RWQCB
Status Date:	06/10/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	* CERC2
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.71262
Longitude:	-122.1594
APN:	77A-648-1-7
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * Metals - Sludge * OIL/WATER SEPARATION SLUDGE * OXYGENATED SOLVENTS * CONTAMINATED SOIL * Sludge - Degreasing * WASTE OIL & MIXED OIL Arsenic Lead Nickel

PETERSON TRACTOR COMPANY (Continued) **1000218829**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 77A-648-1-7
Alias Type: APN
Alias Name: CAD982359085
Alias Type: EPA Identification Number
Alias Name: T0600101072
Alias Type: GeoTracker Global ID
Alias Name: T10000008153
Alias Type: GeoTracker Global ID
Alias Name: 01350118
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: 12/29/1987
Comments: PRELIM ASSESS DONE PENDING: RWQCB OVERSEEING C-U; DHS (ALTERNATIVE TECH. UNIT) ALSO ASSISTING FACILITY EMPLOYING BIODEGREDATION TO REDUCE LEVELS OF CONTMN.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/20/1987
Comments: SITE SCREENING DONE A HEAVY EQUIP SERVICING & SALES FAC. 6/ 19/85 SIGNIFICANT AMOUNT OF WASTE OIL IN WATER. 4/86 SUBMITTED A CLOSURE PLAN OF PONS.

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

LUST:
Name: PETERSON TRACTOR COMPANY
Address: 955 MARINA
City,State,Zip: SAN LEANDRO, CA 94577
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0600101072
Latitude: 37.712243
Longitude: -122.158415
Status: Completed - Case Closed
Status Date: 07/07/1998
Case Worker: Not reported
RB Case Number: 01-1163
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database

PETERSON TRACTOR COMPANY (Continued) **1000218829**

Local Case Number:	RO0000941
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	06/13/1985
Leak Reported Date:	06/13/1985
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	07/07/1998
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

LUST:

Global Id:	T0600101072
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0600101072
Action Type:	Other
Date:	06/13/1985
Action:	Leak Reported
Global Id:	T0600101072
Action Type:	REMEDIATION
Date:	11/17/1988
Action:	Excavation
Global Id:	T0600101072
Action Type:	ENFORCEMENT
Date:	03/01/1990
Action:	Staff Letter
Global Id:	T0600101072
Action Type:	RESPONSE
Date:	07/08/1998
Action:	Other Report / Document

PETERSON TRACTOR COMPANY (Continued) **1000218829**

LUST:
Global Id: T0600101072
Status: Open - Case Begin Date
Status Date: 06/13/1985

Global Id: T0600101072
Status: Completed - Case Closed
Status Date: 07/07/1998

LUST REG 2:
Region: 2
Facility Id: 01-1163
Facility Status: Case Closed
Case Number: 1745
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 12/22/1988
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Name: PETERSON TRACTOR COMPANY
Address: 955 MARINA BLVD
City,State,Zip: SAN LEANDRO, CA 94577
Status: Case Closed
Record Id: RO0000941
PE: 5602
Facility Status: Case Closed
Latitude: 37.713349127
Longitude: -122.15945609

CORTESE:
Name: PETERSON TRACTOR COMPANY
Address: 955 MARINA
City,State,Zip: SAN LEANDRO, CA 94577
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0600101072
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

PETERSON TRACTOR COMPANY (Continued) **1000218829**

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

ENF:

Name:	PETERSON TRACTOR-OIL SPILL
Address:	955 MARINA
City,State,Zip:	SAN LEANDRO, CA
Region:	2
Facility Id:	248137
Agency Name:	Peterson Tractor Company
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Industrial
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UNREGS
Program Category1:	UNREGS
Program Category2:	UNREGS
# Of Programs:	1
WDID:	2 019238N01
Reg Measure Id:	161559
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported

PETERSON TRACTOR COMPANY (Continued) **1000218829**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/21/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220585
Region:	2
Order / Resolution Number:	85-001
Enforcement Action Type:	Admin Civil Liability
Effective Date:	11/20/1985
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/01/1987
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL 85-001 for PETERSON TRACTOR CO
Description:	DISCH OF 200 GALLONS OF OIL TO SURFACE WATER-PD 17,500
Program:	UNREGS
Latest Milestone Completion Date:	9/1/1992
# Of Programs1:	1
Total Assessment Amount:	17500
Initial Assessed Amount:	0
Liability $ Amount:	17500
Project $ Amount:	0
Liability $ Paid:	17500
Project $ Completed:	0
Total $ Paid/Completed Amount:	17500

HIST CORTESE:

edr_fname:	PETERSON TRACTOR COMPANY
edr_fadd1:	955 MARINA
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1163

HWT:

Name:	PETERSON
Address:	955 MARINA BLVD
City,State,Zip:	SAN LEANDRO, CA 94577

PETERSON TRACTOR COMPANY (Continued) **1000218829**

Reg Num: 6742
Expiration Date: 05/31/2025

CERS:
Name: PETERSON TRACTOR COMPANY
Address: 955 MARINA
City,State,Zip: SAN LEANDRO, CA 94577
Site ID: 894321
CERS ID: T0600101072
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

AH166 **SINGER-FRIDEN SITE** **Notify 65** **S100179678**
NNE **2350 WASHINGTON AVE** **N/A**
1/2-1 **SAN LEANDRO, CA 92584**
0.695 mi.
3669 ft. **Site 1 of 2 in cluster AH**

Relative: **Higher**
Actual: **51 ft.**

NOTIFY 65:
Name: SINGER-FRIDEN SITE
Address: 2350 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 92584
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

AH167 **SINGER - FRIDEN SITE** **Notify 65** **S100179679**
NNE **2350 WASHINGTON AVE** **N/A**
1/2-1 **SAN LEANDRO, CA 92584**
0.695 mi.
3669 ft. **Site 2 of 2 in cluster AH**

Relative: **Higher**
Actual: **51 ft.**

NOTIFY 65:
Name: SINGER - FRIDEN SITE
Address: 2350 WASHINGTON AVE
City,State,Zip: SAN LEANDRO, CA 92584
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported

SINGER - FRIDEN SITE (Continued) **S100179679**

Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

168
WSW
1/2-1
0.775 mi.
4091 ft.

2054-2070 BURROUGHS AVENUE SITE **ENVIROSTOR** **S108936102**
2054-2070 BURROUGHS AVENUE **N/A**
SAN LEANDRO, CA 94577

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:
Name: 2054-2070 BURROUGHS AVENUE SITE
Address: 2054-2070 BURROUGHS AVENUE
City,State,Zip: SAN LEANDRO, CA 94577
Facility ID: 60000690
Status: No Further Action
Status Date: 08/28/2007
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 5.98
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 20
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 37.69730
Longitude: -122.1677
APN: 77B-851-5
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 77B-851-5
Alias Type: APN
Alias Name: 60000690
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 08/28/2007
Comments: DTSC issued a letter stating that there is no information indicating that use or release of chemicals of concern (Volatile Organic Compounds) has occurred at the property and DTSC will not pursue or enforce action against any person who is a responsible party solely on the basis of ownership of land overlying contaminated groundwater.

2054-2070 BURROUGHS AVENUE SITE (Continued) **S108936102**

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

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169 **GM TRAINING CENTER** **LUST** **S100227013**
NW **1444 MARINA** **Alameda County CS** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **Cortese**
0.781 mi. **Notify 65**
4124 ft. **CERS**

Relative:
Higher

Actual:
33 ft.

LUST:

Name:	GM TRAINING CENTER
Address:	1444 MARINA
City,State,Zip:	SAN LEANDRO, CA 94577
Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0600191686
Latitude:	37.711311
Longitude:	-122.162749
Status:	Completed - Case Closed
Status Date:	04/30/1996
Case Worker:	Not reported
RB Case Number:	01-0705
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000943
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	10/25/1989
Leak Reported Date:	10/25/1989
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Other Means
Stop Description:	Not reported
No Further Action Date:	04/30/1996
CA Water Watershed Name:	South Bay - East Bay Cities (204.20)
Dwr Groundwater Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	81-85%
CA Enviroscreen 4 Score:	75-80%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SAN FRANCISCO BAY RWQCB (REGION 2)
Site History:	Not reported

GM TRAINING CENTER (Continued) **S100227013**

LUST:
Global Id: T0600191686
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600191686
Action Type: RESPONSE
Date: 04/30/1996
Action: Correspondence

Global Id: T0600191686
Action Type: Other
Date: 10/25/1989
Action: Leak Reported

Global Id: T0600191686
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600191686
Action Type: RESPONSE
Date: 04/30/1996
Action: Remedial Progress Report

LUST:
Global Id: T0600191686
Status: Open - Case Begin Date
Status Date: 10/25/1989

Global Id: T0600191686
Status: Completed - Case Closed
Status Date: 04/30/1996

Alameda County CS:
Name: GM TRAINING CENTER
Address: 1444 MARINA BLVD
City,State,Zip: SAN LEANDRO, CA 94577
Status: Case Closed
Record Id: RO0000943
PE: 5602
Facility Status: Case Closed
Latitude: 37.709822434
Longitude: -122.16862697

CORTESE:
Name: GM TRAINING CENTER
Address: 1444 MARINA

GM TRAINING CENTER (Continued) **S100227013**

City,State,Zip:	SAN LEANDRO, CA 94577
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0600191686
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

NOTIFY 65:

Name:	GM TRAINING CENTER
Address:	1444 MARINA
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	GM TRAINING CENTER
Address:	1444 MARINA
City,State,Zip:	SAN LEANDRO, CA 94577
Site ID:	892482
CERS ID:	T0600191686
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST SUITE 1400
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

170
WNW
1/2-1
0.832 mi.
4394 ft.

SAFEWAY PRESERVES PLANT
111 MARINA
SAN LEANDRO, CA 92584

Notify 65 **U000056588**
N/A

Relative:
Lower

Actual:
27 ft.

NOTIFY 65:

Name:	SAFEWAY PRESERVES PLANT
Address:	111 MARINA
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

171
SW
1/2-1
0.863 mi.
4556 ft.

COCA-COLA USA
2080 PIKE AVENUE
SAN LEANDRO, CA 94577

ENVIROSTOR **S116165208**
N/A

Relative:
Lower

Actual:
9 ft.

ENVIROSTOR:

Name:	COCA-COLA USA
Address:	2080 PIKE AVENUE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01200018
Status:	Refer: Other Agency
Status Date:	02/01/1990
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.695
Longitude:	-122.1675
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	T0600100397
Alias Type:	GeoTracker Global ID
Alias Name:	01200018
Alias Type:	Envirostor ID Number

COCA-COLA USA (Continued) **S116165208**

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/01/1990
Comments: SITE SCREENING DONE 600 YARDS OF PETROLEUM HYDROCARBONS WERE EXCAVATED DURING A TANK REMOVAL. PENDING STATUS- ALAMEDA COUNTY LEAD.

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

AI172 **US INK CORPORATION** **AST** **S103630823**
WSW **14465 GRIFFITH STREET** **EMI** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **HWP**
0.913 mi. **CIWQS**
4820 ft. **Site 1 of 3 in cluster AI** **CERS**

Relative: **Lower**
Actual: **9 ft.**

AST:
Name: US INK
Address: 14465 GRIFFITH ST
City/Zip: SAN LEANDRO,
Certified Unified Program Agencies: San Leandro
Owner: US INK
Total Gallons: 163,100
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

US INK CORPORATION (Continued) **S103630823**

EMI:

Name:	US INK CORPORATION
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	US INK CORPORATION
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA 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
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA 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

US INK CORPORATION (Continued) **S103630823**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: US INK A DIVISION OF SUN CHEMI
Address: 14465 GRIFFITH STREET
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 1999
County Code: 1
Air Basin: SF
Facility ID: 10642
Air District Name: BA
SIC Code: 2893
Air District Name: BAY AREA 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: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: US INK A DIVISION OF SUN CHEMI
Address: 14465 GRIFFITH STREET
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2000
County Code: 1
Air Basin: SF
Facility ID: 10642
Air District Name: BA
SIC Code: 2893
Air District Name: BAY AREA 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: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 1

Name: US INK A DIVISION OF SUN CHEMI
Address: 14465 GRIFFITH STREET
City,State,Zip: SAN LEANDRO, CA 945770000
Year: 2001
County Code: 1
Air Basin: SF
Facility ID: 10642
Air District Name: BA
SIC Code: 2893
Air District Name: BAY AREA AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0

US INK CORPORATION (Continued) **S103630823**

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:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
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:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA 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:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD

US INK CORPORATION (Continued) **S103630823**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.575
Reactive Organic Gases Tons/Yr:	0.5261986
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.509
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.4581

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.632
Reactive Organic Gases Tons/Yr:	.5741173
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.133
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1197

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.637
Reactive Organic Gases Tons/Yr:	.5783533
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.13
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.117

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	10642

US INK CORPORATION (Continued) **S103630823**

Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.637
Reactive Organic Gases Tons/Yr:	.5783533
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.104
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0936

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.637
Reactive Organic Gases Tons/Yr:	.5783533
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.091
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0819

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.9999999999999993E-3
Reactive Organic Gases Tons/Yr:	8.0041999999999995E-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:	0.063
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0567

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2010

US INK CORPORATION (Continued) **S103630823**

County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.9999999999999993E-3
Reactive Organic Gases Tons/Yr:	8.0041999999999995E-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:	7.7777777777777696E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr:	7.0000000000000007E-2

Name:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.009
Reactive Organic Gases Tons/Yr:	0.0080042
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:	US INK A DIVISION OF SUN CHEMI
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.009
Reactive Organic Gases Tons/Yr:	0.0080042
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.067777777778
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.061

Name:	US INK A DIVISION OF SUN CHEMI

US INK CORPORATION (Continued) **S103630823**

Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	10642
Air District Name:	BA
SIC Code:	2893
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.009
Reactive Organic Gases Tons/Yr:	0.0080042
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.07
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.061

HWP:

EPA ID:	CAT000646364
Name:	US INK A DIV OF SUN CHEM CORP
Address:	14465 GRIFFITH ST
Cleanup Status:	CLOSED
Latitude:	37.69573
Longitude:	-122.1700
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	510167
Senate District:	9
Assembly District:	20
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	Not reported
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	61-65%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported
Quarterly Update:	US Printing Ink is located in an industrial area approximately 2.5 miles southeast from the Oakland International Airport. The facility has manufactured printing inks for the magazine and news industry since 1968. Raw materials and finished products are stored among 28 aboveground steel tanks with capacities between 2,500 and 10,000 gallons. Ink product is shipped to customers via tanker trucks, 55-gallon drums, or smaller containers. The manufacturing process includes mixing pigments with varnishes and oils, milling the mixtures to reduce particle sizes, and filtering the product. Waste ink is a by-product of the manufacturing process. Waste inks from the facility have historically included hazardous wastes containing barium, chromium, and lead. Cleaning operations at the facility have also produced solvent waste. The facility installed a hazardous waste storage area in 1983 to comply with Resource Conservation and

US INK CORPORATION (Continued) **S103630823**

Recovery Act regulations. The Department of Health Services issued a Hazardous Waste Facility Permit in July 1984 allowing the facility to store waste for longer than 90 days. The storage area consisted of approximately 180 square feet of a bermed, concrete pad. The facility stored as much as 5,500 gallons of hazardous waste in the storage area at one time. US Printing Ink closed the storage area in 1988 to return to a generator status, and the Department of Health Services acknowledged closure in December 1989. There has been no documented releases from this area. The facility is currently a non-permitted facility that stores hazardous wastes for no longer than 90 days. The active waste storage area contains only waste inks, and no solvents. There has been no documented releases from this area.

Activities:

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1984-07-31 00:00:00
Type:	Not reported
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	03/16/1983

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1984-07-31 00:00:00
Type:	Not reported
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	07/31/1984

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported

US INK CORPORATION (Continued) **S103630823**

Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/18/1980

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 12/14/1989

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 05/06/1983

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP
Project Manager: Not reported
Project Manager Lead: Not reported

US INK CORPORATION (Continued) **S103630823**

Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 07/31/1989

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: CONTAIN1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/31/1984

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1984-07-31 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 07/15/1988

EPA ID: CAT000646364
Facility Type: Historical - Non-Operating
Facility Name: US INK A DIV OF SUN CHEM CORP

US INK CORPORATION (Continued) **S103630823**

Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1984-07-31 00:00:00
Type:	Not reported
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date:	03/16/1984

Closure:

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Certification
Final Date:	Not reported
Type:	RCRA
Title Description:	Not reported
Due Date:	Not reported
Comments:	Not reported
Unit Names:	Not reported
Event Description:	Closure Certification - ISSUE CLOSURE VERIFICATION
Actual Date:	12/14/1989

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	Not reported
Title Description:	Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date:	12/14/1989

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Project Manager:	Not reported

US INK CORPORATION (Continued) **S103630823**

Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Size:	Not reported
Facility Status:	CLOSED
Activity Type:	Closure Final
Final Date:	Not reported
Type:	Not reported
Title Description:	Closure
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1
Event Description:	Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date:	06/28/1989

Alias:

EPA ID:	CAT000646364
Facility Type:	Historical - Non-Operating
Facility Name:	US INK A DIV OF SUN CHEM CORP
Facility Status:	CLOSED
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Alias Type:	Project Code (Site Code)
Alias:	510167

CIWQS:

Name:	Us Ink A Division Of Sun Chemical
Address:	14465 GRIFFITH ST
City,State,Zip:	SAN LEANDRO, CA 94577
Agency:	US Ink Division Sun Chemical Corp
Agency Address:	14465 Griffith Street, San Leandro, CA 94577
Place/Project Type:	Industrial - Printing Ink
SIC/NAICS:	2893
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I004740
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/07/1992
Termination Date:	07/01/2014
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:	37.69599
Longitude:	-122.16949

CERS:

Name:	US INK A DIVISION OF SUN CHEMI

US INK CORPORATION (Continued) **S103630823**

Address: 14465 GRIFFITH STREET
City,State,Zip: SAN LEANDRO, CA 94577-6788
Site ID: 496798
CERS ID: 110002147070
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: GREG TAMARU
Entity Title: PRODUCTION SUPERVISOR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: US INK A SUN CHEM
Entity Title: OPERATOR
Affiliation Address: 14465 GRIFFITH STREET
Affiliation City: SANLEANDRO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Public Contact
Entity Name: THOMAS N. DONVITO
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: ,

Affiliation Type Desc: Environmental Contact
Entity Name: JOE JOSE A DAZO
Entity Title: PLANT MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner
Entity Name: SUN CHEM
Entity Title: OWNER
Affiliation Address: 35 WATER VIEW BOULEVARD
Affiliation City: PARSIPPANY
Affiliation State: NJ
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

US INK CORPORATION (Continued) **S103630823**

Entity Name:	CHRIS STENGER
Entity Title:	Not reported
Affiliation Address:	1506 BUSHY PARK ROADNA BUILDING B92
Affiliation City:	GOOSECREEK
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	SUN CHEM
Entity Title:	Not reported
Affiliation Address:	35 WATER VIEW BOULEVARD
Affiliation City:	PARSIPPANY
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

AI173 **US INK A DIVISION OF SUN CHEMI** **SEMS-ARCHIVE** **1000399394**
WSW **14465 GRIFFITH STREET** **CORRACTS** **CAT000646364**
1/2-1 **SAN LEANDRO, CA 94577** **RCRA-TSDF**
0.913 mi. **RCRA-SQG**
4820 ft. **Site 2 of 3 in cluster AI** **FINDS**
ECHO
Relative: **PFAS ECHO**
Lower **WDS**

Actual:
9 ft.

SEMS Archive:

Site ID:	0900232
EPA ID:	CAT000646364
Name:	UNITED STATES PRINTING INK CORP
Address:	14465 GRIFFITH ST
Address 2:	Not reported
City,State,Zip:	SAN LEANDRO, CA 94577
Cong District:	09
FIPS Code:	06001
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	09
Site ID:	0900232
EPA ID:	CAT000646364
Site Name:	UNITED STATES PRINTING INK CORP
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1991-09-06 04:00:00
Qual:	D
Current Action Lead:	EPA Perf

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Region: 09
Site ID: 0900232
EPA ID: CAT000646364
Site Name: UNITED STATES PRINTING INK CORP
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-04-01 05:00:00
Finish Date: 1991-04-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900232
EPA ID: CAT000646364
Site Name: UNITED STATES PRINTING INK CORP
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

CORRACTS:
Name: UNITED STATES PRINTING INK CORP
Address: 14465 GRIFFITH STREET
Address 2: Not reported
EPA ID: CAT000646364
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19910915
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: UNITED STATES PRINTING INK CORP
Address: 14465 GRIFFITH STREET
Address 2: Not reported
EPA ID: CAT000646364
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date: 19920306
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

RCRA TSDF:

Treatment Storage and Disposal Type:	Storage
Full Enforcement Universe:	Not reported
Corrective Action Workload Universe:	No
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
Operating TSDF Universe:	Not reported
Commercial TSD Indicator:	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
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes

RCRA Listings:

Date Form Received by Agency:	19960901
Handler Name:	United States Printing Ink Corp
Handler Address:	14465 Griffith Street
Handler City,State,Zip:	SAN LEANDRO, CA 94577
EPA ID:	CAT000646364
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
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:	2
Mailing Address:	14465 GRIFFITH STREET
Mailing City,State,Zip:	SAN LEANDRO, CA 94577
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	U.S. Printing Ink Corporation
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

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed 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
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:	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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MILLMASTER ONYX GROUP INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	99 PARK AVENUE
Owner/Operator City,State,Zip:	NEW YORK, NY 10016
Owner/Operator Telephone:	212-687-2757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	U.S. PRINTING INK CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	343 MURRAY HILL PARKWAY
Owner/Operator City,State,Zip:	CITY NOT REPORTED, NJ 99999
Owner/Operator Telephone:	201-933-7100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Historic Generators:
Receive Date: 19960901
Handler Name: UNITED STATES PRINTING INK 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

Receive Date: 19800815
Handler Name: UNITED STATES PRINTING INK CORP
Federal Waste Generator Description: Large 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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 32591
NAICS Description: PRINTING INK MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19860630
Actual Return to Compliance Date: 19870122
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19861017
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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 - Closure/Post-Closure
Date Violation was Determined: 19880211
Actual Return to Compliance Date: 19880523
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19880508
Enforcement Identifier: 001
Date of Enforcement Action: 19880331
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9
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: 19891213
Actual Return to Compliance Date: 19891214

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19890718
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R9
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:	R9
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

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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: 19840206
Actual Return to Compliance Date: 19880523
Return to Compliance Qualifier: Observed
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: 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

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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: 19880211
Actual Return to Compliance Date: 19880523
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19880508
Enforcement Identifier: 001
Date of Enforcement Action: 19880331
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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: 19891017
Actual Return to Compliance Date: 19891214
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19900112
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9
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: 19860416
Actual Return to Compliance Date: 19880523

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19870613
Enforcement Identifier: 001
Date of Enforcement Action: 19870507
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9
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

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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
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: 19880211
Actual Return to Compliance Date: 19880523

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19880508
Enforcement Identifier: 001
Date of Enforcement Action: 19880331
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9
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: 19891017
Actual Return to Compliance Date: 19891214
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19900112
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: R9
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: R9

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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: 19860630
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19870122
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: 19880211
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880523
Scheduled Compliance Date: 19880508
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19891213
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19891214
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: 19920323
Evaluation Responsible Agency: State
Found Violation: No

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9
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:	19840206
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880523
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:	19880202
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9
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:	19880211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880523
Scheduled Compliance Date:	19880508
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19891017
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19891214
Scheduled Compliance Date:	Not reported

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860416
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880523
Scheduled Compliance Date:	19870613
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19850118
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9
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:	19940816
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
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:	19880211
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880523
Scheduled Compliance Date:	19880508
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

Evaluation Date:	19891017
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19891214
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110002147070

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Reporting System (CERS) is a statewide web-based user and information exchange system to support over 140,000 regulated businesses and over 130 local agencies in electronically

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

collecting and reporting significant hazardous materials, hazardous waste and compliance and enforcement data as mandated by California law. Under oversight by Cal/EPA, certified local governing agencies (Unified Program Agencies - UPAs) consolidate, coordinate and provide consistent regulatory activities for six state and federal environmental programs.
THE EMISSION INVENTORY SYSTEM (EIS) MAINTAINS AN INVENTORY OF LARGE STATIONARY SOURCES AND VOLUNTARILY-REPORTED SMALLER SOURCES OF AIR POINT POLLUTANT EMITTERS. IT CONTAINS INFORMATION ABOUT FACILITY SITES AND THEIR PHYSICAL LOCATION, EMISSIONS UNITS, EMISSIONS PROCESSES, RELEASE POINTS, CONTROL APPROACHES, AND REGULATIONS. FACILITY INVENTORY DATA ARE KEPT SEPARATE FROM THE EMISSIONS DATA AND HAVE STABLE IDENTIFIERS TO IMPROVE CONTINUITY FROM YEAR TO YEAR AND TO HELP IDENTIFY DUPLICATE OR MISSING FACILITIES
The Toxic Release Inventory System (TRIS) is a publicly available EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

Registry ID: 110071746623

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000399394
Registry ID: 110002147070

DFR URL:
Name: US INK A DIVISION OF SUN CHEMI
Address: 14465 GRIFFITH STREET
City,State,Zip: SAN LEANDRO, CA 94577

PFAS ECHO:

Name: Us Ink A Division Of Sun Chemi
Address: Not reported

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

City,State,Zip:	SAN LEANDRO, CA
Latitude:	37.69596
Longitude:	-122.16948
Count:	1
County:	ALAMEDA
Status:	Active
Region:	09
Industry:	Chemical Mfg

ECHO Facility Report:

Facility Percent Minority:	75.52
Facility Derived Tribes:	Lytton Rancheria of California - 20 mile(s)
Facility Population:	6285.98
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	06001
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	18050004
Facility Derived WBD:	180500040805
Facility Derived CD113:	13
Facility Derived CB2010:	060014334001002
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	8/16/1994
Facility Days Last Inspection:	10,910
Facility Informal Count:	0
Facility Date Last Informal Action:	1/12/1990
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	CAT000646364
RCRA Permit Types:	SQG
RCRA NAICS:	32591

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	94577NTDST14465
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y

EJSCREEN Report:

WDS:

Name:	US INK DIV OF SUN CHEMICAL
Address:	14465 Griffith St
City:	SAN LEANDRO
Facility ID:	San Francisco Bay 01I004740
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:	2
Facility Telephone:	5103575200
Facility Contact:	DANA RODRIGUES
Agency Name:	US INK DIV OF SUN CHEMICAL
Agency Address:	651 Garden St
Agency City,St,Zip:	Carlstadt 70721609
Agency Contact:	THOMAS DONVITO
Agency Telephone:	2019358666
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.

US INK A DIVISION OF SUN CHEMI (Continued) **1000399394**

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.

AI174 **US INK A DIV OF SUN CHEM CORP** **ENVIROSTOR** **S118757552**
WSW **14465 GRIFFITH STREET** **N/A**
1/2-1 **SAN LEANDRO, CA 94577**
0.913 mi.
4820 ft. **Site 3 of 3 in cluster AI**

Relative: **Lower**

Actual: **9 ft.**

ENVIROSTOR:

Name:	US INK A DIV OF SUN CHEM CORP
Address:	14465 GRIFFITH STREET
City,State,Zip:	SAN LEANDRO, CA 945770000
Facility ID:	80001818
Status:	No Action Required
Status Date:	05/08/1998
Site Code:	510167
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	1.71
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Not reported
Supervisor:	* Rizgar Ghazi
Division Branch:	Cleanup Sacramento
Assembly:	20
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.69573
Longitude:	-122.1700
APN:	NONE SPECIFIED
Past Use:	HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, PAINT MANUFACTURING
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	CAT000646364
Alias Type:	EPA Identification Number
Alias Name:	510167
Alias Type:	Project Code (Site Code)
Alias Name:	80001818
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Interim Measures Questionnaire
Completed Date:	03/06/1992
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

US INK A DIV OF SUN CHEM CORP (Continued) **S118757552**

Completed Sub Area Name:	Not reported
Completed Document Type:	RCRA Facility Assessment Report
Completed Date:	05/08/1998
Comments:	RFA Completed May 1998 and DTSC approved May 8, 1998
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter
Completed Date:	05/08/1998
Comments:	No furher Investigation deemed necessary by DTSC
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Closure Certification
Completed Date:	12/14/1989
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	09/15/1991
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

175
NE
1/2-1
0.914 mi.
4826 ft.

FORD STAGING SITE (9TH GRADE ACADEMY) **ENVIROSTOR** **S108195942**
13900 14TH STREET **SCH** **N/A**
SAN LEANDRO, CA 94578

Relative:
Higher

Actual:
51 ft.

ENVIROSTOR:

Name:	FORD STAGING SITE (9TH GRADE ACADEMY)
Address:	13900 14TH STREET
City,State,Zip:	SAN LEANDRO, CA 94578
Facility ID:	60000465
Status:	No Further Action
Status Date:	11/02/2007
Site Code:	204190
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2.68
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Assembly:	20
Senate:	09

FORD STAGING SITE (9TH GRADE ACADEMY) (Continued) **S108195942**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.71488
Longitude: -122.1407
APN: 77E-1540-3
Past Use: RESIDENTIAL AREA, RETAIL - VEHICLES
Potential COC: Chlordane Lead Naturally Occurring Asbestos (NOA TPH-gas TPH-MOTOR OIL
Confirmed COC: 30004-NO 30013-NO No Contaminants found 30025-NO 3002502-NO 40002-NO
Potential Description: SOIL
Alias Name: 77E-1540-3
Alias Type: APN
Alias Name: 204190
Alias Type: Project Code (Site Code)
Alias Name: 60000465
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2007
Comments: PEA Sampling field oversight conducted by DTSC Project Manager

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/28/2007
Comments: DTSC issued a CRU Memo to Accounting to close-out the project files.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 11/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/02/2007
Comments: DTSC approved the PEA with a No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/02/2007
Comments: DTSC reviewed the PEA Workplan and issued comments. DTSC received the revised PEA Workplan and comments the same day and DTSC comemnts were sufficiently addressed. DTSC approved the PEA Workplan.

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

FORD STAGING SITE (9TH GRADE ACADEMY) (Continued) **S108195942**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: FORD STAGING SITE (9TH GRADE ACADEMY)
Address: 13900 14TH STREET
City,State,Zip: SAN LEANDRO, CA 94578
Facility ID: 60000465
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.68
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: * Mark Malinowski
Division Branch: Santa Susana Field Laboratory Branch
Site Code: 204190
Assembly: 20
Senate: 09
Special Program Status: Not reported
Status: No Further Action
Status Date: 11/02/2007
Restricted Use: NO
Funding: School District
Latitude: 37.71488
Longitude: -122.1407
APN: 77E-1540-3
Past Use: RESIDENTIAL AREA, RETAIL - VEHICLES
Potential COC: Chlordane, Chlordane, Lead, Naturally Occurring Asbestos (NOA), TPH-gas, TPH-MOTOR OIL
Confirmed COC: 30004-NO, 30013-NO, No Contaminants found, 30025-NO, 3002502-NO, 40002-NO
Potential Description: SOIL
Alias Name: 77E-1540-3
Alias Type: APN
Alias Name: 204190
Alias Type: Project Code (Site Code)
Alias Name: 60000465
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/17/2007
Comments: PEA Sampling field oversight conducted by DTSC Project Manager

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/28/2007
Comments: DTSC issued a CRU Memo to Accounting to close-out the project files.

FORD STAGING SITE (9TH GRADE ACADEMY) (Continued) **S108195942**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	11/03/2006
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/02/2007
Comments:	DTSC approved the PEA with a No Further Action determination

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	05/02/2007
Comments:	DTSC reviewed the PEA Workplan and issued comments. DTSC received the revised PEA Workplan and comments the same day and DTSC comemnts were sufficiently addressed. DTSC approved the PEA Workplan.

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

176
NNW
1/2-1
0.927 mi.
4894 ft.

J P METAL FINISHING **ENVIROSTOR** **S107736502**
1870 ALVARADO STREET **N/A**
SAN LEANDRO, CA 94577

Relative:
Higher

Actual:
52 ft.

ENVIROSTOR:

Name:	J P METAL FINISHING
Address:	1870 ALVARADO STREET
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	70000092
Status:	No Further Action
Status Date:	03/14/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	* Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

J P METAL FINISHING (Continued) **S107736502**

Funding:	EPA Grant
Latitude:	37.71705
Longitude:	-122.1595
APN:	075-0045-014-00
Past Use:	METAL FINISHING
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	31000-NO
Potential Description:	NMA
Alias Name:	075-0045-014-00
Alias Type:	APN
Alias Name:	70000092
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/14/2007
Comments:	Two surface soil samples were analyzed for metals and semi volatile organic compounds (SVOCs). Based on the analytical results and current site activities, no further action is required.
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

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177 WSW 1/2-1 0.941 mi. 4970 ft. **LATCHFORD GLASS**
1940 FAIRWAY DRIVE
SAN LEANDRO, CA 94577

ENVIROSTOR S108206159
ENF N/A

Relative: Lower

Actual: 19 ft.

ENVIROSTOR:

Name:	LATCHFORD GLASS
Address:	1940 FAIRWAY DRIVE
City,State,Zip:	SAN LEANDRO, CA 94577
Facility ID:	01320004
Status:	Refer: Other Agency
Status Date:	03/13/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	20
Senate:	09
Special Program:	Not reported

LATCHFORD GLASS (Continued) **S108206159**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.70021
Longitude: -122.1726
APN: 77B-853-34
Past Use: NONE SPECIFIED
Potential COC: * ALKALINE SOLUTION WITHOUT METALS
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 77B-853-34
Alias Type: APN
Alias Name: CAD009145046
Alias Type: HWTS Identification Code
Alias Name: 01320004
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/01/1987
Comments: SITE SCREENING DONE FACILITY SOURCE ACTIVITY: MANUFACTURER OF GLASS. PROCESS INCLUDES WASTE SAND, SODA ASH AND LIMESTONE. ONSITE DISPOSAL AT SE CORNER OF PLANT PROPERTY CONAINS THESE THREE WASTES. SITE IS REGULATED UNDER RCRA AS A GENERATOR. RATIONALE FOR PA: ADDITIONAL INFORMATION IS NEEDED SPECIFIC TO THE ONSITE DISPOSAL OF WASTES.

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

ENF:
Name: ANCHOR GLASS CONTAINER
Address: 1940 FAIRWAY
City,State,Zip: SAN LEANDRO, CA 94577
Region: 2
Facility Id: 205709
Agency Name: Anchor Glass Container Corporation
Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 37.702753
Place Longitude: -122.169845
SIC Code 1: 3221
SIC Desc 1: Glass Containers
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported

LATCHFORD GLASS (Continued) **S108206159**

SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	2 019281N01
Reg Measure Id:	162187
Reg Measure Type:	Unregulated
Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	222600
Region:	2
Order / Resolution Number:	96-154
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	11/20/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported

LATCHFORD GLASS (Continued) **S108206159**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 019281N01
Description:	SCR-IMPLEMENTS AGSA.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Name:	ANCHOR GLASS CONTAINER
Address:	1940 FAIRWAY
City,State,Zip:	SAN LEANDRO, CA 94577
Region:	2
Facility Id:	205709
Agency Name:	Anchor Glass Container Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.702753
Place Longitude:	-122.169845
SIC Code 1:	3221
SIC Desc 1:	Glass Containers
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	2 019281N01
Reg Measure Id:	162187
Reg Measure Type:	Unregulated

LATCHFORD GLASS (Continued) **S108206159**

Region:	2
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	219495
Region:	2
Order / Resolution Number:	92-126
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	10/21/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 019281N01
Description:	SCR-IMPLEMENTS AGSA.
Program:	ENFCAO
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

178
WNW
1/2-1
0.967 mi.
5106 ft.

INGERSOLL-RAND EQUIPMENT SALES
1944 MARINA BOULEVARD
SAN LEANDRO, CA 92584

Notify 65

U000056533
N/A

Relative:
Lower

Actual:
27 ft.

NOTIFY 65:

Name:	INGERSOLL-RAND EQUIPMENT SALES
Address:	1944 MARINA BOULEVARD
City,State,Zip:	SAN LEANDRO, CA 92584
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/06/2025
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 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/06/2025
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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/06/2025
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: 06/07/2024
Date Data Arrived at EDR: 06/25/2024
Date Made Active in Reports: 09/19/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/24/2024
Next Scheduled EDR Contact: 01/09/2025
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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/20/2025
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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/20/2025
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 02/17/2025
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: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
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: 07/24/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
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: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/22/2024
Date Data Arrived at EDR: 07/22/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/22/2024
Next Scheduled EDR Contact: 02/03/2025
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: 07/22/2024
Date Data Arrived at EDR: 07/22/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/22/2024
Next Scheduled EDR Contact: 02/03/2025
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: 08/05/2024
Date Data Arrived at EDR: 08/06/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 83

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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

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: 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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

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 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 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 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 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 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

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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 03/15/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/17/2024
Number of Days to Update: 90
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Semi-Annually

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: 02/13/2024
Date Data Arrived at EDR: 03/05/2024
Date Made Active in Reports: 06/03/2024
Number of Days to Update: 90
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 07/29/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/22/2024
Date Data Arrived at EDR: 07/22/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 79
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/22/2024
Next Scheduled EDR Contact: 02/03/2025
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: 06/17/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/10/2024
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/10/2024
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
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: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/04/2024
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 04/15/2024
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 10/30/2024
Next Scheduled EDR Contact: 02/17/2025
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: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
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: 11/19/2024
Next Scheduled EDR Contact: 01/27/2025
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: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 02/03/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 07/22/2024
Date Data Arrived at EDR: 07/22/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/22/2024
Next Scheduled EDR Contact: 02/03/2025
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: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous 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: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

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: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 05/31/2024
Date Data Arrived at EDR: 06/21/2024
Date Made Active in Reports: 09/11/2024
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/06/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/19/2024
Date Data Arrived at EDR: 07/22/2024
Date Made Active in Reports: 10/08/2024
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 06/03/2024
Date Data Arrived at EDR: 06/07/2024
Date Made Active in Reports: 06/20/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 07/31/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 58

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/12/2024
Next Scheduled EDR Contact: 02/24/2025
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/10/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

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: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
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: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/04/2024
Next Scheduled EDR Contact: 02/17/2025
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: 06/10/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: No Update Planned

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: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 12/23/2024
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: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
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: 07/11/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 1

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
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: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 12/09/2024
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: 07/12/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 02/10/2025
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: 05/23/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 10/31/2024
Next Scheduled EDR Contact: 02/10/2025
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: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
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: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
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: 06/30/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 09/26/2024
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 12/30/2024
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: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/14/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2024
Next Scheduled EDR Contact: 01/06/2025
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: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 08/06/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/15/2024
Number of Days to Update: 1

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
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: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

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: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/23/2024
Date Data Arrived at EDR: 06/28/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 14
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Quarterly

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: 08/13/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 57
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11
Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11
Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11
Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 07/01/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: No Update Planned

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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 04/18/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

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

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

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: 06/17/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/10/2024
Number of Days to Update: 85

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 02/14/2024
Date Data Arrived at EDR: 02/21/2024
Date Made Active in Reports: 05/08/2024
Number of Days to Update: 77

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79
Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/05/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 75
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76
Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
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: 08/28/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69
Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

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: 08/14/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78

Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77
Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 90
Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88
Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
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: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71
Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
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: 12/31/2022
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 84
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/11/2024
Next Scheduled EDR Contact: 12/23/2024
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: 07/15/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/08/2024
Number of Days to Update: 84
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 07/10/2024
Date Data Arrived at EDR: 07/11/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

FIN 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: 08/07/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 10/30/2024
Next Scheduled EDR Contact: 02/17/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 77

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
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: 08/12/2024
Date Data Arrived at EDR: 08/12/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
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: 07/01/2024
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/01/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Quarterly

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: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/31/2023
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
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: 07/26/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/05/2024
Date Data Arrived at EDR: 08/06/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 09/05/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
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: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/02/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 09/05/2024
Number of Days to Update: 1
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 10/03/2024
Next Scheduled EDR Contact: 01/13/2025
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: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
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: 08/20/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/22/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 07/10/2024
Date Data Arrived at EDR: 07/10/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 2

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/01/2024
Date Data Arrived at EDR: 03/19/2024
Date Made Active in Reports: 06/11/2024
Number of Days to Update: 84

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
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: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 07/22/2024
Date Data Arrived at EDR: 07/23/2024
Date Made Active in Reports: 10/10/2024
Number of Days to Update: 79

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 02/03/2025
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: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/26/2024
Next Scheduled EDR Contact: 01/06/2025
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: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/03/2024
Number of Days to Update: 79

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 07/30/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 07/30/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 77

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/10/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 07/26/2024
Date Data Arrived at EDR: 07/29/2024
Date Made Active in Reports: 08/08/2024
Number of Days to Update: 10

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
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: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/02/2024
Date Data Arrived at EDR: 07/08/2024
Date Made Active in Reports: 07/10/2024
Number of Days to Update: 2

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/09/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/04/2024
Next Scheduled EDR Contact: 01/20/2025
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: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/02/2025
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: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
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: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/10/2024
Next Scheduled EDR Contact: 01/20/2025
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: 06/01/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/10/2024
Number of Days to Update: 85

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
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: 06/01/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/10/2024
Number of Days to Update: 85
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/17/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/21/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 83
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 01/27/2025
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: 10/02/2024
Next Scheduled EDR Contact: 01/20/2025
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: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 04/16/2024
Date Data Arrived at EDR: 04/17/2024
Date Made Active in Reports: 07/12/2024
Number of Days to Update: 86
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 10/04/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Varies

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 04/23/2024
Date Data Arrived at EDR: 04/25/2024
Date Made Active in Reports: 06/26/2024
Number of Days to Update: 62

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/28/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/28/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/29/2024
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 10/28/2024
Next Scheduled EDR Contact: 02/10/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
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: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/23/2024
Next Scheduled EDR Contact: 01/06/2025
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: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/23/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2024
Date Data Arrived at EDR: 08/01/2024
Date Made Active in Reports: 08/07/2024
Number of Days to Update: 6

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 08/13/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/20/2024
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2024
Next Scheduled EDR Contact: 11/11/2024
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 07/26/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 07/15/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 85
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/16/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

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: 09/05/2024
Next Scheduled EDR Contact: 12/23/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/07/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 81

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 09/05/2024
Next Scheduled EDR Contact: 12/16/2024
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: 08/27/2024
Next Scheduled EDR Contact: 12/16/2024
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: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

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: 11/06/2024
Next Scheduled EDR Contact: 02/04/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 11/06/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
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: 09/10/2024
Next Scheduled EDR Contact: 12/30/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/11/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/03/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/10/2025
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: 10/09/2024
Next Scheduled EDR Contact: 01/27/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 01/27/2025
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: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
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: 10/30/2024
Next Scheduled EDR Contact: 02/17/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 01/27/2025
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: 08/27/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/04/2024
Next Scheduled EDR Contact: 12/16/2024
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: 06/20/2024
Date Data Arrived at EDR: 06/27/2024
Date Made Active in Reports: 09/24/2024
Number of Days to Update: 89
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/18/2024
Next Scheduled EDR Contact: 01/06/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/18/2024
Date Data Arrived at EDR: 07/19/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 80
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/17/2024
Next Scheduled EDR Contact: 02/03/2025
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: 08/05/2024
Date Data Arrived at EDR: 08/06/2024
Date Made Active in Reports: 10/25/2024
Number of Days to Update: 80
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/05/2024
Next Scheduled EDR Contact: 02/17/2025
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: 09/25/2024
Next Scheduled EDR Contact: 01/13/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/24/2024
Next Scheduled EDR Contact: 02/03/2025
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: 10/03/2024
Next Scheduled EDR Contact: 01/20/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 02/24/2025
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: 08/28/2024
Next Scheduled EDR Contact: 12/16/2024
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 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

3199 ALVARADO AVENUE
3199 ALVARADO AVENUE
SAN LEANDRO, CA 94578

TARGET PROPERTY COORDINATES

Latitude (North):	37.703678 - 37° 42' 13.24''
Longitude (West):	122.153393 - 122° 9' 12.21''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	574630.4
UTM Y (Meters):	4173070.5
Elevation:	31 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50005406 SAN LEANDRO, CA
Version Date:	2021

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).

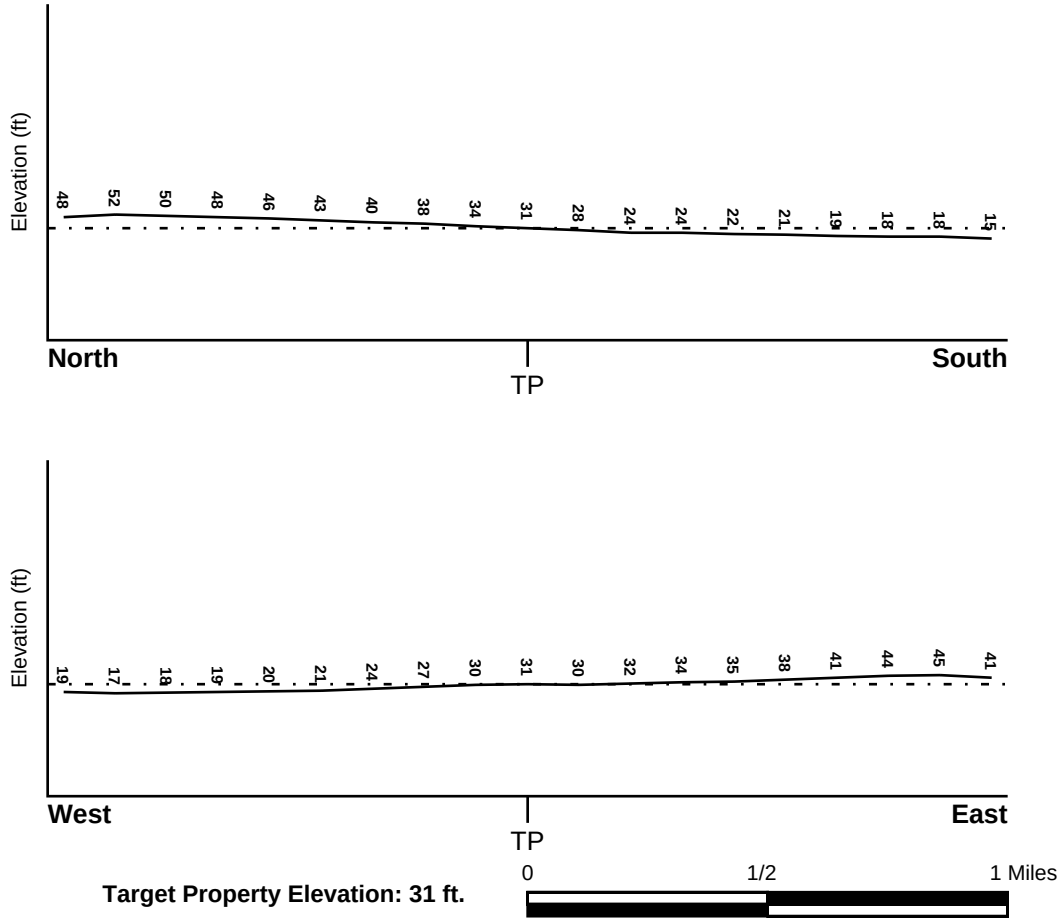
TOPOGRAPHIC INFORMATION

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 SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 31 ft.

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
06001C0259G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06001C0258G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN LEANDRO	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
A11	1/2 - 1 Mile NNW	W
F27	1/2 - 1 Mile NNW	SSE
1G	1/2 - 1 Mile NNW	SSE
2G	1/2 - 1 Mile NNW	W

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

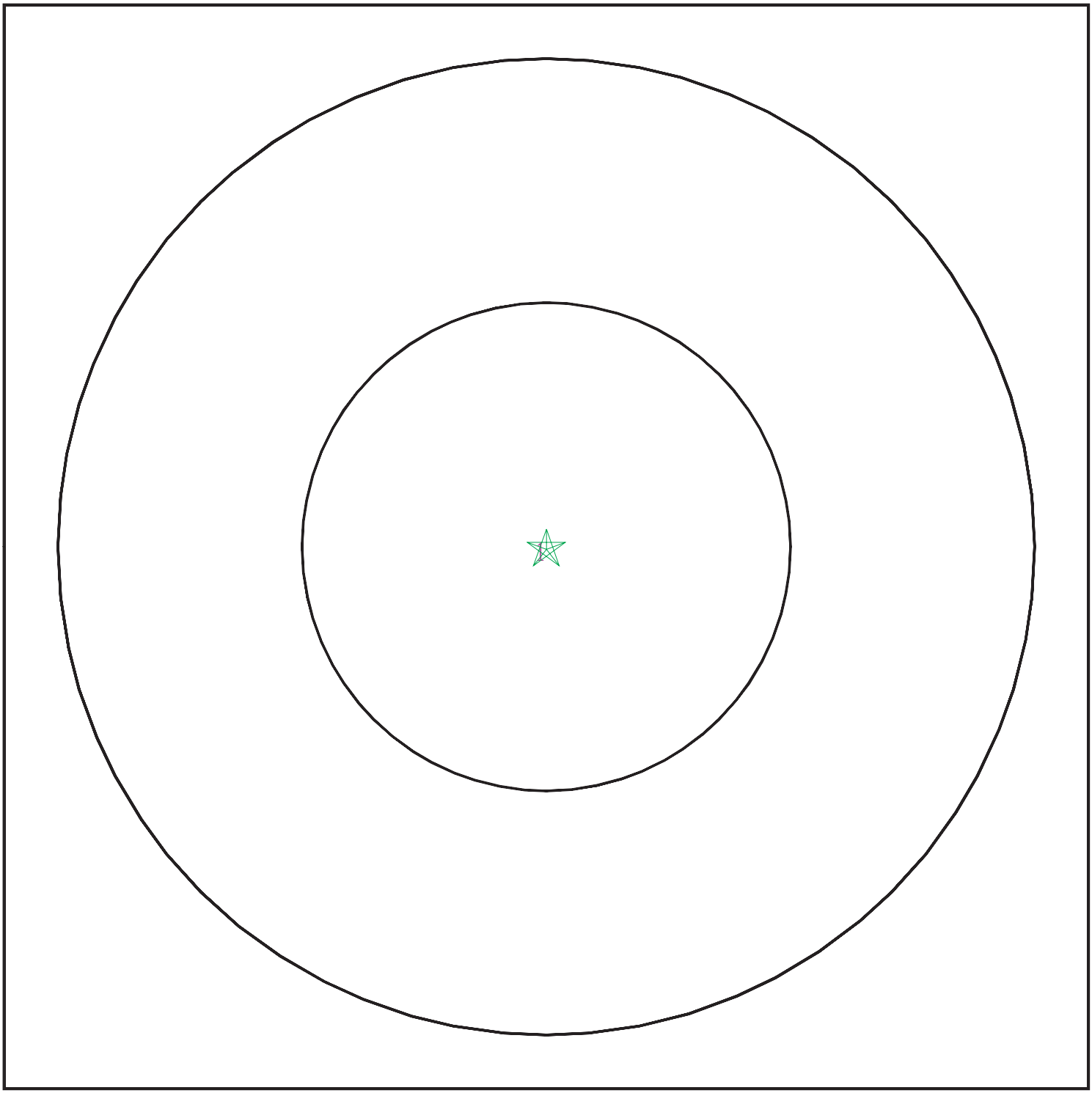
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 07832581.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	3199 Alvarado Avenue	CLIENT:	Ramboll Americas Engineering Solutions, Inc.
ADDRESS:	3199 Alvarado Avenue San Leandro CA 94578	CONTACT:	Jodi Vanneman
LAT/LONG:	37.703678 / 122.153393	INQUIRY #:	07832581.2r
		DATE:	November 25, 2024 2:21 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: Clear Lake

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 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	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	25 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1.000 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

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
A1	CAEDF0000119844	1/2 - 1 Mile NNW
A2	CAEDF0000024059	1/2 - 1 Mile NNW
A3	CAEDF0000020063	1/2 - 1 Mile NNW
A4	CAEDF0000071966	1/2 - 1 Mile NNW
B5	CAEDF0000109966	1/2 - 1 Mile ENE
B6	CAEDF0000069080	1/2 - 1 Mile ENE
B7	CAEDF0000068383	1/2 - 1 Mile ENE
B8	CAEDF0000008965	1/2 - 1 Mile ENE
9	CADWR0000018791	1/2 - 1 Mile East
B10	CAEDF0000020878	1/2 - 1 Mile ENE
B12	CAEDF0000005285	1/2 - 1 Mile ENE
13	CADWR9000037159	1/2 - 1 Mile ESE
14	CADWR0000000733	1/2 - 1 Mile ESE
C15	CADWR9000037247	1/2 - 1 Mile NE
C16	CADWR0000005244	1/2 - 1 Mile NE
D17	CADWR9000037259	1/2 - 1 Mile North
D18	CADWR0000005458	1/2 - 1 Mile North
E19	CAEDF0000100057	1/2 - 1 Mile NW
F20	CAEDF0000099467	1/2 - 1 Mile NNW
F21	CAEDF0000060715	1/2 - 1 Mile NNW
F22	CAEDF0000106961	1/2 - 1 Mile NNW
F23	CAEDF0000059082	1/2 - 1 Mile NNW
F24	CAEDF0000106544	1/2 - 1 Mile NNW
E25	CAEDF0000122675	1/2 - 1 Mile NW
E26	CAEDF0000086866	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E28	CAEDF0000011688	1/2 - 1 Mile NW
E29	CAEDF0000058423	1/2 - 1 Mile NW
E30	CAEDF0000075234	1/2 - 1 Mile NW
E31	CAEDF0000053418	1/2 - 1 Mile NW
E32	CAEDF0000061893	1/2 - 1 Mile NW
E33	CAEDF0000065965	1/2 - 1 Mile NW
34	CAEDF0000033232	1/2 - 1 Mile WNW
35	CADWR0000023177	1/2 - 1 Mile SSE
G36	CAEDF0000060312	1/2 - 1 Mile NE
H37	4	1/2 - 1 Mile NNE
G38	CAEDF0000137609	1/2 - 1 Mile NE
H39	CADDW2000007253	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 07832581.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	3199 Alvarado Avenue	CLIENT:	Ramboll Americas Engineering Solutions, Inc.
ADDRESS:	3199 Alvarado Avenue San Leandro CA 94578	CONTACT:	Jodi Vanneman
		INQUIRY #:	07832581.2r
LAT/LONG:	37.703678 / 122.153393	DATE:	November 25, 2024 2:21 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000119844**

Well ID:	T10000003620-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003620&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003620&assigned_name=MW1		

A2
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000024059**

Well ID:	T10000003620-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003620&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003620&assigned_name=MW3		

A3
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000020063**

Well ID:	T10000003620-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003620&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003620&assigned_name=MW2		

A4
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071966**

Well ID:	T10000003620-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003620&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003620&assigned_name=MW4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000109966**

Well ID:	T0600101043-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101043&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-3		

B6
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069080**

Well ID:	T0600101043-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=T0600101043&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-5		

B7
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068383**

Well ID:	T0600101043-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101043&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-4		

B8
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008965**

Well ID:	T0600101043-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101043&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000018791**

Well ID:	03S03W01G003M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S03W01G003M	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=03S03W01G003M&store_num=		
GeoTracker Data:	Not Reported		

B10
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000020878**

Well ID:	T0600101043-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=T0600101043&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-1		

A11
NNW
1/2 - 1 Mile
Higher

AQUIFLOW **38194**

Site ID:	01-2129
Groundwater Flow:	W
Shallow Water Depth:	22
Deep Water Depth:	25
Average Water Depth:	Not Reported
Date:	01/31/1996

B12
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005285**

Well ID:	T0600101043-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=T0600101043&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101043&assigned_name=MW-6		

13
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000037159**

State Well #:	03S03W01G001M	Station ID:	4344
Well Name:	Not Reported	Basin Name:	East Bay Plain
Well Use:	Irrigation	Well Type:	Unknown

Well Depth:	701	Well Completion Rpt #:	107420

14
ESE **CA WELLS** **CADWR0000000733**
1/2 - 1 Mile
Higher

Well ID:	03S03W01K001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S03W01K001M	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=03S03W01K001M&store_num=		
GeoTracker Data:	Not Reported		

C15
NE **CA WELLS** **CADWR9000037247**
1/2 - 1 Mile
Higher

State Well #:	02S03W36L001M	Station ID:	2992
Well Name:	Not Reported	Basin Name:	East Bay Plain
Well Use:	Irrigation	Well Type:	Unknown
Well Depth:	120	Well Completion Rpt #:	Not Reported

C16
NE **CA WELLS** **CADWR0000005244**
1/2 - 1 Mile
Higher

Well ID:	02S03W36L001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S03W36L001M	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=02S03W36L001M&store_num=		
GeoTracker Data:	Not Reported		

D17
North **CA WELLS** **CADWR9000037259**
1/2 - 1 Mile
Higher

State Well #:	02S03W36M002M	Station ID:	2993
Well Name:	Not Reported	Basin Name:	East Bay Plain
Well Use:	Industrial	Well Type:	Unknown
Well Depth:	308	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D18
North
1/2 - 1 Mile
Higher | **CA WELLS** | **CADWR0000005458**

Well ID:	02S03W36M002M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02S03W36M002M	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=02S03W36M002M&store_num=		
GeoTracker Data:	Not Reported		

E19
NW
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000100057**

Well ID:	T0600101409-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=T0600101409&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-6		

F20
NNW
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000099467**

Well ID:	T0600167672-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=T0600167672&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600167672&assigned_name=MW-5		

F21
NNW
1/2 - 1 Mile
Higher | **CA WELLS** | **CAEDF0000060715**

Well ID:	T0600167672-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600167672&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600167672&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F22
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106961**

Well ID:	T0600167672-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600167672&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600167672&assigned_name=MW-4		

F23
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059082**

Well ID:	T0600167672-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600167672&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600167672&assigned_name=MW-2		

F24
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106544**

Well ID:	T0600167672-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=T0600167672&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600167672&assigned_name=MW-1		

E25
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122675**

Well ID:	T0600101409-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101409&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E26
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000086866**

Well ID:	T0600101409-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=T0600101409&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-9		

F27
NNW
1/2 - 1 Mile
Higher

AQUIFLOW **38238**

Site ID:	01-1061
Groundwater Flow:	SSE
Shallow Water Depth:	19
Deep Water Depth:	21.5
Average Water Depth:	Not Reported
Date:	09/12/1995

E28
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000011688**

Well ID:	T0600101409-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101409&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-2		

E29
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000058423**

Well ID:	T0600101409-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-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=T0600101409&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-4		

E30
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000075234**

Well ID:	T0600101409-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=T0600101409&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-5

E31
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053418**

Well ID: T0600101409-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=T0600101409&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-1

E32
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061893**

Well ID: T0600101409-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=T0600101409&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-7

E33
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065965**

Well ID: T0600101409-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=T0600101409&assigned_name=MW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600101409&assigned_name=MW-8

34
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033232**

Well ID: T0600191505-MW-1A Well Type: MONITORING
Source: EDF Other Name: MW-1A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0600191505&assigned_name=MW-1A&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600191505&assigned_name=MW-1A

35
SSE **CA WELLS** **CADWR0000023177**
1/2 - 1 Mile
Lower

Well ID:	03S03W12C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	03S03W12C001M	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=03S03W12C001M&store_num=		
GeoTracker Data:	Not Reported		

G36
NE **CA WELLS** **CAEDF0000060312**
1/2 - 1 Mile
Higher

Well ID:	T0600100794-(P)AZ-5	Well Type:	MONITORING
Source:	EDF	Other Name:	(P)AZ-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=T0600100794&assigned_name=(P)AZ-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100794&assigned_name=(P)AZ-5		

H37
NNE **CA WELLS** **4**
1/2 - 1 Mile
Higher

Seq:	4	Prim sta c:	0103041-001
Frds no:	0103041001	County:	01
District:	04	User id:	ENG
System no:	0103041	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT
Latitude:	374259.2	Longitude:	1220840.0
Precision:	2	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:	0103041	System nam:	Trailer Haven Mobilehome Park
Hqname:	Not Reported	Address:	2399 E. 14TH ST., 197
City:	SAN LEANDRO	State:	CA
Zip:	94577	Zip ext:	Not Reported
Pop serv:	275	Connection:	198
Area serve:	Not Reported		

Sample date:	16-NOV-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-NOV-15	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUL-15	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	2.2
Chemical:	TERT-BUTYL ALCOHOL	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUL-15	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JUL-15	Finding:	0.22
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	350.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-JUL-15	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-JUL-15	Finding:	26.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-JUL-15	Finding:	34.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	200.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	40.
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	14-JUL-15	Finding:	25.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-JUL-15	Finding:	55.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-DEC-14	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	1.64
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	23-SEP-14	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-JUN-14	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-MAR-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-MAR-14	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-DEC-13	Finding:	2.01
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-DEC-13	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-DEC-13	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

G38
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137609**

Well ID:	T0600100794-(P)MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	(P)MW-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=T0600100794&assigned_name=(P)MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0600100794&assigned_name=(P)MW-2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
H39 **NNE** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CADDW2000007253**

GAMA:

Well ID:	CA0103041_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	0103041-001
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=CA0103041_001_001&store_num=		
GeoTracker Data:	Not Reported		

1G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1061 SSE 19 21.5 Not Reported 09/12/1995	**AQUIFLOW**	**38238**

2G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2129 W 22 25 Not Reported 01/31/1996	**AQUIFLOW**	**38194**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
94578	16	1

Federal EPA Radon Zone for ALAMEDA 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 Zip Code: 94578

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.100 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, 2010 and 2015 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.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

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

HISTORICAL RESEARCH DOCUMENTATION

APPENDIX C.1

TOPOGRAPHIC MAPS

3199 Alvarado Avenue

3199 Alvarado Avenue

San Leandro, CA 94578

Inquiry Number: 7832581.4

November 25, 2024

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

11/25/24

Site Name:

3199 Alvarado Avenue
3199 Alvarado Avenue
San Leandro, CA 94578
EDR Inquiry # 7832581.4

Client Name:

Ramboll Americas Engineering Solutions,
1111 Broadway; Suite 1400
Oakland, CA 94607
Contact: Jodi Vanneman

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ramboll Americas Engineering Solutions, Inc. 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.# TBD
Project: NA

Coordinates:

Latitude:	37.703678 37° 42' 13" North
Longitude:	-122.153393 -122° 9' 12" West
UTM Zone:	Zone 10 North
UTM X Meters:	574628.61
UTM Y Meters:	4173275.52
Elevation:	31.00' above sea level

Maps Provided:

2021	1959
2018	1948, 1950
2015	1947
2012	1915
1996	1899
1980	
1973	
1968	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets



San Leandro
2021
7.5-minute, 24000

2018 Source Sheets



San Leandro
2018
7.5-minute, 24000

2015 Source Sheets



San Leandro
2015
7.5-minute, 24000

2012 Source Sheets



San Leandro
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1996 Source Sheets



San Leandro
1996
7.5-minute, 24000
Aerial Photo Revised 1993



Hayward
1996
7.5-minute, 24000
Aerial Photo Revised 1993

1980 Source Sheets



Hayward
1980
7.5-minute, 24000
Aerial Photo Revised 1979



San Leandro
1980
7.5-minute, 24000
Aerial Photo Revised 1979

1973 Source Sheets

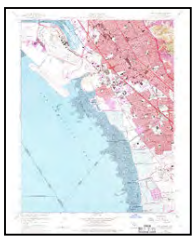


San Leandro
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Hayward
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1968 Source Sheets



San Leandro
1968
7.5-minute, 24000
Aerial Photo Revised 1968



Hayward
1968
7.5-minute, 24000
Aerial Photo Revised 1968

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1959 Source Sheets



Hayward
1959
7.5-minute, 24000
Aerial Photo Revised 1958



San Leandro
1959
7.5-minute, 24000
Aerial Photo Revised 1958

1948, 1950 Source Sheets



San Leandro
1948
7.5-minute, 24000



Hayward
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1947 Source Sheets



San Leandro
1947
7.5-minute, 24000



Hayward
1947
7.5-minute, 24000
Aerial Photo Revised 1946

1915 Source Sheets



Haywards
1915
15-minute, 62500



Hayward
1915
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

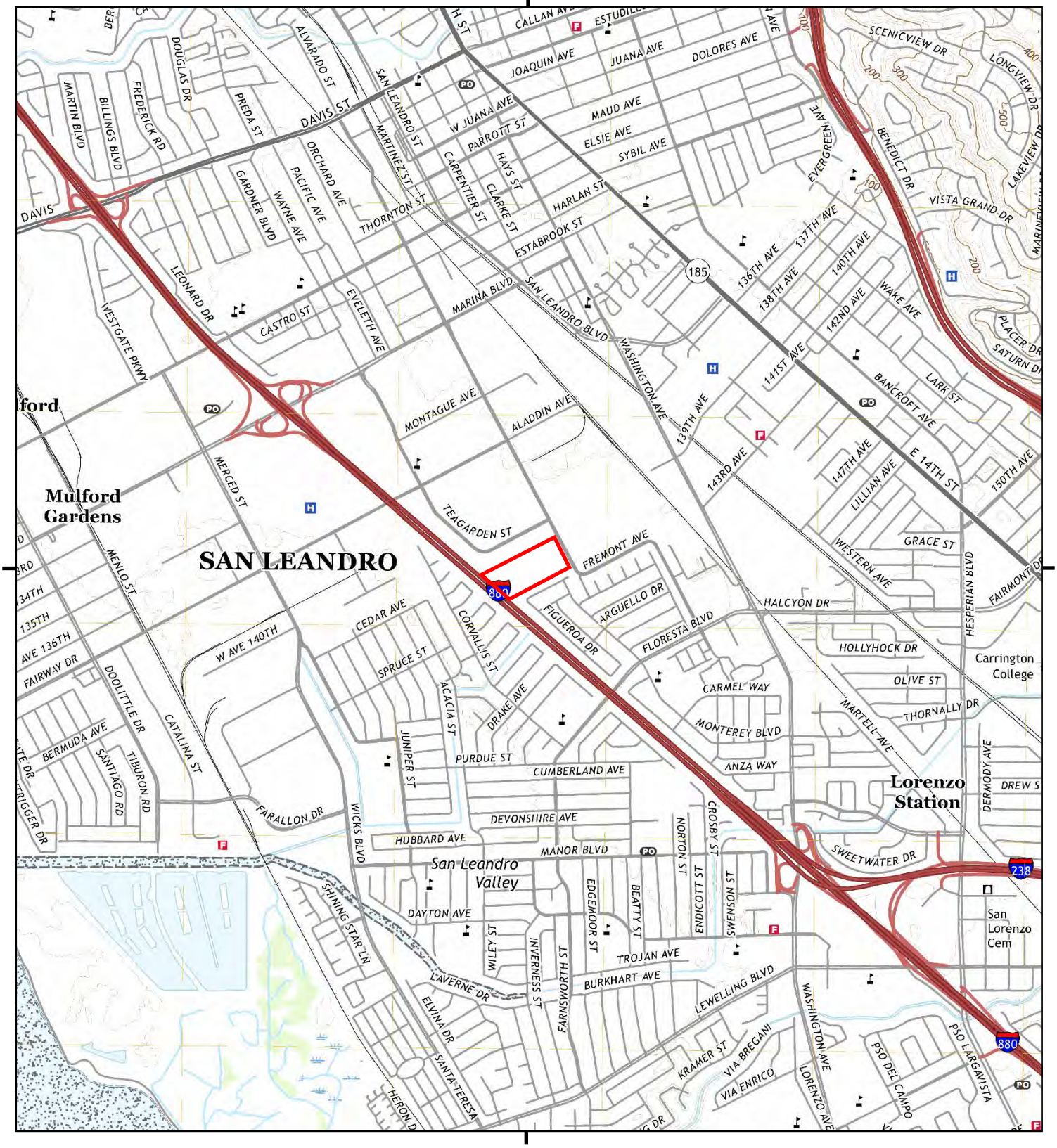
1899 Source Sheets



Haywards
1899
15-minute, 62500

Historical Topo Map

2021



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

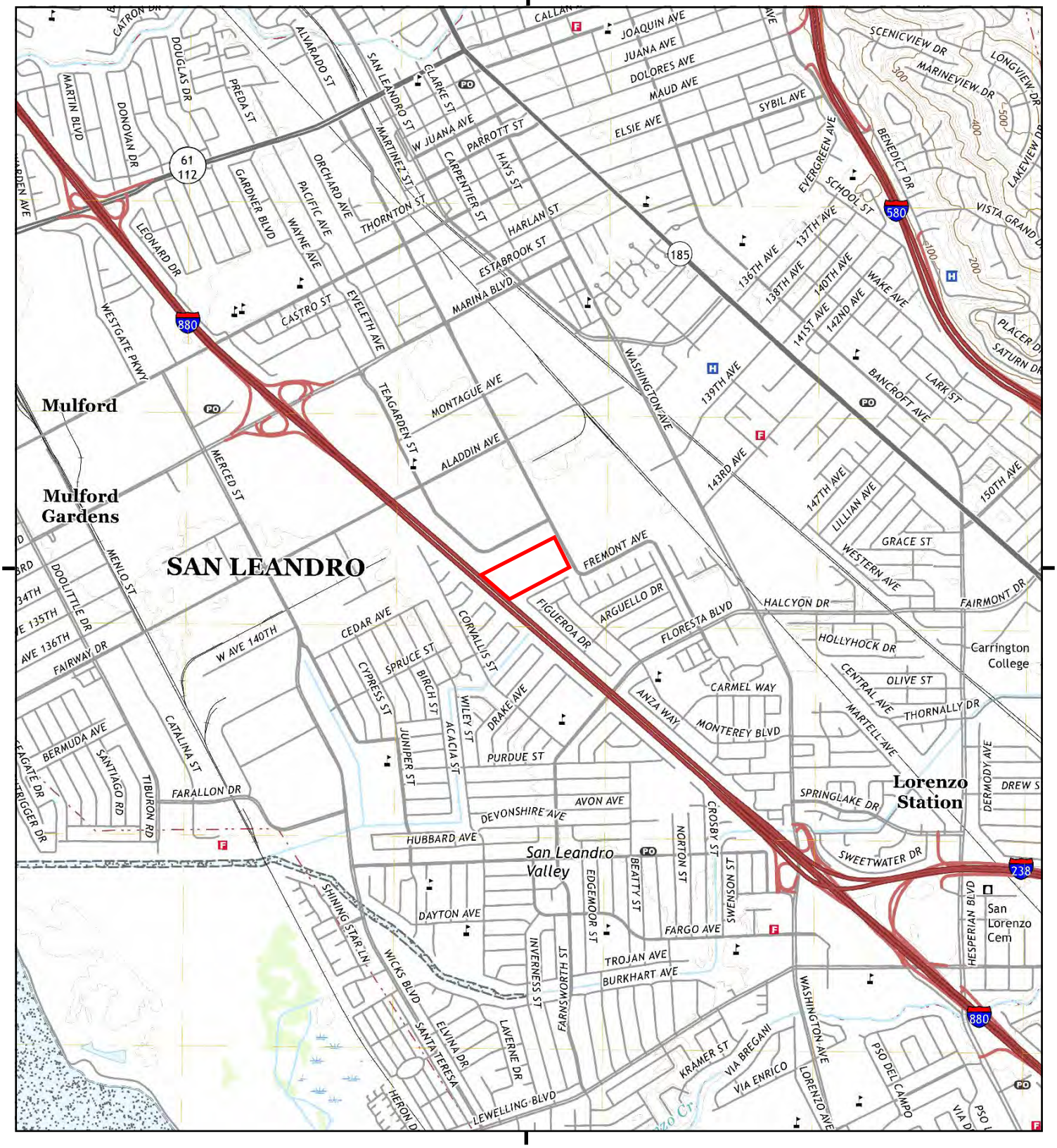
TP, San Leandro, 2021, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N

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

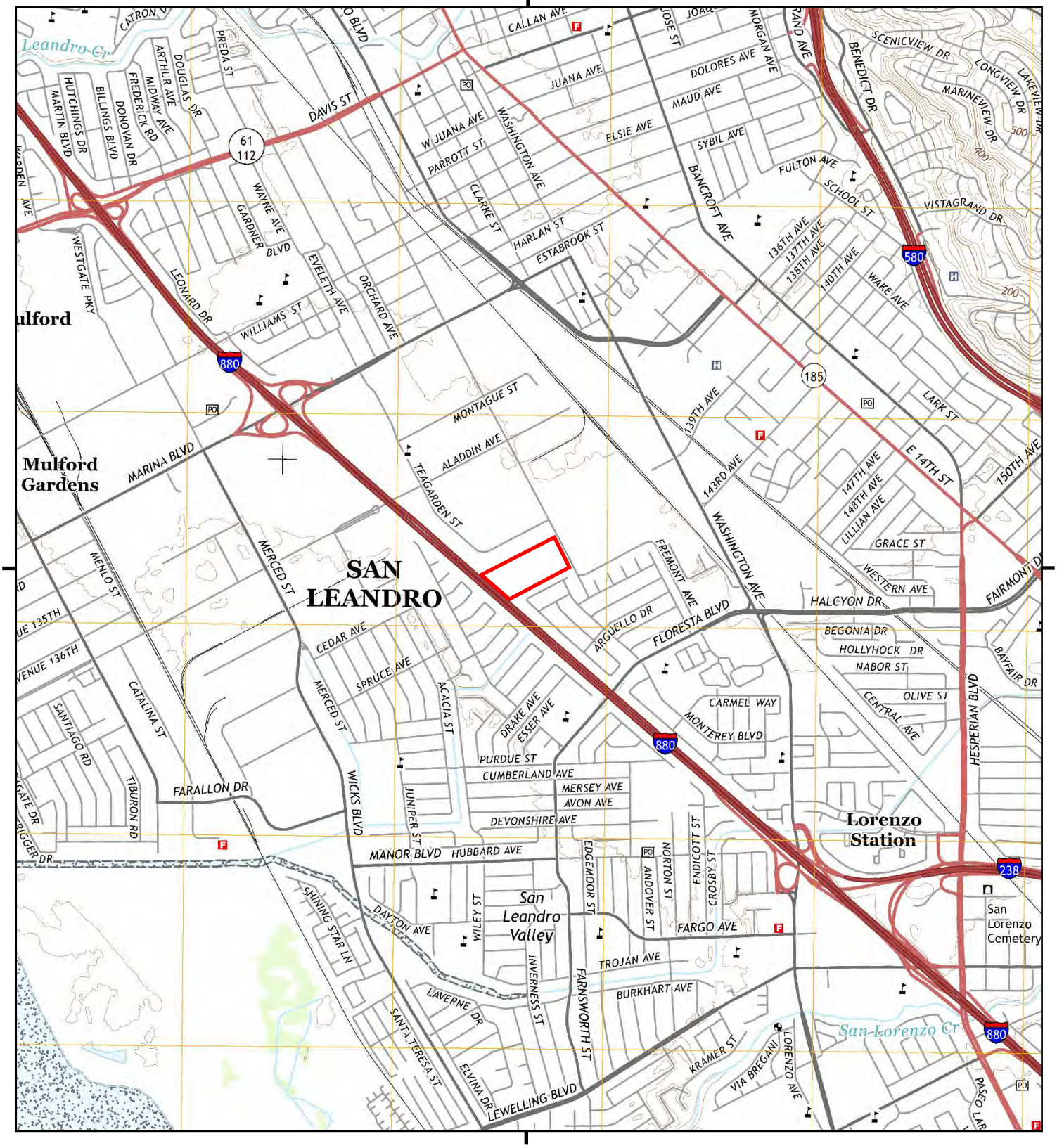
TP, San Leandro, 2018, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

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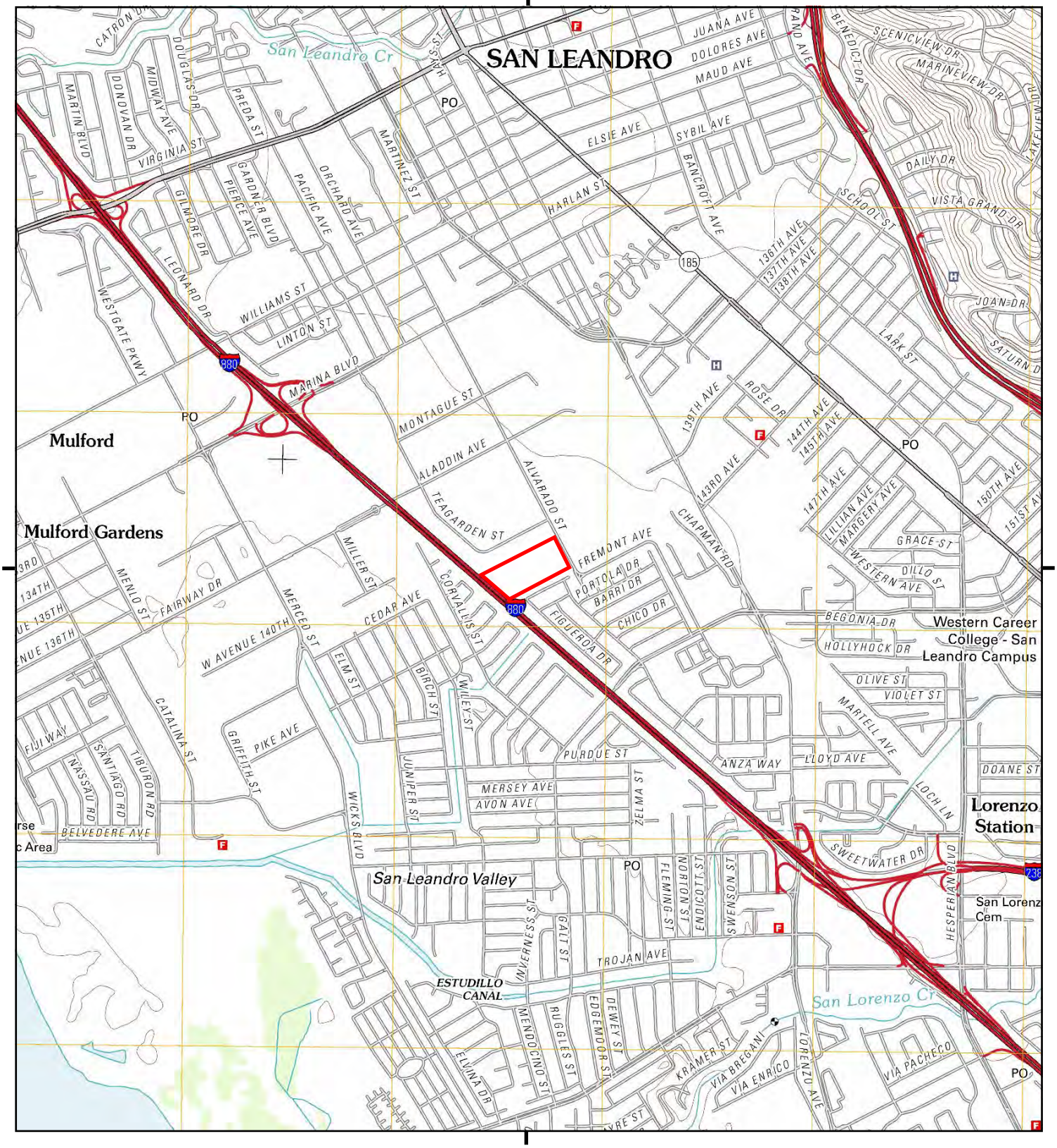
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



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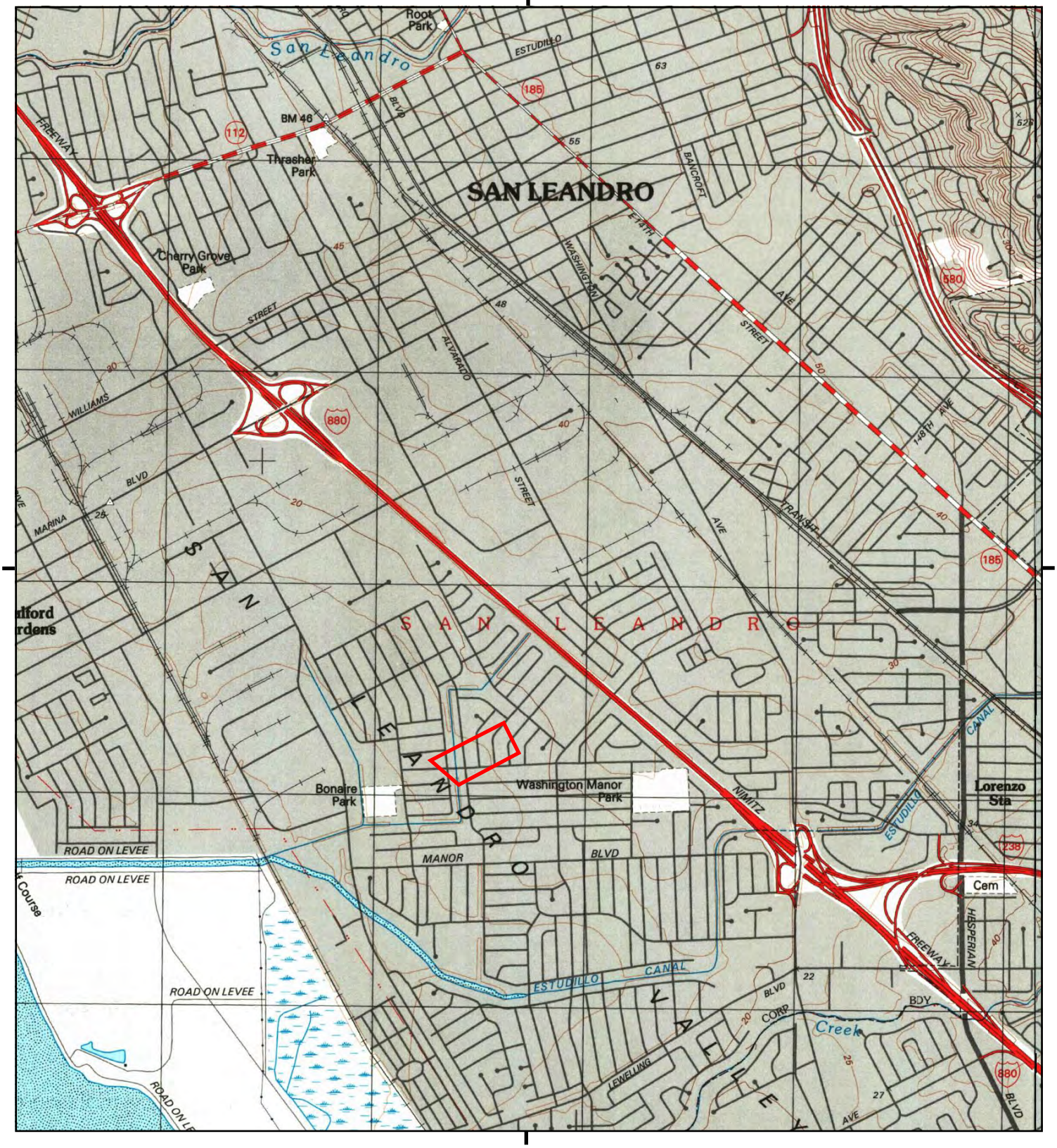
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 2012, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



This report includes information from the following map sheet(s).

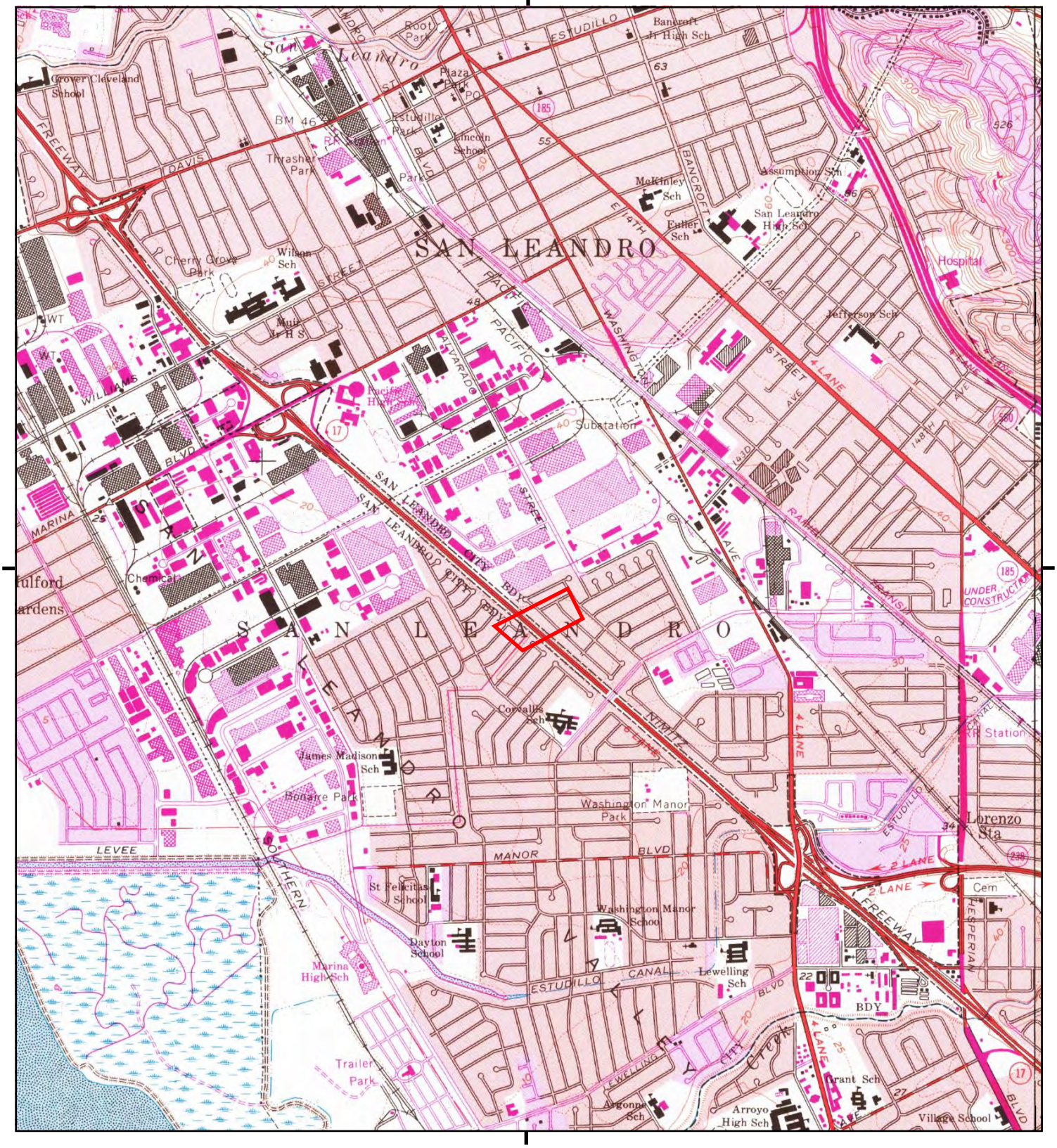
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1996, 7.5-minute
E, Hayward, 1996, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



This report includes information from the following map sheet(s).

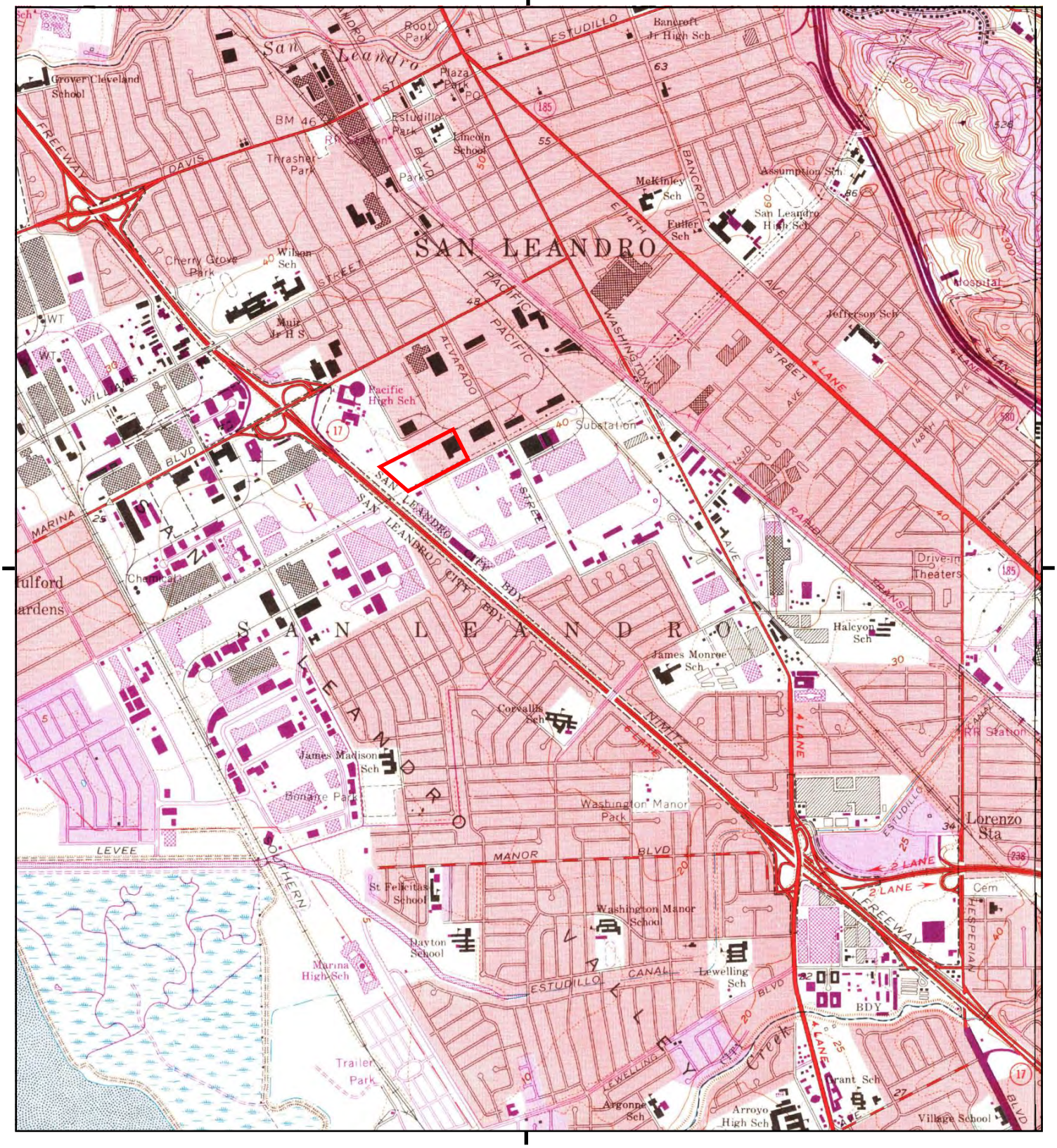
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1980, 7.5-minute
E, Hayward, 1980, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



This report includes information from the following map sheet(s).

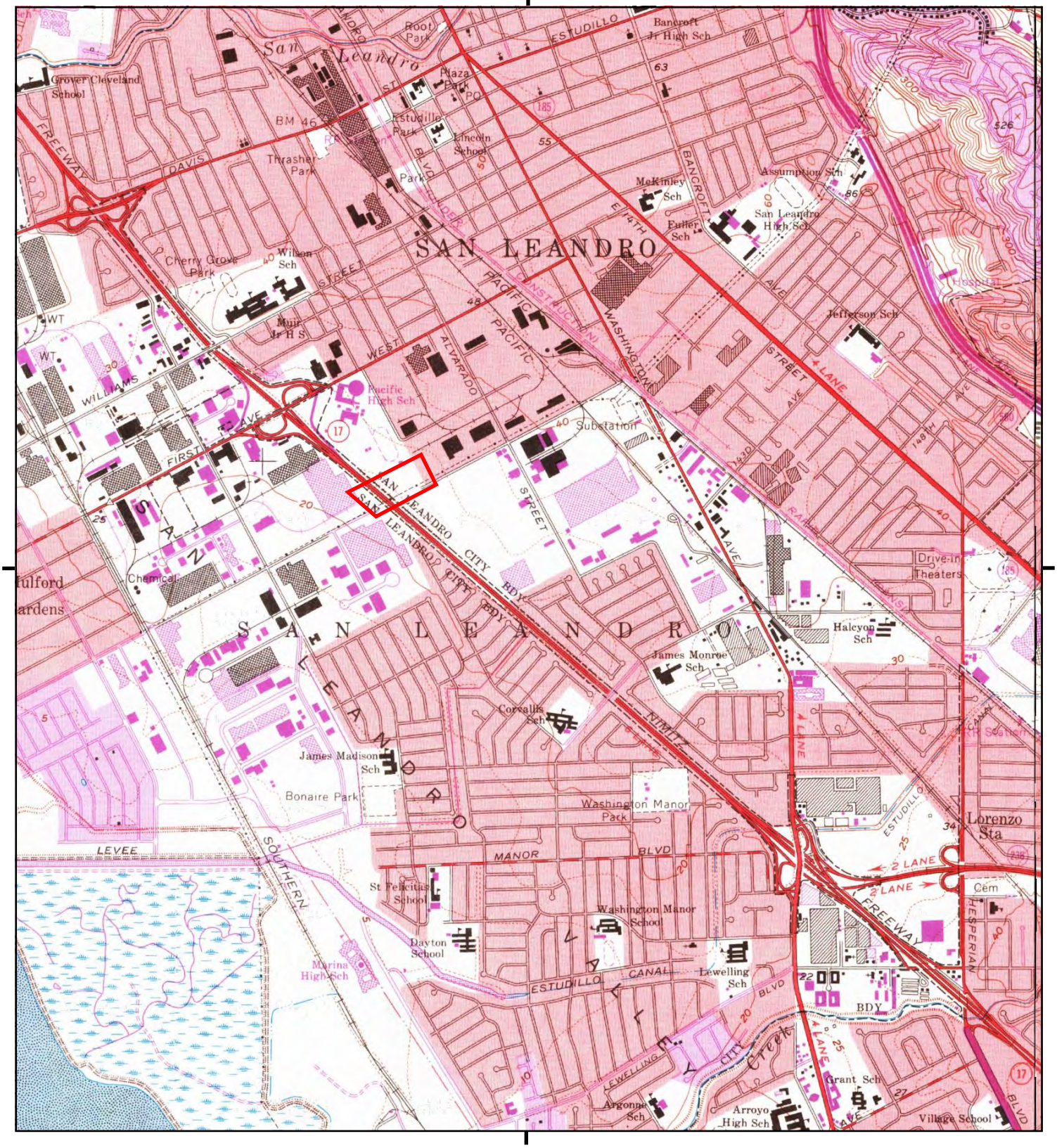
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1973, 7.5-minute
E, Hayward, 1973, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



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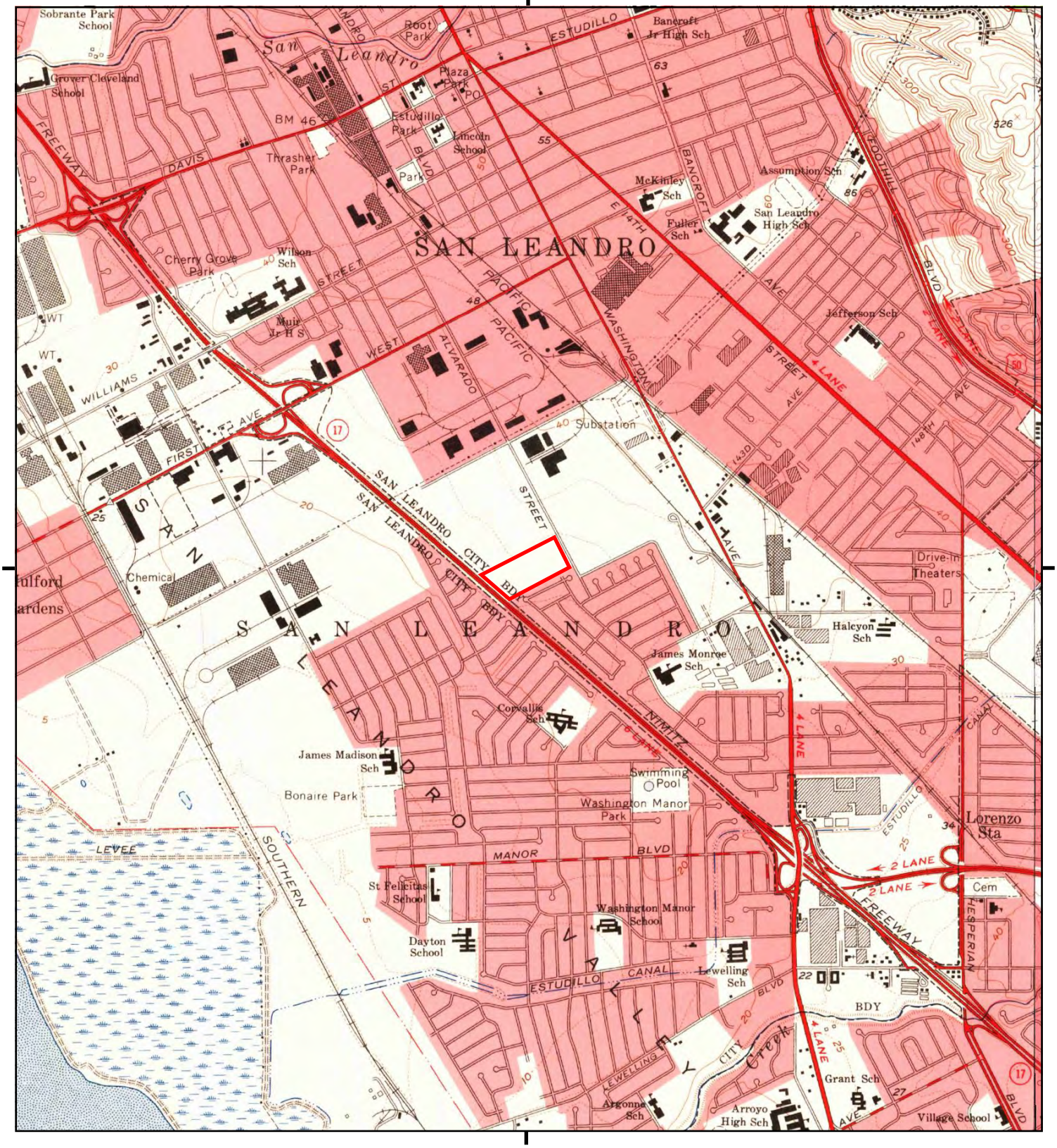
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1968, 7.5-minute
E, Hayward, 1968, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N



This report includes information from the following map sheet(s).

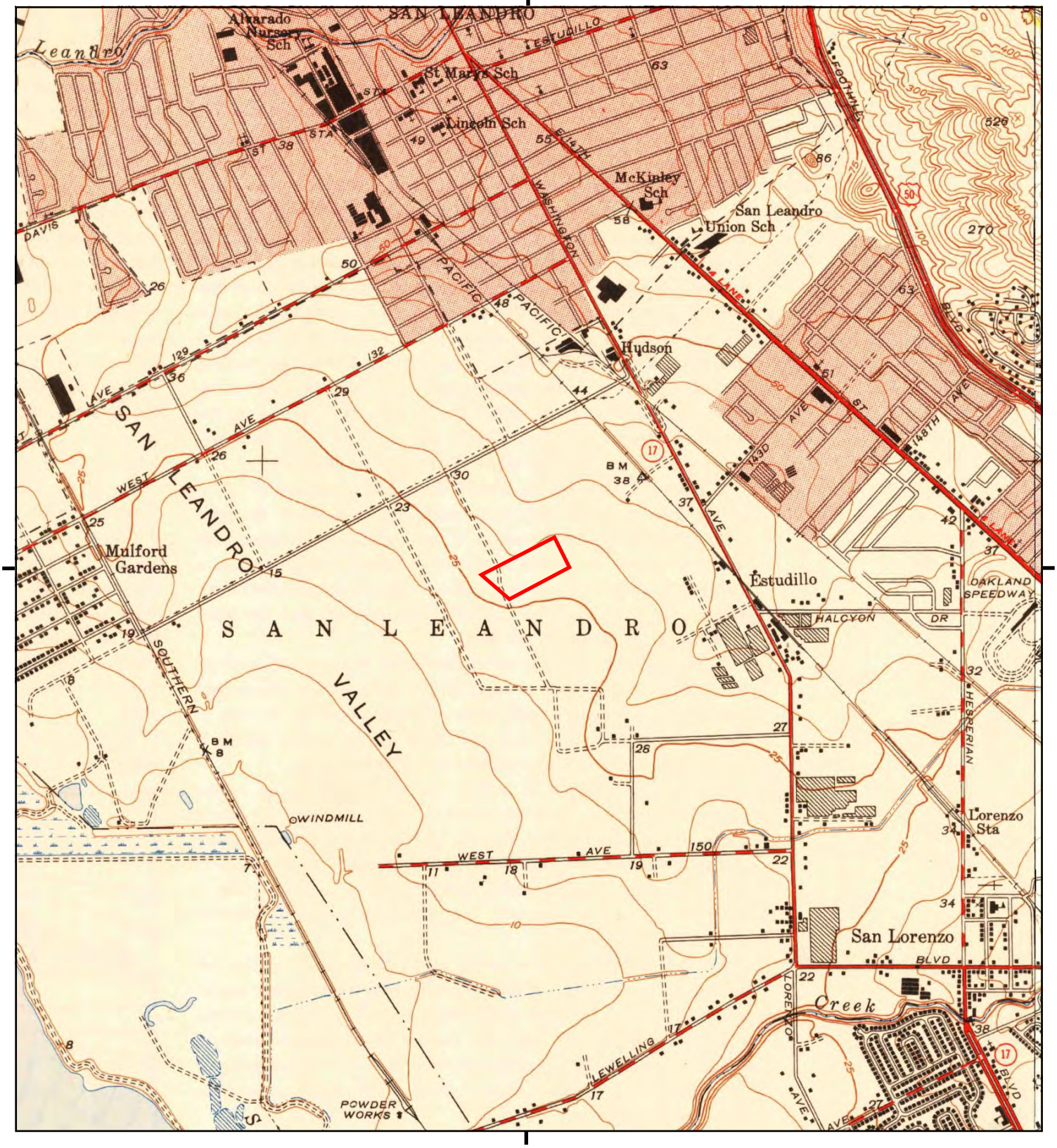
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1959, 7.5-minute
E, Hayward, 1959, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

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

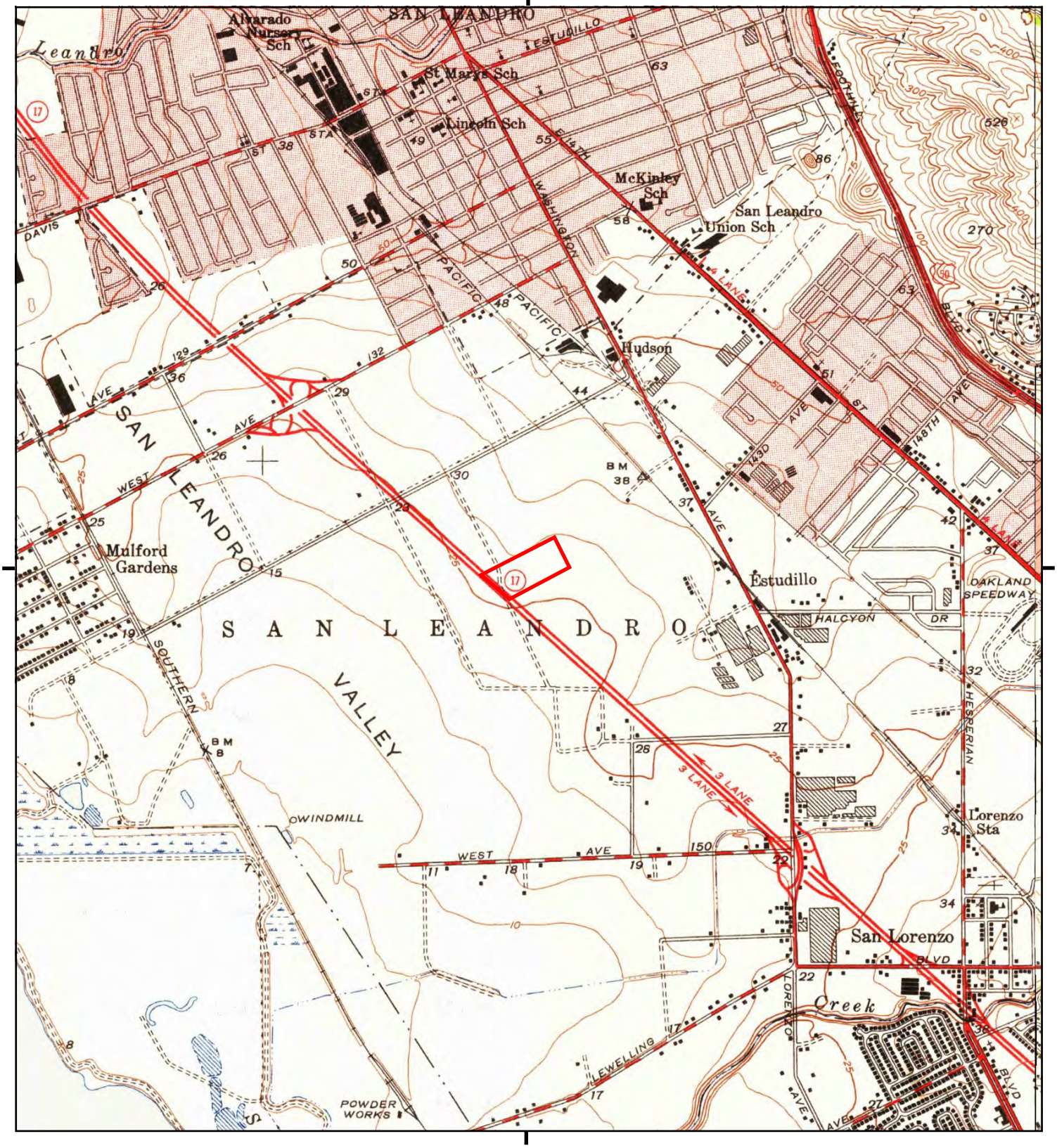
TP, San Leandro, 1948, 7.5-minute
E, Hayward, 1950, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

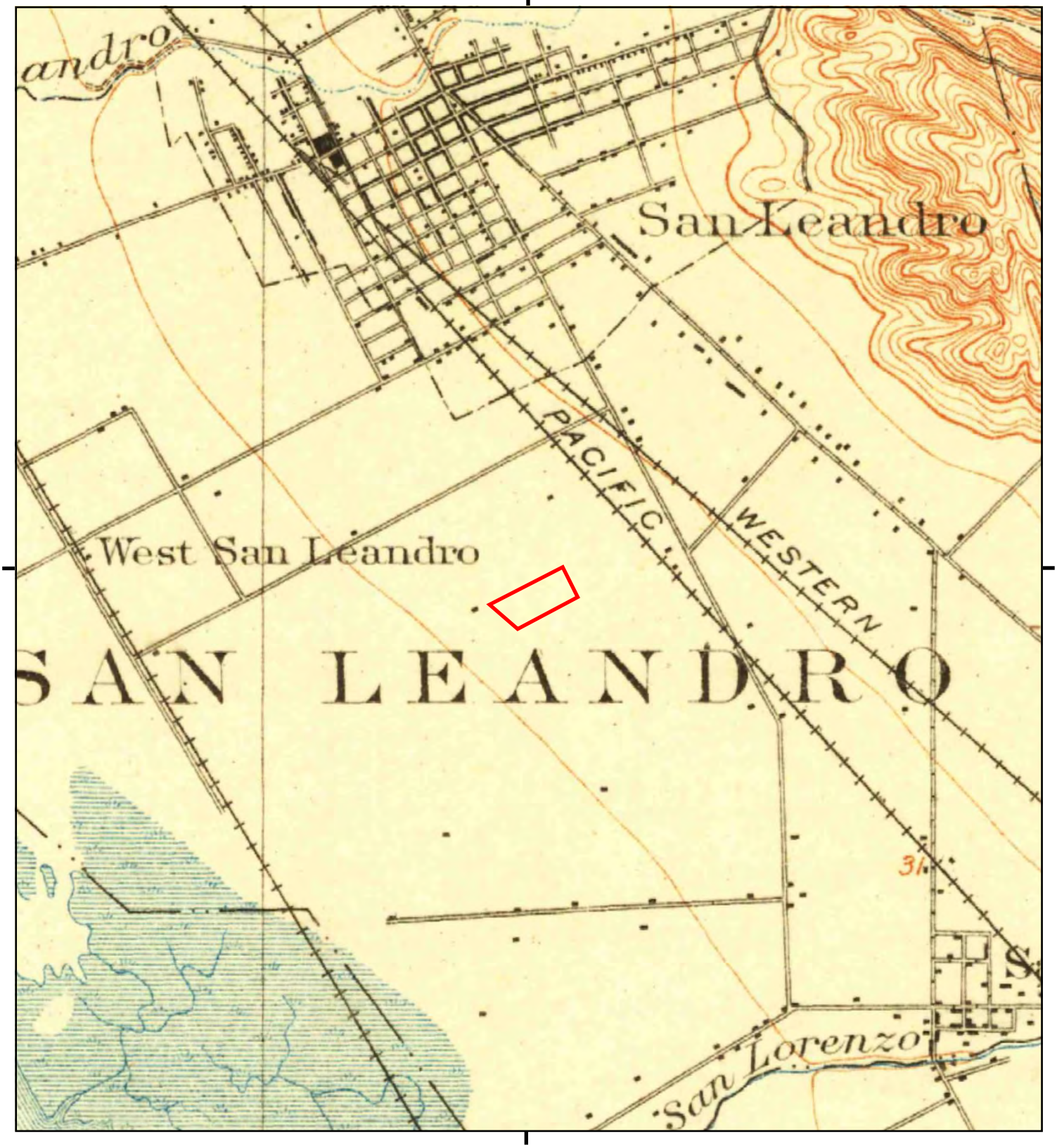
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Leandro, 1947, 7.5-minute
E, Hayward, 1947, 7.5-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

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, Haywards, 1915, 15-minute
TP, Hayward, 1915, 15-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

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, Haywards, 1899, 15-minute

SITE NAME: 3199 Alvarado Avenue
ADDRESS: 3199 Alvarado Avenue
San Leandro, CA 94578
CLIENT: Ramboll Americas Engineering Solutions,

N

APPENDIX C.2

AERIAL PHOTOGRAPHS

3199 Alvarado Avenue

3199 Alvarado Avenue

San Leandro, CA 94578

Inquiry Number: 7832581.8

November 25, 2024

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

11/25/24

Site Name:

3199 Alvarado Avenue
3199 Alvarado Avenue
San Leandro, CA 94578
EDR Inquiry # 7832581.8

Client Name:

Ramboll Americas Engineering Solutions
1111 Broadway; Suite 1400
Oakland, CA 94607
Contact: Jodi Vanneman

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1998	1"=500'	Flight Date: August 27, 1998	USDA
1993	1"=500'	Acquisition Date: July 10, 1993	USGS/DOQQ
1982	1"=500'	Flight Date: July 05, 1982	USDA
1974	1"=500'	Flight Date: October 14, 1974	USGS
1968	1"=500'	Flight Date: April 22, 1968	USGS
1963	1"=500'	Flight Date: June 24, 1963	EDR Proprietary Aerial Viewpoint
1958	1"=500'	Flight Date: July 21, 1958	USGS
1946	1"=500'	Flight Date: July 29, 1946	USGS
1939	1"=500'	Flight Date: July 30, 1939	USDA

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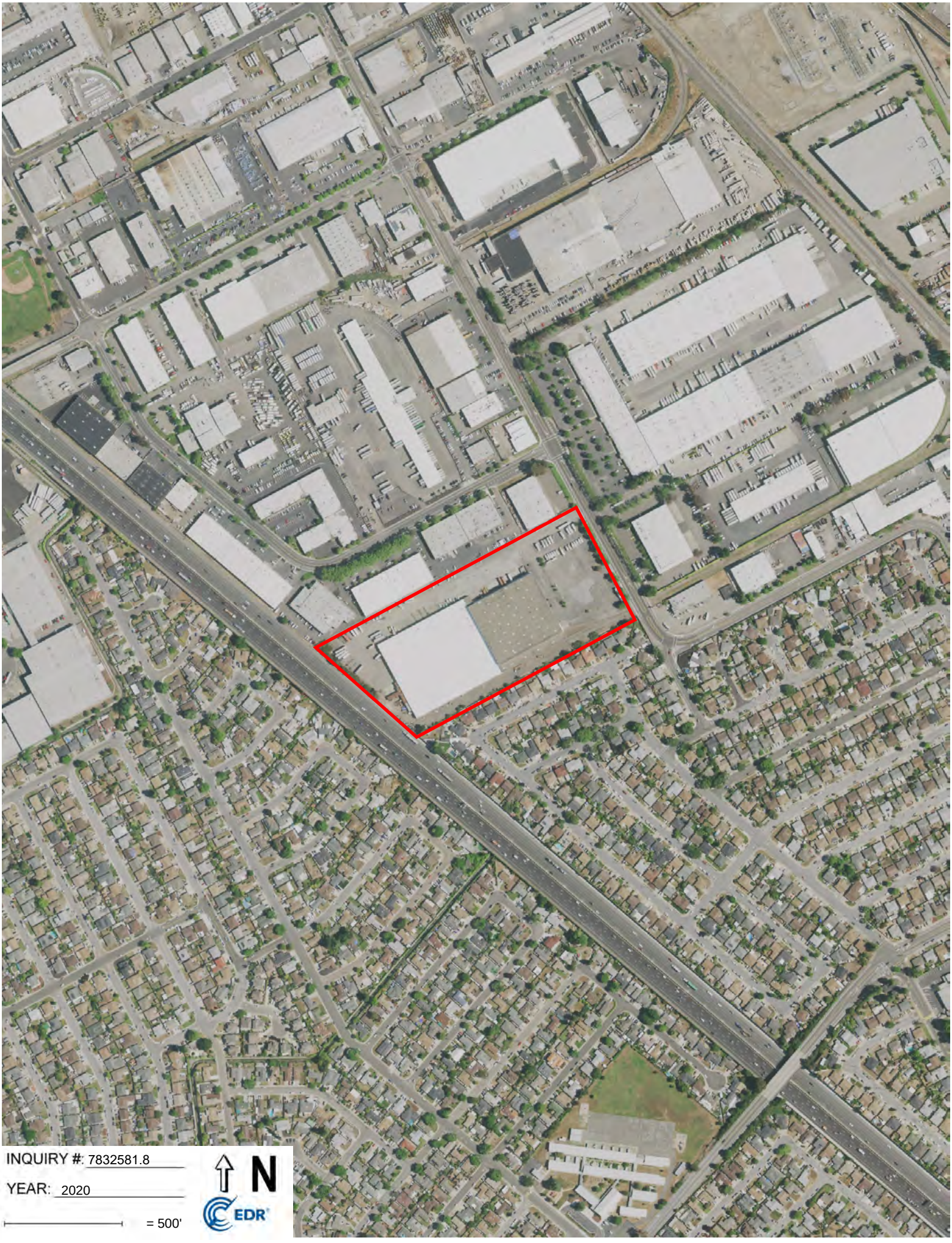
INQUIRY #: 7832581.8
YEAR: 2020
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1998
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1993
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1982
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1974
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1968
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1963
= 500'
N
EDR



INQUIRY #: 7832581.8

YEAR: 1958

= 500'

N

EDR


INQUIRY #: 7832581.8
YEAR: 1946
= 500'
N
EDR


INQUIRY #: 7832581.8
YEAR: 1939
= 500'
N
EDR

APPENDIX C.3

ABSTRACT OF CITY DIRECTORIES

3199 Alvarado Avenue
3199 Alvarado Avenue
San Leandro, CA 94578

Inquiry Number: 7832581.5
November 26, 2024

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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 Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	*Source*	*TP*	*Adjoining*	*Text Abstract*	*Source Image*
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	X	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2006	Haines Company, Inc.	-	-	-	-
2005	Cole Information	X	X	X	-
2002	Haines & Company	X	X	X	-
	R. L. Polk & Co.	X	X	X	-
2000	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1996	PACIFIC BELL DIRECTORY	X	X	X	-
1995	Cole Information	X	X	X	-
1993	Pacific Bell	-	-	-	-
1992	Cole Information	X	X	X	-
	PACIFIC BELL DIRECTORY	X	X	X	-
1991	PACIFIC BELL WHITE PAGES	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1986	Pacific Bell	X	X	X	-
	PACIFIC BELL WHITE PAGES	X	X	X	-
1984	Pacific Bell	-	-	-	-
1982	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	X	X	X	-
1979	Pacific Telephone	X	X	X	-
1976	R. L. Polk & Co.	X	X	X	-
1975	Pacific Telephone	X	X	X	-
1973	Pacific Telephone	-	X	X	-
1970	Pacific Telephone Directory	-	X	X	-
1967	R. L. Polk Co.	-	-	-	-
1965	R. L. Polk & Co.	X	X	X	-
1962	Pacific Telephone	-	X	X	-
1960	Pacific Telephone	-	-	-	-
1959	R. L. Polk & Co.	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	X	-
	The Pacific Telephone & Telegraph Co.	-	X	X	-
1954	R. L. Polk & Co. of California	-	-	-	-
1951	R. L. Polk & Co.	-	-	-	-
1950	The Pacific Telephone & Telegraph Co.	-	-	-	-
1946	R. L. Polk & Co.	-	-	-	-
1945	The Pacific Telephone & Telegraph Co.	-	-	-	-
1943	R. L. Polk & Co.	-	-	-	-
1940	R. L. Polk & Co.	-	-	-	-
1938	Pacific Telephone	-	-	-	-
1933	R. L. Polk & Co.	-	-	-	-
1932	R. L. Polk & Co. of California	-	-	-	-
1928	R. L. Polk Co. of California	-	-	-	-
1926	R. L. Polk & Co.	-	-	-	-
1925	R. L. Polk & Co. of California	-	-	-	-
1920	R. L. Polk & Co. of California	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
2900 Teagarden Street	Client Entered	
2800 Alvarado Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3199 Alvarado Avenue
San Leandro, CA 94578

FINDINGS DETAIL

Target Property research detail.

Alvarado

3199 Alvarado

Year	*Uses*	*Source*
2002	LEVIT 2 ZFURN	Haines & Company
	N 09 IOESOFALVARADO	Haines & Company
	LEVIT 2 ZFURN	R. L. Polk & Co.
	N 09 IOESOFALVARADO	R. L. Polk & Co.
	STREET	R. L. Polk & Co.
2000	LEVITZ FURNITURE	Pacific Bell
1996	LEVITZ FURNITURE	PACIFIC BELL DIRECTORY
1992	LEVITZ FURNITURE	PACIFIC BELL DIRECTORY
1991	LE VITZ FURN ITURE	PACIFIC BELL WHITE PAGES
1986	LE VITZ FURN ITURE	PACIFIC BELL WHITE PAGES
	LEVITZ FURNITURE	PACIFIC BELL WHITE PAGES
1982	GENERAL ELECTRIC CREDIT CORP	Pacific Telephone
1980	Appliance & Furniture Financing	Pacific Telephone
	LEVITZ FURNITURE	Pacific Telephone
1979	GENERAL ELECTRIC CREDIT CORP APPLIANCE & FURNITURE FINANCING	Pacific Telephone
1976	GENERAL ELECTRIC CREDIT CORP APPLIANCE & FURNITURE FINANCING	R. L. Polk & Co.
1975	LEVIT V S FURNITURE	Pacific Telephone
1965	EAY MART DEPT STORE	R. L. Polk & Co.

FINDINGS

ALVARADO ST

3199 ALVARADO ST

Year	*Uses*	*Source*
2020	DDC-DEPENDABLE DSTRBTN CTR	EDR Digital Archive
	DHX INC	EDR Digital Archive
	DHX-DEPENDABLE HAWAIIAN EXP	EDR Digital Archive
2017	CANON SOLUTIONS AMERICA	Cole Information
	DHE	Cole Information
	DHX INC	Cole Information
2014	DHE	Cole Information
	DHX INC	Cole Information
2010	DHE	Cole Information
	DHX DEPENDABLE HAWAIIAN EXPRSS	Cole Information
	DHX INC	Cole Information
	PIONEER SAWDUST	Cole Information
2005	LEVITZ FURNITURE	Cole Information
2000	LEVITZ FURNITURE	Cole Information
1995	LEVITZ FURNITURE	Cole Information
1992	LEVITZ FURNITURE	Cole Information

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Alvarado

2800 Alvarado

Year	*Uses*	*Source*
2000	WILLAMETTE INDUSTRIES INC	Pacific Bell
	WILLAMETTE INDUSTRIES INC	Pacific Bell
1996	WILLAMETTE INDUSTRIES INC	PACIFIC BELL DIRECTORY
	WILLAMETTE INDUSTRIES INC	PACIFIC BELL DIRECTORY
1992	WILLAMETTE INDUSTRIES INC	PACIFIC BELL DIRECTORY
1991	Western Kraft	PACIFIC BELL WHITE PAGES
	W E S TE RN KRAFT W ILLAME TTE IN DUS TRIE S IN C	PACIFIC BELL WHITE PAGES
	No Charge Ask Opr For	PACIFIC BELL WHITE PAGES
1986	Western Kraft	PACIFIC BELL WHITE PAGES
	W E S TE RN KRAFT W ILLAME TTE	PACIFIC BELL WHITE PAGES
	IN DUS TRIE S IN C	PACIFIC BELL WHITE PAGES
	No Charge Ask Opr For	PACIFIC BELL WHITE PAGES
	WESTERN KRAFT	PACIFIC BELL WHITE PAGES
	WILLAMETTE INDUSTRIES	PACIFIC BELL WHITE PAGES
1980	Western Kraft	Pacific Telephone
	WESTERN KRAFT PAPER GROUP WILLAMETTE INDUSTRIES INC	Pacific Telephone
1970	WESTERN CORRUGATED INC SAN LEANDRO	Pacific Telephone Directory
1965	WESTERN CORRUGATED INC	R. L. Polk & Co.
1962	WESTERN CORRUGATED INC	Pacific Telephone
1959	Western Corrugated Inc box mfrs 4 EL	R. L. Polk & Co.
1955	WESTERN CORRUGATED BOX INC SAN LEANDRO	The Pacific Telephone & Telegraph Co.

FINDINGS

ALVARADO

3000 ALVARADO

Year	Uses	Source
1959	Wards San Leandro	R. L. Polk & Co.
	Distributing Center e	R. L. Polk & Co.
	Wards Garden Shop sups e	R. L. Polk & Co.
	Wards Auto Serv	R. L. Polk & Co.
	accessories e	R. L. Polk & Co.
	Wards Catalog Store	R. L. Polk & Co.

ALVARADO CT

3016 ALVARADO CT

Year	Uses	Source
1986	STANDARD T CHEMICAL CO	PACIFIC BELL WHITE PAGES

3075 ALVARADO CT

Year	Uses	Source
1986	M MM CARPETS	PACIFIC BELL WHITE PAGES
	UNLIMITED	PACIFIC BELL WHITE PAGES

ALVARADO ST

2952 ALVARADO ST

Year	Uses	Source
2002	NVBOBSDIS	Haines & Company
	NVBOBSDIS	R. L. Polk & Co.
2000	E NEVADA BOB S DISCOUNT GOLF	Pacific Bell
1996	E NEVADA BOB S DISCOUNT GOLF	PACIFIC BELL DIRECTORY
1992	ORIENTAL VASE	PACIFIC BELL DIRECTORY
	NEVADA BOB S DISCOUNT GOLF	PACIFIC BELL DIRECTORY

2954 ALVARADO ST

Year	Uses	Source
2002	BEST BUY FURN	Haines & Company
	BEST BUY FURN	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2000	BEST BUY FURNITURE	Pacific Bell
1996	BEST BUY FURNITURE	PACIFIC BELL DIRECTORY
1992	BEST BUY FURNITURE	PACIFIC BELL DIRECTORY
1991	Best Buy Furniture	PACIFIC BELL WHITE PAGES

2960 ALVARADO ST

Year	Uses	Source
2002	FASTRAK MOVERS INC	Haines & Company
	THE NEWS	Haines & Company
	FASTRAK MOVERS INC	R. L. Polk & Co.
	THE NEWS	R. L. Polk & Co.
2000	THE NEWS GROUP	Pacific Bell
	C FASTRAK MOVERS INC	Pacific Bell
1996	C CHINA UNITED INTERNATIONAL	PACIFIC BELL DIRECTORY
	H CAMPA MERCANTILE	PACIFIC BELL DIRECTORY
1992	G HA TRANSPORTATION DISTRIBUTION SYSTEMS	PACIFIC BELL DIRECTORY
1991	CALTOP Cooperative Inc	PACIFIC BELL WHITE PAGES

2964 ALVARADO ST

Year	Uses	Source
2002	TRANSPORTATION HONOLULU FR	Haines & Company
	SERVICE LIGHTNINGDR	Haines & Company
	UNITEDDR	Haines & Company
	WAREHOUSING&TRCK	Haines & Company
	TRANSPORTATION HONOLULU FR	R. L. Polk & Co.
	SERVICE LIGHTNINGDR	R. L. Polk & Co.
	UNITEDDR	R. L. Polk & Co.
	WESTRN WAY	R. L. Polk & Co.
	WAREHOUSING&TRCK	R. L. Polk & Co.
2000	WESTERN WAY WAREHOUSING & TRUCKING	Pacific Bell
	SEQUENTIA	Pacific Bell
	K D E W TRANSPORTATION	Pacific Bell
	K HONOLULU FREIGHT SERVICE	Pacific Bell

FINDINGS

Year	Uses	Source
2000	K HONOLULU FREIGHT SERVICE	Pacific Bell
1996	FUSCO ABRASIVE SYSTEMS INC	PACIFIC BELL DIRECTORY
	WESTERN WAY WAREHOUSING & TRUCKING	PACIFIC BELL DIRECTORY
	A MASON-TYNDALL SALES CORP	PACIFIC BELL DIRECTORY

2968 ALVARADO ST

Year	Uses	Source
2002	SIERR	Haines & Company
	EXPRESSING	Haines & Company
	SIERR	R. L. Polk & Co.
	EXPRESSING	R. L. Polk & Co.
2000	SECURITY EXPRESS	Pacific Bell
	A SIERRA WEST EXPRESS INC	Pacific Bell
1996	DAYWEST EXPRESS	PACIFIC BELL DIRECTORY
	A HAWAII CARGO SERVICE LTD	PACIFIC BELL DIRECTORY
	A WESTERN MOTOR EXPRESS	PACIFIC BELL DIRECTORY
	B WILLS FREIGHT LINE INC	PACIFIC BELL DIRECTORY
1992	BAY AREA FAST FREIGHT INC	PACIFIC BELL DIRECTORY
	FREEWAY EXPRESS	PACIFIC BELL DIRECTORY
1991	Bay Area Distributing Co	PACIFIC BELL WHITE PAGES
	Bay Area Driving School	PACIFIC BELL WHITE PAGES
	Bay Area Fast Freight Inc	PACIFIC BELL WHITE PAGES
	CALTOP Cooperative Inc	PACIFIC BELL WHITE PAGES
	CALTOP Cooperative Inc	PACIFIC BELL WHITE PAGES
	Rapid Freight Systems	PACIFIC BELL WHITE PAGES
	Rapid Motions	PACIFIC BELL WHITE PAGES
	Rapid Press	PACIFIC BELL WHITE PAGES

2972 ALVARADO ST

Year	Uses	Source
2002	COMNCTN HAR	Haines & Company
	INC SS WAREHO	Haines & Company
	SALINASVLY MOTOR	Haines & Company

FINDINGS

Year	Uses	Source
2002	EXPRESS	Haines & Company
	COMNCTN HAR	R. L. Polk & Co.
	INC SS WAREHO	R. L. Polk & Co.
	SALINASVLY MOTOR	R. L. Polk & Co.
	EXPRESS	R. L. Polk & Co.
2000	S & S WAREHOUSING	Pacific Bell
	SALINAS VALLEY SANTA CRUZ MOTOR EXPRESS	Pacific Bell
	C COMMUNICATION HARDWARE INC	Pacific Bell
1996	S & S WAREHOUSING	PACIFIC BELL DIRECTORY
	SALINAS VALLEY SANTA CRUZ MOTOR EXPRESS	PACIFIC BELL DIRECTORY
	C COMMUNICATION HARDWARE INC	PACIFIC BELL DIRECTORY
1992	SALINAS VALLEY SANTA CRUZ MOTOR EXPRESS	PACIFIC BELL DIRECTORY
	COMMUNICATION HARDWARE INC	PACIFIC BELL DIRECTORY
1991	Irving Food Inc	PACIFIC BELL WHITE PAGES
	Salinas Valley Santa Cruz Motor Express	PACIFIC BELL WHITE PAGES

2976 ALVARADO ST

Year	Uses	Source
2002	ACS FORWA	Haines & Company
	CAMPA MERCA	Haines & Company
	GUAM FR	Haines & Company
	FORWARDRS SEASAIR	Haines & Company
	MASS ELECTRIC	Haines & Company
	CONSTRUCTION CO PACMICRON	Haines & Company
	LINES TR	Haines & Company
	FORWARDERS	Haines & Company
	ACS FORWA	R. L. Polk & Co.
	CAMPA MERCA	R. L. Polk & Co.
	GUAM FR	R. L. Polk & Co.
	FORWARDRS SEASAIR	R. L. Polk & Co.
	MASS ELECTRIC	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2002	CONSTRUCTION CO PACMICRON	R. L. Polk & Co.
	LINES TRIPLEB	R. L. Polk & Co.
	FORWARDERS	R. L. Polk & Co.
2000	TRIPLE B FORWARDERS	Pacific Bell
	GUAM FREIGHT FORWARDERSSEA & AIR SERVICE	Pacific Bell
	ASSOCIATED CARGO SERVICES INC	Pacific Bell
	A CAMPA MERCANTILE	Pacific Bell
	D MASS ELECTRIC CONSTRUCTION CO	Pacific Bell
	H ASSOCIATED CARGO SERVICES INC	Pacific Bell
1996	GUAM FREIGHT FORWARDERS & CONSOLIDATORS	PACIFIC BELL DIRECTORY
	HONOLULU FREIGHT SERVICE	PACIFIC BELL DIRECTORY
	LIGHTNING DRAYAGE COMPANY INC	PACIFIC BELL DIRECTORY
	GUAM AIR FREIGHT	PACIFIC BELL DIRECTORY
	A ACT	PACIFIC BELL DIRECTORY
	A BMS TRANSPORTATION DISTRIBUTION	PACIFIC BELL DIRECTORY
	A D & D TRUCKING	PACIFIC BELL DIRECTORY
	D GENERAL RAILWAY SIGNAL CORP	PACIFIC BELL DIRECTORY

2984 ALVARADO ST

Year	Uses	Source
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.

2986 ALVARADO ST

Year	Uses	Source
2002	CALWESTEX	Haines & Company
	HAWAIIAN	Haines & Company
	DISTRIBUTION SYST	Haines & Company
	INC SECURITY EX	Haines & Company
	CALWESTEX	R. L. Polk & Co.
	HAWAIIAN	R. L. Polk & Co.
	DISTRIBUTION SYST	R. L. Polk & Co.
	INC SECURITY EX	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2000	HAWAIIAN DISTRIBUTION SYSTEM INC	Pacific Bell
	H CAL WEST EXPRESS	Pacific Bell
1996	HAWAIIAN DISTRIBUTION SYSTEM INC	PACIFIC BELL DIRECTORY
1992	HAWAIIAN DISTRIBUTION SYSTEM INC	PACIFIC BELL DIRECTORY
1991	Direct Container Line Inc	PACIFIC BELL WHITE PAGES
	Direct Delivery	PACIFIC BELL WHITE PAGES
	HAW AIIAN DIS TRIBUTION S YS TE M IN C	PACIFIC BELL WHITE PAGES

2992 ALVARADO ST

Year	Uses	Source
2002	CALIF OP	Haines & Company
	LEATHER INC HAN	Haines & Company
	SAEHANTRAD	Haines & Company
	CONSOLIDATION	Haines & Company
	CALIF OPTICAL	R. L. Polk & Co.
	LEATHER INC HAN	R. L. Polk & Co.
	SAEHANTRAD	R. L. Polk & Co.
	CONSOLIDATION	R. L. Polk & Co.
2000	USF COAST CONSOLIDATION	Pacific Bell
	A CALIF OPTICAL LEATHER INC	Pacific Bell
	L SAEHAN TRADING CO	Pacific Bell
	M HANMI INC	Pacific Bell
1996	ZEISS CARL INC	PACIFIC BELL DIRECTORY
	ALLERGAN HUMPHREY	PACIFIC BELL DIRECTORY
1992	ALLERGAN HUMPHREY	PACIFIC BELL DIRECTORY
1991	Allergan Humphrey	PACIFIC BELL WHITE PAGES
	Humphrey	PACIFIC BELL WHITE PAGES
	Humphrey J	PACIFIC BELL WHITE PAGES

2996 ALVARADO ST

Year	Uses	Source
2002	SUN L	Haines & Company
	WILLS FREIGHT LINE	Haines & Company
	SUN L	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2002	WILLS FREIGHT LINE	R. L. Polk & Co.
2000	C SUN LEE INC	Pacific Bell
	F PLAY SMART INC	Pacific Bell
	F WILLS FREIGHT LINE INC	Pacific Bell
1996	C SUN LEE INC	PACIFIC BELL DIRECTORY
1992	ANDERSON & SONS TRUCKING INC	PACIFIC BELL DIRECTORY

3000 ALVARADO ST

Year	Uses	Source
1986	San Leandro Customers	PACIFIC BELL WHITE PAGES
	Distribution Center	PACIFIC BELL WHITE PAGES
	MONTGOMERY WARD & CO	PACIFIC BELL WHITE PAGES
	MONTGOMERY WARD & CO	PACIFIC BELL WHITE PAGES
1982	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
1980	Customer Repair Service	Pacific Telephone
	San Leandro Customers	Pacific Telephone
	Retail Dept Stores	Pacific Telephone
	Distribution Center	Pacific Telephone
	Custom Drapery Control Center	Pacific Telephone
1979	MONTGOMERY WERD & CO	Pacific Telephone
	MONTGOMERY WERD & CO	Pacific Telephone
	MONTGOMERY WERD & CO	Pacific Telephone
	MONTGOMERY WERD & CO	Pacific Telephone
1976	MON	R. L. Polk & Co.
	MON	R. L. Polk & Co.
1975	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
	MONTGOMERY WARD & CO	Pacific Telephone
1970	MONTGOMERY WARD & CO	Pacific Telephone Directory
	MONTGOMERY WARD & CO	Pacific Telephone Directory
	MONTGOMERY WARD & CO	Pacific Telephone Directory
	MONTGOMERY WARD & CO	Pacific Telephone Directory
1965	MONTGOMERY WARD & CO DEPT STORE	R. L. Polk & Co.
1962	San Leandro Retail Store	Pacific Telephone
	San Leandro Catalog Telephone Orders	Pacific Telephone
	San Leandro Repair Service	Pacific Telephone
	San Leandro Distribution Center	Pacific Telephone

3004 ALVARADO ST

Year	Uses	Source
2002	ELECTRICAL SALES	Haines & Company
	GRP COURIEREXPRE	Haines & Company
	COURIER EXPRESS INC	Haines & Company
	ELECTRICAL SALES	R. L. Polk & Co.
	GRP COURIEREXPRE	R. L. Polk & Co.
	COURIER EXPRESS INC	R. L. Polk & Co.
2000	COURIER EXPRESS INC	Pacific Bell
	COURIER EXPRESS INC	Pacific Bell
	A BRIDGEWAY ELECTRICAL SALES GROUP	Pacific Bell
1996	K UNISOURCE OFFICE SERVICE	PACIFIC BELL DIRECTORY
1992	UNISOURCE OFFICE SERVICE	PACIFIC BELL DIRECTORY
	UNIQUE BUILDING PRODUCTS INC	PACIFIC BELL DIRECTORY
	G ODYSSEY USA INC	PACIFIC BELL DIRECTORY
1991	Laura Scudders Inc	PACIFIC BELL WHITE PAGES
	Laurant Alexander	PACIFIC BELL WHITE PAGES
	Odyssey US A Inc	PACIFIC BELL WHITE PAGES

FINDINGS

3006 ALVARADO ST

Year	Uses	Source
1975	GILMORE & NOLAN PAINT CO	Pacific Telephone

3012 ALVARADO ST

Year	Uses	Source
2002	AIR EAGLE INC	Haines & Company
	DAYLIGHTTRAN	Haines & Company
	DAYWESTLODGI	Haines & Company
	AIR EAGLE INC	R. L. Polk & Co.
	DAYLIGHTTRAN	R. L. Polk & Co.
	DAYWESTLODGI	R. L. Polk & Co.
2000	A DAYWEST LOGISTICS	Pacific Bell
	B AIR EAGLE INC	Pacific Bell
1996	MATHESON FAST FREIGHT	PACIFIC BELL DIRECTORY
1992	SUPER CAL EXPRESS	PACIFIC BELL DIRECTORY
	SUPERIOR FAST FREIGHT	PACIFIC BELL DIRECTORY
	TRI-GOLDEN SERVICES	PACIFIC BELL DIRECTORY
1991	Tri Golden Services	PACIFIC BELL WHITE PAGES

3016 ALVARADO ST

Year	Uses	Source
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1980	Gilmore & Nolan Paint Co	Pacific Telephone
	Paint Factory	Pacific Telephone
	Standard T Chemical Co Inc	Pacific Telephone
	Standard T Chemical Co Inc	Pacific Telephone
1975	MONTGOMERY WARD & CO	Pacific Telephone
1970	MONTGOMERY WARD & CO	Pacific Telephone Directory
	STANDARD T CHEMICAL CO INC SAN LEANDRO	Pacific Telephone Directory
1962	Paint Factory	Pacific Telephone

FINDINGS

3018 ALVARADO ST

Year	Uses	Source
2002	PAC COASTS	Haines & Company
	PC KITCHEN	Haines & Company
	CABINET&BLSPLINC SARAS PRINTS INC	Haines & Company
	PAC COASTS	R. L. Polk & Co.
	PC KITCHEN	R. L. Polk & Co.
	CABINET&BLSPLINC SARAS PRINTS INC	R. L. Polk & Co.
2000	A SARA S PRINTS INC	Pacific Bell
	D PC KITCHEN CABINET & BUILDING SUPPLY INC	Pacific Bell
1996	A SARA S PRINTS INC	PACIFIC BELL DIRECTORY
1992	O H MATERIALS CORP	PACIFIC BELL DIRECTORY
	D UBEC	PACIFIC BELL DIRECTORY
1991	Saras Prints Inc	PACIFIC BELL WHITE PAGES
	Sarason B	PACIFIC BELL WHITE PAGES

3020 ALVARADO ST

Year	Uses	Source
1962	UNIVERSAL LEASEWAY SYSTEM INC OF NORTHERN CALIFORNIA	Pacific Telephone

3044 ALVARADO ST

Year	Uses	Source
2005	PONY EXPRESS DELIVERY SERVICES INC	Cole Information

3075 ALVARADO ST

Year	Uses	Source
2010	UNION STORE SUPLS & FIXTURES	Cole Information
	MMM CARPETS UNLIMITED	Cole Information
2002	HHM CA	Haines & Company
	UNLIMITED	Haines & Company
	HHM CA	R. L. Polk & Co.
	UNLIMITED	R. L. Polk & Co.
2000	M M M CARPETS UNLIMITED	Pacific Bell
	M M M CARPETS UNLIMITED	Cole Information

Year	Uses	Source
1996	M M M CARPETS UNLIMITED	PACIFIC BELL DIRECTORY
1995	MMM CARPETS UNLIMITED	Cole Information
1992	M M M CARPETS UNLIMITED	PACIFIC BELL DIRECTORY
	M M M CARPETS	Cole Information
1991	MMM CARPE TS UN LIMITE D	PACIFIC BELL WHITE PAGES
1986	M M M CARPE TS UN UMITE D	PACIFIC BELL WHITE PAGES
1982	M M M CARPETS UNLIMITED SAN LEANDRO	Pacific Telephone
1980	M M M CARPETS UNLIMITED	Pacific Telephone
1979	M M CARPETS UNUMIT EL CERRITO	Pacific Telephone
1975	M M M CARPETS UNLIMITED	Pacific Telephone

3084 ALVARADO ST

Year	Uses	Source
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.

3188 ALVARADO ST

Year	Uses	Source
2010	DICKS RESTAURANT & COCKTAILS	Cole Information
2000	DICKS RESTAURANT & COCKTAILS	Cole Information
1995	DICKS RESTAURANT & COCKTAILS	Cole Information
1992	DICKS REST&COCKTLS	Cole Information

FIGUEROA DR

842 FIGUEROA DR

Year	Uses	Source
2002	LEEDeborah	Haines & Company
	LEEDeborah	R. L. Polk & Co.

868 FIGUEROA DR

Year	Uses	Source
2020	COLIN DEANS	EDR Digital Archive
	JASON DOYLE	EDR Digital Archive
	BRIAN DEANS	EDR Digital Archive

FINDINGS

Year	Uses	Source
2017	BRIAN DEANS	Cole Information
2014	BRIAN DEANS	Cole Information
2010	COLIN DEANS	Cole Information
2005	COLIN DEANS	Cole Information
2002	OJOHNSON Peler	Haines & Company
	OJOHNSON Peler	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1986	Wagner John W	PACIFIC BELL WHITE PAGES
	WAGNER JOHN W	PACIFIC BELL WHITE PAGES
1980	Wagner John W	Pacific Telephone
1970	WAGNER JOHN W SAN LEANDRO	Pacific Telephone Directory
	WAGNER VICKI SAN LEANDRO	Pacific Telephone Directory
1965	WAGNER JOHN W	R. L. Polk & Co.
1962	Wagner John W	Pacific Telephone
1959	Wagner John W e	R. L. Polk & Co.

875 FIGUEROA DR

Year	Uses	Source
2020	SI JIANG	EDR Digital Archive
2017	JESS SOUZA	Cole Information
2014	JESS SOUZA	Cole Information
2010	JESS SOUZA	Cole Information
2005	CAROL BASTERRECHEA	Cole Information
2002	BASTERRECHEALULS	Haines & Company
	BASTERRECHEALULS	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1991	Basterrechea L	PACIFIC BELL WHITE PAGES
	Bastian Anne M	PACIFIC BELL WHITE PAGES
1986	Basterrechea L	PACIFIC BELL WHITE PAGES
	Bastian Ava	PACIFIC BELL WHITE PAGES
	Bastlan	PACIFIC BELL WHITE PAGES
	Bastlani	PACIFIC BELL WHITE PAGES
	Bastida Donald	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Bastidas J	PACIFIC BELL WHITE PAGES
	Bastidas M	PACIFIC BELL WHITE PAGES
	BASTERRECHEA L	PACIFIC BELL WHITE PAGES
1980	Basterrechea L	Pacific Telephone
1975	BASTERRECHEA L	Pacific Telephone
1970	BASTERRECHEA EMILY SAN LEANDRO	Pacific Telephone Directory
1965	BASTERRECHEA LOUIS V	R. L. Polk & Co.
1962	Basterrechea Emily	Pacific Telephone
1959	Basterrechea Louis e	R. L. Polk & Co.

883 FIGUEROA DR

Year	Uses	Source
2020	LAURIE MACEDA	EDR Digital Archive
	IDALINA MACEDA	EDR Digital Archive
2014	LAURIE MACEDA	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	IDALINA MACEDA	Cole Information
2002	MACEDA Waller 00 S	Haines & Company
	MACEDA Waller S	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1975	BERNARDINI BRUNO	Pacific Telephone
1970	BERNARDINI BRUNO SAN LEANDRO	Pacific Telephone Directory
1965	BERNAROINI BRUNO	R. L. Polk & Co.
1962	Bernardini Bruno	Pacific Telephone
1959	Hamilton aaud e	R. L. Polk & Co.

897 FIGUEROA DR

Year	Uses	Source
2020	FRANK DALOG	EDR Digital Archive
	FATIMA DALOG	EDR Digital Archive
	TINA DALOG	EDR Digital Archive
2017	FRANCIS DALOG	Cole Information
2010	CLARA TALBOT	Cole Information
2005	CLARA TALBOT	Cole Information

FINDINGS

Year	Uses	Source
2002	TALBOT Evelyn	Haines & Company
	TALBOT Evelyn	R. L. Polk & Co.
2000	TALBOT EVELYN	Pacific Bell
	EVELYN TALBOT	Cole Information
1996	TALBOT EVELYN	PACIFIC BELL DIRECTORY
1995	TALBOT, EVELYN	Cole Information
1992	TALBOT EVELYN	PACIFIC BELL DIRECTORY
	TALBOT, EVELYN	Cole Information
1991	Talbot Evelyn	PACIFIC BELL WHITE PAGES
1986	Talbot Louis H	PACIFIC BELL WHITE PAGES
	TALBOT LOUIS H	PACIFIC BELL WHITE PAGES
1980	Talbot Louis H	Pacific Telephone
1970	TALBOT LOUIS H SAN LEANDRO	Pacific Telephone Directory
1965	TALBOT LOUIS H	R. L. Polk & Co.
1962	Talbot Louis H	Pacific Telephone
1959	Talbot Louis H e	R. L. Polk & Co.

901 FIGUEROA DR

Year	Uses	Source
2020	JEREMY FOSS	EDR Digital Archive
	RANDY FOSS	EDR Digital Archive
	FREDELLA FOSS	EDR Digital Archive
	AMANDA FOSS	EDR Digital Archive
2017	RANDY FOSS	Cole Information
2014	RANDY FOSS	Cole Information
2010	RANDY FOSS	Cole Information
2005	RANDY FOSS	Cole Information
2002	SCHNEISER Era	Haines & Company
	SCHNEISER Era	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	SCHNEIDER ANTONE	PACIFIC BELL DIRECTORY
	SCHNEIDER, ANTONE	Cole Information

FINDINGS

Year	Uses	Source
1991	Schneider Antone	PACIFIC BELL WHITE PAGES
	Schneider Arnold M	PACIFIC BELL WHITE PAGES
1986	Schneider Antone	PACIFIC BELL WHITE PAGES
	SCHNEIDER ANTONE	PACIFIC BELL WHITE PAGES
1980	Schneider Antone	Pacific Telephone
1970	SCHNEIDER ANTONE SAN LEANDRO	Pacific Telephone Directory
1965	SCHNEIDER ANTONE M	R. L. Polk & Co.
1962	Patton Stew art R	Pacific Telephone
1959	Patton Stuart e	R. L. Polk & Co.

923 FIGUEROA DR

Year	Uses	Source
2020	CYNTHIA TA	EDR Digital Archive
2017	MINH SU	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	BENNY DUONG	Cole Information
2005	KEVIN HUYNH	Cole Information
2002	HUYNH Kevan	Haines & Company
	HUYNH Kevan	R. L. Polk & Co.
2000	KEVIN HUYNH	Cole Information
1995	HUYNH, KEVIN B	Cole Information
1965	NO RETURN	R. L. Polk & Co.
1962	Mitchell Earl Jr	Pacific Telephone
1959	Mitchell Earl e	R. L. Polk & Co.

927 FIGUEROA DR

Year	Uses	Source
2017	IRMGARD MOHR	Cole Information
2014	IRMGARD MOHR	Cole Information
2010	IRMGARD MOHR	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	MOHR, WALTER	Cole Information

FINDINGS

Year	Uses	Source
1986	Mohr W	PACIFIC BELL WHITE PAGES
1970	GREEN PAUL L SAN LEANDRO	Pacific Telephone Directory
1965	GREEN PAUL L	R. L. Polk & Co.
1962	Hanson Francis	Pacific Telephone
1959	Hanson Francis	R. L. Polk & Co.
	AELI 8105	R. L. Polk & Co.

930 FIGUEROA DR

Year	Uses	Source
2020	DANIEL AQUINO	EDR Digital Archive
	CAROLYN AQUINO	EDR Digital Archive
2014	DANIEL AQUINO	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
1995	AQUINO, JOSEPH P	Cole Information
1965	AGUINO JOSEPH P	R. L. Polk & Co.
1962	Hess Jack S	Pacific Telephone
1959	Hiess Jack e	R. L. Polk & Co.

935 FIGUEROA DR

Year	Uses	Source
2020	JESUS RODRIGUEZ	EDR Digital Archive
	KWONG YEUNG	EDR Digital Archive
	YINI CHEN	EDR Digital Archive
2017	JESUS RODRIGUEZ	Cole Information
2014	JESUS RODRIGUEZ	Cole Information
2010	JESUS RODRIGUEZ	Cole Information
2005	ELIA HERNANDEZ	Cole Information
2002	HERNANDE	Haines & Company
	RODRIGUEZJesus	Haines & Company
	HERNANDE	R. L. Polk & Co.
	RODRIGUEZJesus	R. L. Polk & Co.
2000	DESI CUSI	Cole Information
1995	MENDOZA, PHILIP S	Cole Information
1980	Ensminger Richard	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	ENSMINGER RICHARD E SAN LEANDRO	Pacific Telephone Directory
1965	ENSMINGER RICHD E	R. L. Polk & Co.
1962	Ensminger Richard E	Pacific Telephone
1959	Emsinger Richd e	R. L. Polk & Co.

938 FIGUEROA DR

Year	Uses	Source
2020	ADAM NARDINE	EDR Digital Archive
	LESLIE NARDINE	EDR Digital Archive
	DANA NARDINE	EDR Digital Archive
	GLENDA NARDINE	EDR Digital Archive
2017	LESLIE NARDINE	Cole Information
2014	LESLIE NARDINE	Cole Information
2010	LESLIE NARDINE	Cole Information
2005	LESLIE NARDINE	Cole Information
2002	F NARDt	Haines & Company
	NARDt	R. L. Polk & Co.
2000	NARDINE LES	Pacific Bell
	LES NARDINE	Cole Information
1996	NARDINE LES	PACIFIC BELL DIRECTORY
1995	NARDINE, LES	Cole Information
1992	NARDINE LES	PACIFIC BELL DIRECTORY
	NARDINE, LES	Cole Information
1991	Nardine Les	PACIFIC BELL WHITE PAGES
1986	NARDINE LES	PACIFIC BELL WHITE PAGES
	Nardine Les	PACIFIC BELL WHITE PAGES
	Nardini Charles P	PACIFIC BELL WHITE PAGES
1980	Nardine Les	Pacific Telephone
1970	SLETTEVOLD CHAS A SAN LEANDRO	Pacific Telephone Directory
1965	SLETTEVOLD CHARLES A	R. L. Polk & Co.
1962	Slettevold Chas A	Pacific Telephone
1959	Slettevold Chas e	R. L. Polk & Co.

FINDINGS

939 FIGUEROA DR

Year	Uses	Source
2020	GARY LIANG	EDR Digital Archive
	YONG LIANG	EDR Digital Archive
	JIE-MIN LIANG	EDR Digital Archive
2017	JIE LIANG	Cole Information
2014	EDWARD ADAMS	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2002	ADAMS Edward J	Haines & Company
	ADAMS Edward J	R. L. Polk & Co.
2000	ADAMS EDWARD J	Pacific Bell
	JACK ADAMS	Cole Information
1995	ADAMS, JACK	Cole Information
1965	ADAMS JACK	R. L. Polk & Co.
1959	Adams Jack	R. L. Polk & Co.

942 FIGUEROA DR

Year	Uses	Source
2020	ADRIANA IGLESIAS	EDR Digital Archive
2017	MARCENE NARDINE	Cole Information
2014	MARCENE NARDINE	Cole Information
2010	MARCENE NARDINE	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	DEBORAH LEE	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1991	Phillips Eugene	PACIFIC BELL WHITE PAGES
1986	PHILLIPS EUGENE	PACIFIC BELL WHITE PAGES
	Phillips Eugene	PACIFIC BELL WHITE PAGES
1980	Phillips Eugene	Pacific Telephone
1975	PHILLIPS EUGENE	Pacific Telephone
1970	PHILLIPS EUGENE SAN LEANDRO	Pacific Telephone Directory
1965	PHILIPS EUG	R. L. Polk & Co.
1962	Phillips Eugene	Pacific Telephone

Year	Uses	Source
1959	Phillips Eug e	R. L. Polk & Co.

943 FIGUEROA DR

Year	Uses	Source
2020	CARLOS RANGEL	EDR Digital Archive
	ERIKA MORALES	EDR Digital Archive
	MARIANA MORALES	EDR Digital Archive
2017	CARLOS RANGEL	Cole Information
2014	CARLOS RANGEL	Cole Information
2010	CARLOS RANGEL	Cole Information
2005	CARLOS RANGEL	Cole Information
2002	GUERINOPrema Mrs	Haines & Company
	SAAD Phyllrs	Haines & Company
	GUERINOPrema Mrs	R. L. Polk & Co.
	SAAD Phyllrs	R. L. Polk & Co.
2000	GUERINO PREMO MRS	Pacific Bell
	PREMO GUERINO	Cole Information
1996	GUERINO PREMO MRS	PACIFIC BELL DIRECTORY
1995	GUERINO, PREMO	Cole Information
1992	GUERINO PREMO MRS	PACIFIC BELL DIRECTORY
	GUERINO, PREMO	Cole Information
1991	Guerino Premo Mrs	PACIFIC BELL WHITE PAGES
	Guernsey B	PACIFIC BELL WHITE PAGES
	Guernsey i T	PACIFIC BELL WHITE PAGES
1986	GUERINO PREMO MRS	PACIFIC BELL WHITE PAGES
	Guerino Premo Mrs	PACIFIC BELL WHITE PAGES
	Guernsey B	PACIFIC BELL WHITE PAGES
1980	Guerino Premo Mrs	Pacific Telephone
1975	GUERINO PREMO MRS	Pacific Telephone
1970	GUERINO PREMO MRS SAN LEANDRO	Pacific Telephone Directory
1965	GUERINO PRIMO	R. L. Polk & Co.
1962	Guerino Premo Mrs	Pacific Telephone
1959	Guernio Premo e	R. L. Polk & Co.

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951 FIGUEROA DR

Year	Uses	Source
2020	XIAO QIN	EDR Digital Archive
	RUIXIANG QIN	EDR Digital Archive
	JOHN ESTRADA	EDR Digital Archive
2017	COLETTE MCCOLE	Cole Information
2014	SHANNTEE SIMPTON	Cole Information
2010	JOHN ESTRADA	Cole Information
2005	JOHN ESTRADA	Cole Information
2002	ESTRADAJohn C	Haines & Company
	HESSRulh	Haines & Company
	ESTRADAJohn C	R. L. Polk & Co.
	HESSRulh	R. L. Polk & Co.
2000	ESTRADA JOHN J	Pacific Bell
	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	HESS RUTH	PACIFIC BELL DIRECTORY
	HESS RUTH	PACIFIC BELL DIRECTORY
	HESS, RUTH	Cole Information
1965	HESS GEO J	R. L. Polk & Co.
1962	Hess Geo	Pacific Telephone
1959	Hess Geo J e	R. L. Polk & Co.

956 FIGUEROA DR

Year	Uses	Source
2020	RICHARD LUU	EDR Digital Archive
	PETER LUU	EDR Digital Archive
	JIMMY LUU	EDR Digital Archive
	TA LUU	EDR Digital Archive
2017	PETER LUU	Cole Information
2014	JIMMY LUU	Cole Information
2010	KIMBERLY TRAN	Cole Information
2005	HENRY OTTO	Cole Information
2002	OTTOHlnry	Haines & Company

FINDINGS

Year	Uses	Source
2002	OTTOHlnry	R. L. Polk & Co.
2000	HENRY OTTO	Cole Information
1995	OTTO, HENRY A	Cole Information
1965	OTTO HENRY A	R. L. Polk & Co.
1959	Otto Henry A e	R. L. Polk & Co.

957 FIGUEROA DR

Year	Uses	Source
2020	EDMUND WONG	EDR Digital Archive
	KATHY WONG	EDR Digital Archive
	NORMAN WONG	EDR Digital Archive
2017	EDMUND WONG	Cole Information
2014	EDMUND WONG	Cole Information
2010	NORMAN WONG	Cole Information
2005	NORMAN WONG	Cole Information
2002	WONG Norman	Haines & Company
	WONG Norman	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1996	WONG NORMAN Y	PACIFIC BELL DIRECTORY
1995	WONG, NORMAN Y	Cole Information
1992	WONG NORMAN Y	PACIFIC BELL DIRECTORY
	WONG, NORMAN Y	Cole Information
1991	Waong Norman Y	PACIFIC BELL WHITE PAGES
	W ong P	PACIFIC BELL WHITE PAGES
	W ang P	PACIFIC BELL WHITE PAGES
	Wong P	PACIFIC BELL WHITE PAGES
	Wong P	PACIFIC BELL WHITE PAGES
1986	WONG NORMAN Y	PACIFIC BELL WHITE PAGES
	i Wang Norman Y	PACIFIC BELL WHITE PAGES
1965	COLE CARROLL	R. L. Polk & Co.
1962	Canham Raymond W	Pacific Telephone
1959	Canham Raymond e	R. L. Polk & Co.

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964 FIGUEROA DR

Year	Uses	Source
2020	ZHANHONG OUYANG	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2010	DAVID FLORY	Cole Information
2005	DAVID FLORY	Cole Information
2002	FLORY Jerry 00 S	Haines & Company
	FLORY Jerry S	R. L. Polk & Co.
2000	JERRY FLORY	Cole Information
1996	FLORY J E	PACIFIC BELL DIRECTORY
1995	FLORY, JERRY	Cole Information
1992	FLORY J E	PACIFIC BELL DIRECTORY
	FLORY, JERRY	Cole Information
1991	Flory J E	PACIFIC BELL WHITE PAGES
1986	Flory J E	PACIFIC BELL WHITE PAGES
	Flory Jason	PACIFIC BELL WHITE PAGES
	FLORY J E	PACIFIC BELL WHITE PAGES
1980	Flory J E	Pacific Telephone
1970	FLORY J E SAN LEANDRO	Pacific Telephone Directory
1965	FLORY JERRY E	R. L. Polk & Co.
1962	Flory J E	Pacific Telephone
1959	lory Jerry e	R. L. Polk & Co.

965 FIGUEROA DR

Year	Uses	Source
2020	GUY MIRISCIOTTA	EDR Digital Archive
	MICHAEL MIRISCIOTTA	EDR Digital Archive
2017	GUY MIRISCIOTTA	Cole Information
2014	GUY MIRISCIOTTA	Cole Information
2010	GUY MIRISCIOTTA	Cole Information
2002	MIRISCIOT	Haines & Company
	MIRISCIOTTA Sam	R. L. Polk & Co.
2000	MIRISCIOTTA SAM	Pacific Bell
	SAM MIRISCIOTTA	Cole Information

FINDINGS

Year	Uses	Source
1996	MIRISCIOTTA SAM	PACIFIC BELL DIRECTORY
1995	MIRISCIOTTA, SAM	Cole Information
1992	MIRISCIOTTA SAM	PACIFIC BELL DIRECTORY
	MIRISCIOTTA, SAM	Cole Information
1991	Mirisciotta Sam	PACIFIC BELL WHITE PAGES
	Mirise Kevin	PACIFIC BELL WHITE PAGES
	From East Bay Telephones Call	PACIFIC BELL WHITE PAGES
	Mirizzi E MM	PACIFIC BELL WHITE PAGES
	Mirizzi V	PACIFIC BELL WHITE PAGES
1986	Mirisciotta Sam	PACIFIC BELL WHITE PAGES
	Mirizzi E M	PACIFIC BELL WHITE PAGES
	Mirizzi V	PACIFIC BELL WHITE PAGES
	MIRISCLOTTA SAM	PACIFIC BELL WHITE PAGES
1980	Mirisciotta Sam	Pacific Telephone
1965	MIRISCIOTTA SAML J	R. L. Polk & Co.
1962	Mirisciotta Sam	Pacific Telephone
1959	Puckett James D e	R. L. Polk & Co.

966 FIGUEROA DR

Year	Uses	Source
2020	YOLANDA TORRESBORRERO	EDR Digital Archive
2017	FRANCISCO TORRES	Cole Information
2014	RUFINO TORRES	Cole Information
2010	FRANCISCO TORRES	Cole Information
2005	FRANCISCO TORRES	Cole Information
2002	TORRES Francisco	Haines & Company
	TORRES Francisco	R. L. Polk & Co.
1995	TORRES, F	Cole Information
1965	SILVA GENE W	R. L. Polk & Co.
1962	Boltw ood Chester M	Pacific Telephone
	Boltw ood Joan M Mrs	Pacific Telephone
1959	Freeman Walter C e	R. L. Polk & Co.

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969 FIGUEROA DR

Year	Uses	Source
2020	MARIA NAVA	EDR Digital Archive
	ELISABETH NAVA	EDR Digital Archive
	MARIA GUADALUPE	EDR Digital Archive
	ISIDRO NAVA	EDR Digital Archive
	NOEL NAVA	EDR Digital Archive
2017	MARIA GUADALUPE	Cole Information
2014	JOSE GARCIA	Cole Information
2010	MARIA GUADALUPE	Cole Information
2005	ISIDRO NAVA	Cole Information
2002	FERREIRA Elezabelh	Haines & Company
	FERREIRA Elezabelh	R. L. Polk & Co.
1995	FERREIRA, FRANK H	Cole Information
1991	Ferreira Lois	PACIFIC BELL WHITE PAGES
	Ferreira MB	PACIFIC BELL WHITE PAGES
	Ferreira Manuel	PACIFIC BELL WHITE PAGES
1986	Ferreira Lois	PACIFIC BELL WHITE PAGES
	Ferreira M	PACIFIC BELL WHITE PAGES
	Ferreira Manuel	PACIFIC BELL WHITE PAGES
	FERREIRA LOIS	PACIFIC BELL WHITE PAGES
1970	FERREIRA DAVID SAN LEANDRO	Pacific Telephone Directory
1965	FERREIRA DAVE A	R. L. Polk & Co.
1962	Ferreira David	Pacific Telephone
1959	Ferreira Dave	R. L. Polk & Co.
	AELI 4822	R. L. Polk & Co.

970 FIGUEROA DR

Year	Uses	Source
2020	WEIJIE WU	EDR Digital Archive
2017	HERBERT BERG	Cole Information
2014	NICK TIN	Cole Information
2010	JAMES BERG	Cole Information
2005	CREATIVEJO	Cole Information

FINDINGS

Year	Uses	Source
2002	BERGHerbert C	Haines & Company
	BERGHerbert C	R. L. Polk & Co.
2000	BERG HERBERT C	Pacific Bell
	HERBERT BERG	Cole Information
1996	BERG HERBERT C	PACIFIC BELL DIRECTORY
1995	BERG, HERBERT C	Cole Information
1992	BERG HERBERT C	PACIFIC BELL DIRECTORY
	BERG, HERBERT C	Cole Information
1986	Berg Herbert C	PACIFIC BELL WHITE PAGES
	BERG HERBERT C	PACIFIC BELL WHITE PAGES
1980	Berg Herbert C	Pacific Telephone
1975	BERG HERBERT C	Pacific Telephone
1970	BERG HERBERT C SAN LEANDRO	Pacific Telephone Directory
1965	BERG HERBERT C	R. L. Polk & Co.
1962	Berg Herbert C	Pacific Telephone
1959	Berg Herbert e	R. L. Polk & Co.

973 FIGUEROA DR

Year	Uses	Source
2020	KEITH WHITE	EDR Digital Archive
2017	KEITH WHITE	Cole Information
2014	KEITH WHITE	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2002	SWITZERJosephine	Haines & Company
	SWITZERJosephine	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1995	SWITZER, J H	Cole Information
1965	SWITZER MELVIN H	R. L. Polk & Co.
1962	Switzer Melvin H	Pacific Telephone
1959	Switzer Melvin H e	R. L. Polk & Co.

977 FIGUEROA DR

Year	Uses	Source
2020	KELLY LANZA	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	DYLAN LANZA	EDR Digital Archive
	ZACKARY LANZA	EDR Digital Archive
	JOSEPH LANZA	EDR Digital Archive
2017	JOSEPH LANZA	Cole Information
2014	JOSEPH LANZA	Cole Information
2010	JOSEPH LANZA	Cole Information
2005	JOSEPH LANZA	Cole Information
2002	LANZAJoseph	Haines & Company
	LANZAJoseph	R. L. Polk & Co.
2000	JOSEPH LANZA	Cole Information
1995	LANZA, JOSEPH H	Cole Information
1986	MORGAN EVERETT W	PACIFIC BELL WHITE PAGES
	Morgan Everett W	PACIFIC BELL WHITE PAGES
1980	Hochstetter T	Pacific Telephone
1970	HOCHSTETTER T SAN LEANDRO	Pacific Telephone Directory
1965	HOCHSTETTER THEO R	R. L. Polk & Co.
1962	Hochstetter T	Pacific Telephone
1959	Hockstetter Ted R	R. L. Polk & Co.

978 FIGUEROA DR

Year	Uses	Source
2020	ROGER CHONG	EDR Digital Archive
	KWOK CHONG	EDR Digital Archive
	KATHRYN CHONG	EDR Digital Archive
	STEPHANIE CHONG	EDR Digital Archive
	GILBERT CHONG	EDR Digital Archive
	JOHN CHONG	EDR Digital Archive
	MABEL CHONG	EDR Digital Archive
2014	KWOK CHONG	Cole Information
2010	ROGER CHONG	Cole Information
2005	ANTHONY FREITAS	Cole Information
2002	FREITASAnthony	Haines & Company
	FREITASAnthony	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2000	ANTHONY FREITAS	Cole Information
1995	FREITAS, ANTHONY J	Cole Information
1992	STEMPIEN RICHARD	PACIFIC BELL DIRECTORY
	STEMPIEN, RICHARD	Cole Information
1991	Stempien Richard	PACIFIC BELL WHITE PAGES
	Stempler Lake G & S	PACIFIC BELL WHITE PAGES
1986	Stempien Richard	PACIFIC BELL WHITE PAGES
	STEMPLEN RICHARD	PACIFIC BELL WHITE PAGES
1980	Stempien Richard	Pacific Telephone
1970	STEMPIEN RICHARD SAN LEANDRO	Pacific Telephone Directory
1965	STEMPIEN RICHD H	R. L. Polk & Co.
1962	Estreito Carl Mrs	Pacific Telephone
1959	Estreito Carl e	R. L. Polk & Co.

981 FIGUEROA DR

Year	Uses	Source
2020	TADEO DITICO	EDR Digital Archive
	BLESILDA DITICO	EDR Digital Archive
2017	TADEO DITICO	Cole Information
2014	TADEO DITICO	Cole Information
2010	TADEO DITICO	Cole Information
2005	NGOC NGUYEN	Cole Information
2002	NGUYEN Ngoc	Haines & Company
	NGUYEN Ngoc	R. L. Polk & Co.
2000	CHAU NGUYEN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1986	NGUYEN COI V	PACIFIC BELL WHITE PAGES
	Nguyen Coi V	PACIFIC BELL WHITE PAGES
1980	Bradley Ernest	Pacific Telephone
1970	DOLIN RICHARD SAN LEANDRO	Pacific Telephone Directory
1965	PELL HENRY C	R. L. Polk & Co.
1962	Turner Illdah L	Pacific Telephone
1959	Meyers A Norma e	R. L. Polk & Co.

FINDINGS

984 FIGUEROA DR

Year	Uses	Source
2000	OCCUPANT UNKNOWN	Cole Information

999 FIGUEROA DR

Year	Uses	Source
2020	SHOP MON CHERIE LLC	EDR Digital Archive
	VIET PHAM	EDR Digital Archive
	LANG PHAM	EDR Digital Archive
2017	VIET PHAM	Cole Information
2014	JAIME LUIZ	Cole Information
2010	MARIA LUIZ	Cole Information
2005	MARIA LUIZ	Cole Information
2002	LUI ZJaume	Haines & Company
	LUI ZJaume	R. L. Polk & Co.
2000	JAIME LUIZ	Cole Information
1995	LUIZ, JAIME I	Cole Information
1975	LUIS JAIME I	Pacific Telephone
1970	LUIS JAIME I SAN LEANDRO	Pacific Telephone Directory
1965	LUIS GANES	R. L. Polk & Co.
1962	Trieselmann Berdine R Mrs	Pacific Telephone
1959	Baker Ottie D e	R. L. Polk & Co.

3401 FIGUEROA DR

Year	Uses	Source
2020	EDGAR MALDONADO	EDR Digital Archive
	MARIA MALDONADO	EDR Digital Archive
	OMAR VILLA	EDR Digital Archive
2017	OMAR VILLA	Cole Information
2014	MARIA MALDONADO	Cole Information
2010	MARIA MALDONADO	Cole Information
2005	PAUL RASMUSSEN	Cole Information
2000	PAUL RASMUSSEN	Cole Information

FINDINGS

3409 FIGUEROA DR

Year	Uses	Source
2020	JOAN CUARESMA	EDR Digital Archive
	JOSE DAGUNA	EDR Digital Archive
	KATHERINE DAGUNA	EDR Digital Archive
2017	JOSE DAGUNA	Cole Information
2014	JOSE DAGUNA	Cole Information
2010	C BARR	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	DEANNA WIEGEL	Cole Information

3423 FIGUEROA DR

Year	Uses	Source
2020	BILL TA	EDR Digital Archive
	MUI HO	EDR Digital Archive
2017	BILL TA	Cole Information
2014	BILL TA	Cole Information
2010	BILL TA	Cole Information
2005	BILL TA	Cole Information
2000	BILL TA	Cole Information

3435 FIGUEROA DR

Year	Uses	Source
2020	SCOTT RIFFEL	EDR Digital Archive
	REBECCA RIFFEL	EDR Digital Archive
2017	PATRICK CONROY	Cole Information
2014	PATRICK CONROY	Cole Information
2000	PATRICK CONROY	Cole Information

3441 FIGUEROA DR

Year	Uses	Source
2020	LOLA GONZALES	EDR Digital Archive
	NAZARIA HERNANDEZ	EDR Digital Archive
	ERIKA HERNANDEZ	EDR Digital Archive
	BENITO HERNANDEZ	EDR Digital Archive

Year	Uses	Source
2017	COURTNEY GONZALES	Cole Information
2014	SUNRAY SALSKY	Cole Information
2005	E GONZALES	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1992	GONZALES, JOE V	Cole Information

MONTEREY BLVD

3405 MONTEREY BLVD

Year	Uses	Source
2020	RUTH GONZALEZ	EDR Digital Archive
2017	DAVID GONZALEZ	Cole Information
2014	DAVID GONZALEZ	Cole Information
2005	EAST BAY ROLL OFF TRUCKING	Cole Information
	DAVID GONZALEZ	Cole Information
2002	EASTBAY ROLLOFF	Haines & Company
	TRUCKING CO	Haines & Company
	GONZALEZDavrd	Haines & Company
	EASTBAY ROLLOFF	R. L. Polk & Co.
	TRUCKING CO	R. L. Polk & Co.
	GONZALEZDavrd	R. L. Polk & Co.
2000	EAST BAY ROLL OFF TRUCKING CO	Pacific Bell
	GONZALEZ D	Pacific Bell
	EAST BAY ROLL OFF TRUCKING COMPANY	Cole Information
	DAVID GONZALEZ	Cole Information
1996	EAST BAY ROLL-OFF TRUCKING CO	PACIFIC BELL DIRECTORY
	GONZALEZ D	PACIFIC BELL DIRECTORY
1995	EAST BAY ROLL OFF TRUCKING CO	Cole Information
	GONZALEZ, DAVID	Cole Information
1992	EAST BAY ROLL-OFF TRUCKING CO	PACIFIC BELL DIRECTORY
	GONZALEZ D	PACIFIC BELL DIRECTORY
	EAST BAY TRUCKING	Cole Information
	GONZALEZ, DAVID	Cole Information

FINDINGS

Year	Uses	Source
1986	Gonzalez D	PACIFIC BELL WHITE PAGES
	GONZALEZ	PACIFIC BELL WHITE PAGES
1980	Gonzalez D	Pacific Telephone
1965	EUSTACHY MARVIN F	R. L. Polk & Co.
1962	Eustachy Marin F	Pacific Telephone
1959	Eustachy Marin F e	R. L. Polk & Co.

3416 MONTEREY BLVD

Year	Uses	Source
2020	BRIAN SALSKY	EDR Digital Archive
	MARGARITA SALSKY	EDR Digital Archive
2017	SUNRAY SALSKY	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	SUNRAY SALSKY	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2002	GONZALESLola	Haines & Company
	GONZALESLola	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	KUAN CHANG F M	PACIFIC BELL DIRECTORY
	KUAN, CHANG F	Cole Information
1980	De Koster Chas R	Pacific Telephone
1965	SUTTER ROBT C	R. L. Polk & Co.
1962	Sutter Robt C	Pacific Telephone
1959	Sutter Robt le	R. L. Polk & Co.

3421 MONTEREY BLVD

Year	Uses	Source
2020	LORENA RODRIGUEZ	EDR Digital Archive
	HERMINIO SERRANO	EDR Digital Archive
	HERMINIO RODRIGUEZ	EDR Digital Archive
	SOPHIA LEE	EDR Digital Archive
2014	ALEJANDRINA CONTRERAS	Cole Information
2010	LORENA MOLINA	Cole Information

FINDINGS

Year	Uses	Source
2005	OCCUPANT UNKNOWN	Cole Information
2002	RODRIGUEZHenmIno	Haines & Company
	RODRIGUEZHenmIno	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1995	JARECKI, NEAL W	Cole Information
1991	Jarecki Neal & Healther	PACIFIC BELL WHITE PAGES
1980	Doyle P A	Pacific Telephone
1965	DOYLE WM J	R. L. Polk & Co.
1962	Mondot Phyllis A	Pacific Telephone
1959	OBrien John A e	R. L. Polk & Co.

3428 MONTEREY BLVD

Year	Uses	Source
2020	IRMA PASILLAS	EDR Digital Archive
	LAURA PASILLAS	EDR Digital Archive
	JOHN MARTINEZ	EDR Digital Archive
	ADAM PASILLAS	EDR Digital Archive
	MELINA PASILLAS	EDR Digital Archive
	JEFFREY PASILLAS	EDR Digital Archive
	ALEXANDER PASILLAS	EDR Digital Archive
2017	ADAM PASILLAS	Cole Information
2014	ADAM PASILLAS	Cole Information
2010	ALEXANDER PASILLAS	Cole Information
2005	ALEXANDER PASILLAS	Cole Information
2002	PASILLASAlex	Haines & Company
	PASILLASAlexander	R. L. Polk & Co.
2000	PASILLAS ALEXANDER	Pacific Bell
	A PASILLAS	Cole Information
1995	PASILLAS, ALEX	Cole Information
1965	BEAN JOSEPH L	R. L. Polk & Co.
1962	Bean Jos L	Pacific Telephone
1959	Bean Jos L	R. L. Polk & Co.
	AELI 5072	R. L. Polk & Co.

FINDINGS

3439 MONTEREY BLVD

Year	Uses	Source
2020	JOSEPH ARAGON	EDR Digital Archive
	FARES ARAGON	EDR Digital Archive
2017	FARES ARAGON	Cole Information
2014	FARES ARAGON	Cole Information
2010	JOSEPH ARAGON	Cole Information
2002	ARAGON	Haines & Company
	ARAGON Fares	R. L. Polk & Co.
2000	ARAGON FARES	Pacific Bell
	FARES ARAGON	Cole Information
1996	ARAGON FARES	PACIFIC BELL DIRECTORY
1995	ARAGON, FARES E	Cole Information
1992	ARAGON FARES	PACIFIC BELL DIRECTORY
1991	Aragon Fares	PACIFIC BELL WHITE PAGES
1986	Aragon Fares	PACIFIC BELL WHITE PAGES
	Aragon J	PACIFIC BELL WHITE PAGES
	ARAGON FARES	PACIFIC BELL WHITE PAGES
1980	Aragon Fares	Pacific Telephone
1965	ARAGON FARES E	R. L. Polk & Co.
1962	Aragon Fares	Pacific Telephone
1959	Aragon Fares E e	R. L. Polk & Co.

MONTEREY CIR

3405 MONTEREY CIR

Year	Uses	Source
1991	Gonzalez D	PACIFIC BELL WHITE PAGES
	Gonzalez D R	PACIFIC BELL WHITE PAGES

3416 MONTEREY CIR

Year	Uses	Source
1991	Kuan Chang FM	PACIFIC BELL WHITE PAGES
1975	DE KOSTER CHAS R	Pacific Telephone

FINDINGS

3421 MONTEREY CIR

Year	Uses	Source
1975	AARONS CATERING OF SAN LEANDRO	Pacific Telephone

3439 MONTEREY CIR

Year	Uses	Source
1975	ARAGON FARES	Pacific Telephone

MONTEREY DR

3416 MONTEREY DR

Year	Uses	Source
1986	De Koster Chas R	PACIFIC BELL WHITE PAGES
	De Koven E	PACIFIC BELL WHITE PAGES
	De Kozan S	PACIFIC BELL WHITE PAGES

PORTOLA DR

934 PORTOLA DR

Year	Uses	Source
2020	SOCORRO DURAN	EDR Digital Archive
	ANTHONY RODRIGUES	EDR Digital Archive
	VICTOR DURAN	EDR Digital Archive
2017	VICTOR DURAN	Cole Information
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2002	MOORE Donald 00 I	Haines & Company
	MOORE Donald I	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1996	MOORE DON	PACIFIC BELL DIRECTORY
1995	OCCUPANT UNKNOWNN	Cole Information
1992	MOORE DON	PACIFIC BELL DIRECTORY
	MOORE, DON	Cole Information
1991	Moore Don	PACIFIC BELL WHITE PAGES
1986	Moore Floyd	PACIFIC BELL WHITE PAGES
	MOORE FLOYD	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1980	Moore Floyd	Pacific Telephone
1970	MOORE FLOYD SAN LEANDRO	Pacific Telephone Directory
1965	MOORE FLOYD	R. L. Polk & Co.
1962	Moore Floyd	Pacific Telephone

937 PORTOLA DR

Year	Uses	Source
2020	BRENDA KLINGER	EDR Digital Archive
2017	ROGER KLINGER	Cole Information
2014	ROGER KLINGER	Cole Information
2010	EVA AUGUST	Cole Information
2002	AUGUSTAlfred	Haines & Company
	AUGUST Eva	Haines & Company
	AUGUSTAlfred	R. L. Polk & Co.
	AUGUST Eva	R. L. Polk & Co.
2000	AUGUST ALFRED	Pacific Bell
	ALFRED AUGUST	Cole Information
1996	AUGUST ALFRED	PACIFIC BELL DIRECTORY
1992	AUGUST ALFRED	PACIFIC BELL DIRECTORY
	AUGUST, ALFRED	Cole Information
1991	August Alfred	PACIFIC BELL WHITE PAGES
	August Becky	PACIFIC BELL WHITE PAGES
	I August Ben	PACIFIC BELL WHITE PAGES
	August Ben	PACIFIC BELL WHITE PAGES
1986	August Alfred	PACIFIC BELL WHITE PAGES
	August Becky	PACIFIC BELL WHITE PAGES
	AUGUST ALFRED	PACIFIC BELL WHITE PAGES
1980	August Alfred	Pacific Telephone
1975	AUGUST ALFRED	Pacific Telephone
1970	AUGUST ALFRED SAN LEANDRO	Pacific Telephone Directory
1965	AUGUST ALF	R. L. Polk & Co.
1962	August Alfred	Pacific Telephone
1959	August All R	R. L. Polk & Co.

FINDINGS

945 PORTOLA DR

Year	Uses	Source
2020	WALTER DANIELSEN	EDR Digital Archive
	PATRICK DANIELSEN	EDR Digital Archive
	GABRIELLA DANIELSEN	EDR Digital Archive
2017	PATRICK DANIELSRN	Cole Information
2014	WALTER DANIELSEN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	ROY DANIELSEN	Cole Information
2002	OANIELSEN Roy P	Haines & Company
	OANIELSEN Roy P	R. L. Polk & Co.
2000	DANIELSEN ROY P	Pacific Bell
	ROY DANIELSEN	Cole Information
1996	DANIELSEN ROY P	PACIFIC BELL DIRECTORY
1995	DANIELSEN, ROY P	Cole Information
1992	DANIELSEN ROY P	PACIFIC BELL DIRECTORY
	DANIELSEN, ROY P	Cole Information
1991	Danielsen Roy P	PACIFIC BELL WHITE PAGES
1986	DANIELSEN ROY P	PACIFIC BELL WHITE PAGES
	Danielsen Roy P	PACIFIC BELL WHITE PAGES
1980	Danielsen Roy P	Pacific Telephone
1975	DANIELSEN ROY P	Pacific Telephone
1970	DANIELSEN ROY P SAN LEANDRO	Pacific Telephone Directory
1965	DANIELSEN ROY P	R. L. Polk & Co.
1962	Danielsen Roy P	Pacific Telephone
1959	Danielsen Hay e	R. L. Polk & Co.

946 PORTOLA DR

Year	Uses	Source
2020	ARCHIE SEXTON	EDR Digital Archive
	ROBIN MOYLE	EDR Digital Archive
2017	RONALD MOYLE	Cole Information
2014	RONALD MOYLE	Cole Information
2010	ROBIN MOYLE	Cole Information

FINDINGS

Year	Uses	Source
2002	RICKARDHilda 00 I	Haines & Company
	RICKARDHilda I	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1995	RICKARD, HILDA L	Cole Information
1980	Jones Judy	Pacific Telephone
1975	LIMBERTOS ALFRED	Pacific Telephone
1970	LIMBERTOS ALFRED SAN LEANDRO	Pacific Telephone Directory
	LIMBERTOS SYLVIA SAN LEANDRO	Pacific Telephone Directory
1965	LIMBERTOS ALF	R. L. Polk & Co.
1962	Bond Robt E Mrs	Pacific Telephone
1959	Bond Anna M Mrs	R. L. Polk & Co.

949 PORTOLA DR

Year	Uses	Source
2020	THERESA LEUNG	EDR Digital Archive
	FRANK LEUNG	EDR Digital Archive
	WESLEY LEUNG	EDR Digital Archive
	LOUIS LEUNG	EDR Digital Archive
	JAMES LEUNG	EDR Digital Archive
2017	FRANK LEUNG	Cole Information
2014	JAMES LEUNG	Cole Information
2010	FRANK LEUNG	Cole Information
2005	LOUIS LEUNG	Cole Information
2002	LE 0 NG Frank	Haines & Company
	LE 0 NG Frank	R. L. Polk & Co.
2000	LEUNG LOUIS	Pacific Bell
	LOUIS LEUNG	Cole Information
1996	LEUNG LOUIS	PACIFIC BELL DIRECTORY
1995	LEUNG, LOUIS	Cole Information
1992	LEUNG LOUIS	PACIFIC BELL DIRECTORY
	LEUNG, LOUIS	Cole Information
1991	Leung Louis	PACIFIC BELL WHITE PAGES
	Leung M	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	Leung Louis	PACIFIC BELL WHITE PAGES
	LEUNG LOUIS	PACIFIC BELL WHITE PAGES
1980	Leung Louis	Pacific Telephone
1965	KELLY JOHN P	R. L. Polk & Co.
1962	Kelly John	Pacific Telephone
1959	Kelley John	R. L. Polk & Co.

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Year	Uses	Source
2020	TUAN VO	EDR Digital Archive
	CONG PHAM	EDR Digital Archive
	CYNTHIA PHAM	EDR Digital Archive
2017	CONG PHAM	Cole Information
2014	NGAI PHAM	Cole Information
2010	TUAN VO	Cole Information
2002	SHUABish	Haines & Company
	SHUABish	R. L. Polk & Co.
2000	BINH HUA	Cole Information
1996	HUA BINH PHONG	PACIFIC BELL DIRECTORY
1995	HUA, BINH P	Cole Information
1980	Ruiz M	Pacific Telephone
1965	BLACK EARL J	R. L. Polk & Co.
1962	Black Earl J	Pacific Telephone
1959	Dauzat Clifton J	R. L. Polk & Co.
	j EL 1 6 G	R. L. Polk & Co.

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Year	Uses	Source
2020	JILL MELLO	EDR Digital Archive
	JOSEPH MELLO	EDR Digital Archive
2017	ELEANOR PATTERSON	Cole Information
2014	JOSEPH MELLO	Cole Information
2010	JOSEPH MELLO	Cole Information
2005	RINGS ON HER FINGERS	Cole Information

FINDINGS

Year	Uses	Source
2005	ELEANOR PATTERSON	Cole Information
2002	MELLO Joseph	Haines & Company
	MELLO Joseph	R. L. Polk & Co.
2000	JOSEPH MELLO	Cole Information
1995	MELLO, JOSEPH D	Cole Information
1980	Mello J D	Pacific Telephone
1965	MELLO JOSEPH D	R. L. Polk & Co.
1962	Greenslade Wm M Mrs	Pacific Telephone

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Year	Uses	Source
2020	SUSAN SANDOVAL	EDR Digital Archive
	ELIJAH ROMERO	EDR Digital Archive
2017	ELIJAH ROMERO	Cole Information
2014	ELIJAH ROMERO	Cole Information
2010	HENRY NARDINE	Cole Information
2005	HENRY NARDINE	Cole Information
2002	NARD 1 NE Henry D	Haines & Company
	NARD 1 NE Henry D	R. L. Polk & Co.
2000	NARDINE HENRY D	Pacific Bell
	HENRY NARDINE	Cole Information
1996	NARDINE HENRY D	PACIFIC BELL DIRECTORY
1992	NARDINE HENRY D	PACIFIC BELL DIRECTORY
	NARDINE, HENRY D	Cole Information
1991	Nardine Henry D	PACIFIC BELL WHITE PAGES
1986	NARDLNE HENRY D	PACIFIC BELL WHITE PAGES
1980	Nardine Henry D	Pacific Telephone
1970	NARDINE HENRY D SAN LEANDRO	Pacific Telephone Directory
1965	NARDINE HENRY	R. L. Polk & Co.
1962	Nardine Henry D	Pacific Telephone

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Year	Uses	Source
2020	KARLA JACKSON	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	JABEZ JACKSON	EDR Digital Archive
	JOSIAH JACKSON	EDR Digital Archive
	CHARLES JACKSON	EDR Digital Archive
	YEHOSHUA JACKSON	EDR Digital Archive
2017	CHURCH JACKSON	Cole Information
2014	CHARLES JACKSON	Cole Information
2010	CHARLES JACKSON	Cole Information
2005	CHARLES JACKSON	Cole Information
2002	GUTIERREZ Leonci	Haines & Company
	GUTIERREZ Leonci	R. L. Polk & Co.
2000	LEONCIO GUTIERREZ	Cole Information
1995	GUTIERREZ, LEONCIO B	Cole Information
1965	BEKSTROM EUG H o	R. L. Polk & Co.
1962	Bekstrom Eugene H	Pacific Telephone
1959	Bckstrom Eug H e	R. L. Polk & Co.

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Year	Uses	Source
2020	EUGENE TEO	EDR Digital Archive
	FANNY WAN	EDR Digital Archive
	SHERMAN TEO	EDR Digital Archive
2017	CHOO TEO	Cole Information
2014	FANNY WAN	Cole Information
2010	JOLSON WAN	Cole Information
2005	FANNY WAN	Cole Information
2002	WAN Fanny	Haines & Company
	WAN Fanny	R. L. Polk & Co.
2000	FANNY WAN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1986	Balzer Melvin D	PACIFIC BELL WHITE PAGES
	BALZER MELVIN D	PACIFIC BELL WHITE PAGES
1980	Balzer Melvin D	Pacific Telephone
1970	BALZER MELVIN D SAN LEANDRO	Pacific Telephone Directory

FINDINGS

Year	Uses	Source
1965	BALZER MELVIN D	R. L. Polk & Co.
1962	Balzer Melvin D	Pacific Telephone
1959	Balzer Melvin	R. L. Polk & Co.
	b ELI 8303	R. L. Polk & Co.

978 PORTOLA DR

Year	Uses	Source
2020	JAR HUANG	EDR Digital Archive
2017	JAR HUANG	Cole Information
2010	TINA FREITAS	Cole Information
2005	TINA FREITAS	Cole Information
2002	SFREITASTina	Haines & Company
	SFREITASTina	R. L. Polk & Co.
2000	OCCUPANT UNKNOWN	Cole Information
1980	Freitas Tina	Pacific Telephone
1975	FREITAS TINA	Pacific Telephone
1970	FREITAS TINA SAN LEANDRO	Pacific Telephone Directory
1965	FREITAS JOSEPH	R. L. Polk & Co.
1962	Freitas Tina	Pacific Telephone
1959	Freitas Jos SEL	R. L. Polk & Co.

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Year	Uses	Source
2020	SANDYNGA LUU	EDR Digital Archive
	SAM QUAN	EDR Digital Archive
	PHUONG LUU	EDR Digital Archive
2017	SANDY QUAN	Cole Information
2014	CUONG LUU	Cole Information
2010	SANDY LUU	Cole Information
2005	PHUONG LUU	Cole Information
2002	QUANCuong	Haines & Company
	QUANCuong	R. L. Polk & Co.
2000	NGA LUU	Cole Information
1995	SPYCHALSKI, IRMA	Cole Information

FINDINGS

Year	Uses	Source
1965	OBERTELLO D	R. L. Polk & Co.
1962	Ciarfaglio Roy Mrs	Pacific Telephone

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Year	Uses	Source
1959	Cirrfaglio Roy A e	R. L. Polk & Co.

997 PORTOLA DR

Year	Uses	Source
2020	JENNIFER WOO	EDR Digital Archive
2017	SAM BENTEROU	Cole Information
2014	JOHN BENTEROU	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	JOHN BENTEROU	Cole Information
2002	BENTEROUJJ	Haines & Company
	BENTEROUJJ	R. L. Polk & Co.
2000	BENTEROU J J	Pacific Bell
	JOHN BENTEROU	Cole Information
1996	BENTEROU J J	PACIFIC BELL DIRECTORY
1995	BENTEROU, JOHN J	Cole Information
1992	BENTEROU J J	PACIFIC BELL DIRECTORY
	BENTEROU, JOHN J	Cole Information
1991	Benterou J J	PACIFIC BELL WHITE PAGES
	Benthien Cathy A	PACIFIC BELL WHITE PAGES
1986	Benterou J J	PACIFIC BELL WHITE PAGES
	BENTEROU J J	PACIFIC BELL WHITE PAGES
1980	Benterou J J	Pacific Telephone
1975	BENTEROU J J	Pacific Telephone
1965	BENTEROU JOHN J	R. L. Polk & Co.
1962	Benterou J J	Pacific Telephone
1959	Benterou John J i EL	R. L. Polk & Co.

FINDINGS

PORTULA DR

950 PORTULA DR

Year	*Uses*	*Source*
2000	HUA BINH	Pacific Bell

TEAGARDEN ST

2950 TEAGARDEN ST

Year	*Uses*	*Source*
2002	OVIA 1 TKim	Haines & Company
	OVIA 1 TKim	R. L. Polk & Co.

2953 TEAGARDEN ST

Year	*Uses*	*Source*
2017	TIMBERLAKE RESPIRATORY CARE & HOME M	Cole Information
2014	TIMBERLAKE RESPIRATORY CARE & HOME M	Cole Information
2010	TIMBERLAKE RESPIRATORY & MED	Cole Information
2005	ADVANCED RESPIRATORY CARE	Cole Information
2002	a ADVANCED	Haines & Company
	RESPIRATORY CARE	Haines & Company
	ADVANCED	R. L. Polk & Co.
	RESPIRATORY CARE	R. L. Polk & Co.
2000	ADVANCED RESPIRATORY CARE	Pacific Bell
	ADVANCED RESPIRATORY CARE	Cole Information
1996	HEALTHCARE PHARMACY	PACIFIC BELL DIRECTORY
	HEALTHCARE NETWORK	PACIFIC BELL DIRECTORY
1995	HEALTHCARE PHARMACY	Cole Information
1992	HEALTHCARE PHARMACY	PACIFIC BELL DIRECTORY
	FAN FACTORY THE	Cole Information
	HEALTHCARE PHAR	Cole Information
1986	Fan Factory The	PACIFIC BELL WHITE PAGES
	Fan Grace	PACIFIC BELL WHITE PAGES
	Fan Robt	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1986	FAN FACTORY THE	PACIFIC BELL WHITE PAGES
1982	BISHOP INDUSTRIES INC SAN LEANDRO	Pacific Telephone
1980	BISHOP INDUSTRIES INC	Pacific Telephone
1979	BISHOP CO	Pacific Telephone
	BISHOP CO	Pacific Telephone
1976	BJSHOP CO	R. L. Polk & Co.
1975	BISHOP CO	Pacific Telephone
	BISHOP CO	Pacific Telephone
1973	BISHOP CO	Pacific Telephone

2954 TEAGARDEN ST

Year	Uses	Source
2017	AWESOME PRINTING	Cole Information
	HERNANDEZ & SONS STORE FIXTURES	Cole Information
2014	AWESOME PRINTING	Cole Information
	HERNANDEZ & SONS STORE FIXTURES	Cole Information
2010	AWESOME PRINTING	Cole Information
2002	GLAZIERS	Haines & Company
	TRAINING FUND	Haines & Company
	GLAZIERS	R. L. Polk & Co.
	TRAINING FUND	R. L. Polk & Co.
2000	GLAZIERS 169 TRAINING FUND	Pacific Bell
	GLAZIERS 169 TRAINING FUND	Cole Information
1996	GLAZIERS 169 TRAINING FUND	PACIFIC BELL DIRECTORY
1995	GLAZIERS 169 TRAINING FUND	Cole Information
1992	GLAZIERS 169 TRAINING FUND	PACIFIC BELL DIRECTORY
	GLAZIERS 169 FUND	Cole Information
	PERFECT REFLECTIONS	Cole Information
1991	Perfect Reflections	PACIFIC BELL WHITE PAGES
1986	BATTE RIE S LTD	PACIFIC BELL WHITE PAGES
	BATTERIES LTD	PACIFIC BELL WHITE PAGES

FINDINGS

2956 TEAGARDEN ST

Year	Uses	Source
2017	BLUE DISH CAFE	Cole Information
2014	BLUE DISH CAFE	Cole Information
	BLUE DISH CAFE & CATERING	Cole Information
2010	BLUE DISH CAFE & CATERING	Cole Information
2002	BLUE DISH CAFE	Haines & Company
	BLUE DISH CAFE	R. L. Polk & Co.
2000	BLUE DISH CAFE & CATERING	Pacific Bell
	BLUE DISH CAFE & CATERING	Cole Information
1996	BLUE DISH CAFE	PACIFIC BELL DIRECTORY
1995	HOT LINE COFFEE SHOP	Cole Information
1992	HOT LINE COFFEE SHOP	PACIFIC BELL DIRECTORY
	HOT LINE COFFEE SHP	Cole Information
1991	Hot Line Coffee Shop	PACIFIC BELL WHITE PAGES
1986	Hot Line Coffee Shop	PACIFIC BELL WHITE PAGES
	HOT LINE COFFEE SHOP	PACIFIC BELL WHITE PAGES
1980	Poor Boy Submarine Sandwich Shop	Pacific Telephone
1975	LANIER BUSINESS PRODUCTS	Pacific Telephone

2957 TEAGARDEN ST

Year	Uses	Source
2017	CARGO BAY TRUCKING	Cole Information
	RIBBON CONNECTIONS INC	Cole Information
2014	RIBBON CONNECTIONS INC	Cole Information
2010	CRANE PRO SVC INC	Cole Information
	RIBBON CONNECTIONS INC	Cole Information
2005	RIBBON CONNECTIONS INC	Cole Information
2002	CRANEPROSERVICES 510 U 614 0694 I KCIKONEC	Haines & Company
	CRANEPROSERVICES 510 U	R. L. Polk & Co.
	KCIKONECRANES	R. L. Polk & Co.
2000	CRANE PRO SERVICES	Pacific Bell
	KCI KONECRANES	Cole Information

FINDINGS

Year	Uses	Source
2000	CRANE PRO SERVICES	Cole Information
1996	CRANE PRO SERVICES	PACIFIC BELL DIRECTORY
1995	CONTINENTAL WESTERN CORP	Cole Information
1992	CONTL WESTERN CORP	Cole Information
1991	Continental Western Corporation	PACIFIC BELL WHITE PAGES
1986	Floorw all Coverings	PACIFIC BELL WHITE PAGES
	CONTINENTAL WESTERN	PACIFIC BELL WHITE PAGES
	CORPORATION	PACIFIC BELL WHITE PAGES

2958 TEAGARDEN ST

Year	Uses	Source
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1996	TEMPERATURE TECHNOLOGY INNOVATIONS	PACIFIC BELL DIRECTORY
1995	ANYKIND SCREEN PRINTING	Cole Information
1992	ANYKIND SCREEN PRINTING	PACIFIC BELL DIRECTORY
	ANYKIND SCREEN PRNT	Cole Information
	DISCOUNT CMPTR PROD	Cole Information
1991	Discount Computer Products	PACIFIC BELL WHITE PAGES
1986	SILVER RAINBOW CO	PACIFIC BELL WHITE PAGES
	Silver Rainbow Co	PACIFIC BELL WHITE PAGES
1980	Tool Crib Industrial Supply	Pacific Telephone

2959 TEAGARDEN ST

Year	Uses	Source
1980	Alcal Delivery	Pacific Telephone

2960 TEAGARDEN ST

Year	Uses	Source
2002	AMSARCHITE	Haines & Company
	TECHNOLOGY	Haines & Company
	AMSARCHITECTUAL	R. L. Polk & Co.
	TECHNOLOGY	R. L. Polk & Co.
2000	AMS ARCHITECTUAL TECHNOLOGIES	Pacific Bell

FINDINGS

Year	Uses	Source
2000	AMS ARCHITECTUAL TECHNOLOGIES	Cole Information
1996	AMS ARCHITECTUAL TECHNOLOGIES	PACIFIC BELL DIRECTORY
1992	AUTO PRODUCTS	PACIFIC BELL DIRECTORY
	AUTO PRODUCTS	Cole Information
1991	Auto Products	PACIFIC BELL WHITE PAGES
1986	Auto Products	PACIFIC BELL WHITE PAGES
	AUTO PRODUCTS	PACIFIC BELL WHITE PAGES

2962 TEAGARDEN ST

Year	Uses	Source
2005	ROTADYNE CORP	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
2000	AMERICAS LABOR SOURCE	Cole Information
1980	PAFCO	Pacific Telephone
1975	KINETIC SPRING INC	Pacific Telephone

2964 TEAGARDEN ST

Year	Uses	Source
2005	CHRIS PINNEY CONSTRUCTION	Cole Information
2000	ALL BAY HOMES	Cole Information
1996	AMERICAN OUTDOORS	PACIFIC BELL DIRECTORY
1992	APPLIED SOLUTIONS	PACIFIC BELL DIRECTORY
	JENEX AMERICA CO	Cole Information
1980	Shuttercraft Of California Inc	Pacific Telephone

2966 TEAGARDEN ST

Year	Uses	Source
2010	REEF DESIGNS	Cole Information
2005	BAY TECH RESOURCES	Cole Information
	UNITED ACRITRON	Cole Information
2000	NATURE S REPLICA	Pacific Bell
1995	SEPARATION SERVICE	Cole Information
	D P SVC INC	Cole Information

FINDINGS

Year	Uses	Source
1992	D P SERVICE INC	PACIFIC BELL DIRECTORY
	D P SERVICE	Cole Information
1991	DP Service Inc	PACIFIC BELL WHITE PAGES
	D & R Janitorial Contractors	PACIFIC BELL WHITE PAGES
	D & R Legal Process Service	PACIFIC BELL WHITE PAGES
1986	D P SERVICE INC	PACIFIC BELL WHITE PAGES
	D P Service Inc	PACIFIC BELL WHITE PAGES
1980	D P Service	Pacific Telephone

2968 TEAGARDEN ST

Year	Uses	Source
2017	CALIFORNIA SUNSCREEN AUTO TINTSPECIA	Cole Information
2014	CALIFORNIA SUNSCREEN AUTO TINTSPECIA	Cole Information
2005	IT S PRINTING	Cole Information
2002	NATURES REPLICA 510 351 1056 I	Haines & Company
	EXECUTIVE	Haines & Company
	PRESENTATIONS	Haines & Company
	ITS PRINTING 510 483 8895 I	Haines & Company
	NATURES REPLICA	R. L. Polk & Co.
	EXECUTIVE	R. L. Polk & Co.
	PRESENTATIONS ITS PRINTING	R. L. Polk & Co.
2000	EXECUTIVE PRESENTATIONS	Pacific Bell
	IT S PRINTING	Pacific Bell
	ITS PRINTING	Cole Information
	EXECUTIVE PRESENTATIONS	Cole Information
1996	IT S PRINTING	PACIFIC BELL DIRECTORY
1995	COORDINATED WETSTERN INC	Cole Information
1992	CO-ORDINATED WESTERN INC	PACIFIC BELL DIRECTORY
	CO-ORDINATED WESTERN INC	PACIFIC BELL DIRECTORY
	COORDINATED WESTERN	Cole Information
1991	Co Ordinated Western Inc	PACIFIC BELL WHITE PAGES
	Co Ordinated Western Inc	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1991	Coordinated Western Inc	PACIFIC BELL WHITE PAGES
1986	CO-ORDINATED WESTERN INC	PACIFIC BELL WHITE PAGES
	CO-ORDINATED	PACIFIC BELL WHITE PAGES
	INDUSTRIES INC	PACIFIC BELL WHITE PAGES
1980	Co Ordinated Industries Inc	Pacific Telephone
	San Ramon Industries	Pacific Telephone

2970 TEAGARDEN ST

Year	Uses	Source
2005	TRANSPORT REFRIGERATION SERVICE	Cole Information
2002	REFRIGERATION SERF	Haines & Company
	TRANSPORT	R. L. Polk & Co.
	REFRIGERATION SERF	R. L. Polk & Co.
2000	TRANSPORT REFRIGERATION SERVICE	Pacific Bell
	TRANSPORT REFRIGERATION SERVICE	Cole Information
1995	PET CARE USA	Cole Information
1992	ELECTRICAL SERVICES UNLIMITED	PACIFIC BELL DIRECTORY
	HAVE BRUSH TRAVEL	Cole Information
	ELECTRL SERV UNLTD	Cole Information
1991	HAVE BRUS H W ILL TRAVE L	PACIFIC BELL WHITE PAGES
1986	PUCH PIPING SUPPLY CO	PACIFIC BELL WHITE PAGES

2971 TEAGARDEN ST

Year	Uses	Source
2005	ARTISTIC FLOORING	Cole Information
2002	a RIBBON CONNECTIONS	Haines & Company
	RIBBON CONNECTIONS	R. L. Polk & Co.
2000	RIBBON CONNECTIONS INC	Pacific Bell
	RIBBON CONNECTIONS INCORPORATED	Cole Information
1996	SIERRA TOOLS & ABRASIVES	PACIFIC BELL DIRECTORY
1995	CRANE PRO SVC KONE	Cole Information
1992	CARDERS & POSTERS INC	PACIFIC BELL DIRECTORY
	CARDERS&POSTERS INC	Cole Information
1991	Carders & Posters Inc	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1986	TDI WINSTON NETWORK	PACIFIC BELL WHITE PAGES
1980	Service Dept	Pacific Telephone

2972 TEAGARDEN ST

Year	Uses	Source
2017	VISIONISLE	Cole Information
2014	VISIONISLE	Cole Information
2010	VISION ISLE	Cole Information
2005	JOSEPH ELECTRONICS WEST LLC	Cole Information
2002	MFBANK&COINC	Haines & Company
	MFBANK&COINC	R. L. Polk & Co.
2000	M F BANK & CO INC	Pacific Bell
	M F BANK & COMPANY INCORPORATED	Cole Information
1996	DOHERTY & DUNNE SCREEN PRINTING	PACIFIC BELL DIRECTORY
1992	LINCOLN PRESS	PACIFIC BELL DIRECTORY
	LINCOLN PRESS	Cole Information
1991	Lincoln Press	PACIFIC BELL WHITE PAGES
1986	Uncoln Press	PACIFIC BELL WHITE PAGES
1980	Allen Haven Co Haven Allen Co	Pacific Telephone
	Haven Allen Co	Pacific Telephone
1975	ALLEN HAVEN CO HAVEN ALLEN CO	Pacific Telephone
	HAVEN ALLEN CO	Pacific Telephone

2973 TEAGARDEN ST

Year	Uses	Source
2014	ARTISTIC STONE KITCHEN & BATH	Cole Information
2010	ARTISTIC STONE KITCHEN & BATH	Cole Information
2005	ARTISTIC STONE KITCHEN & BATH INC	Cole Information
	ARTISTIC STONE GROUP CO	Cole Information
2002	a WIZARD BREWING CO	Haines & Company
	WIZARD BREWING CO	R. L. Polk & Co.
2000	WIZARD BREWING CO	Pacific Bell
	WIZARD BREWING CO	Cole Information
1995	TEXCAN CABLES INC	Cole Information

Year	Uses	Source
1992	TEXCAN CABLES INC	PACIFIC BELL DIRECTORY
	TEXCAN CABLES INC	Cole Information
1991	Texcan Cables Inc	PACIFIC BELL WHITE PAGES
1980	Beajay Construction Consulting Services	Pacific Telephone
	Rexnord Inc	Pacific Telephone
	Sceco Inc	Pacific Telephone
1975	CRC CHEMICALS INC	Pacific Telephone

2974 TEAGARDEN ST

Year	Uses	Source
2010	TIOMONO CORP	Cole Information
2005	HUGHES CONSTRUCTION CO	Cole Information
	SERVICEMASTER OF ALAMEEA COUNTY INC	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
2000	L A SMITH & SONS BODY SHOP	Cole Information
1996	PERFECT REFLECTIONS	PACIFIC BELL DIRECTORY
1995	PERFECT REFLECTIONS	Cole Information
1992	PERFECT REFLECTIONS	PACIFIC BELL DIRECTORY
	PERFECT REFLECTIONS	Cole Information
1980	Allen Gilbert	Pacific Telephone

2975 TEAGARDEN ST

Year	Uses	Source
2005	HUGHES CONSTRUCTION CO	Cole Information
2000	ALAN COMPUTECH INTERNATIONAL	Pacific Bell
	ALAN COMPUTECH INTERNATIONAL	Pacific Bell
	COMPUTER SURPLUS OUTLET	Pacific Bell
	COMPUTER SURPLUS OUTLET	Cole Information
	ALAN COMPUTECH INTERNATIONAL	Cole Information
1992	COSMOS TRANSPORT SERVICES CO	PACIFIC BELL DIRECTORY
	COSMOS TRANSPORT SV	Cole Information
1991	Cosmos Transport Services Inc	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1991	Cosola M	PACIFIC BELL WHITE PAGES
1986	Industrial Tire	PACIFIC BELL WHITE PAGES
	Industrial Tire Inc	PACIFIC BELL WHITE PAGES
1980	Bearcat Of Calif	Pacific Telephone
1975	INDUSTRIAL TIRES INC	Pacific Telephone

2976 TEAGARDEN ST

Year	Uses	Source
2017	CHOICE TRADING CO INC	Cole Information
2014	CHOICE TRADING CO INC	Cole Information
2002	DIVERSFDMETAL FAB 510 667 9900 I	Haines & Company
	DIVERSFDMETAL FAB	R. L. Polk & Co.
2000	DIVERSIFIED METAL FAB	Pacific Bell
	DIVERSIFIED METAL FAB	Cole Information
1980	Barnett Contract Furnishers	Pacific Telephone
1979	BPRNETT S FURNITURE RENTAL	Pacific Telephone
1976	BARNETT S FURNITURE RENTAL	R. L. Polk & Co.

2978 TEAGARDEN ST

Year	Uses	Source
2020	LINDA ROMINE	EDR Digital Archive
2017	OAT CUISINE	Cole Information
2014	OAT CUISINE	Cole Information
2005	ECONOMY RUBBER & GASKET	Cole Information
2002	ECONOMY 510 351 8225 I	Haines & Company
	RUBBER&GASKET	Haines & Company
	ECONOMY	R. L. Polk & Co.
	RUBBER&GASKET	R. L. Polk & Co.
2000	ECONOMY RUBBEN & GASKET	Pacific Bell
	ECONOMY RUBBER & GASKET	Cole Information
1996	ECONOMY RUBBER & GASKET	PACIFIC BELL DIRECTORY
1992	AIRTIME MFG	PACIFIC BELL DIRECTORY
	AIRTIME MFG	Cole Information
1991	Airtime Mfg	PACIFIC BELL WHITE PAGES

FINDINGS

Year	Uses	Source
1980	Airtime Mfg	Pacific Telephone
	Marble Unlimited	Pacific Telephone

2980 TEAGARDEN ST

Year	Uses	Source
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1995	BALLOON CITY WEST	Cole Information
1992	AIRTIME MFG FAX LINE	PACIFIC BELL DIRECTORY
1986	C & T Rotor & Drum Co	PACIFIC BELL WHITE PAGES

2982 TEAGARDEN ST

Year	Uses	Source
2005	DUARTE HAULING	Cole Information
2002	HOME EXTERIORSINC 510 352 1685 I	Haines & Company
	HOME EXTERIORSINC	R. L. Polk & Co.
2000	HOME EXTERIORS INC	Pacific Bell
	HOME EXTERIORS INCORPORATED	Cole Information
1992	MARBLE UNLIMITED	Cole Information
1986	Marble Unlimited	PACIFIC BELL WHITE PAGES
1980	CALIFORNIA ENVELOPE CO	Pacific Telephone
	Mc Nab Printing	Pacific Telephone
1975	COASTWIDE MERCHANDISE CORP	Pacific Telephone

2984 TEAGARDEN ST

Year	Uses	Source
2017	VISTA ENVIRONMENTAL CONSULTING LLC	Cole Information
2014	VISTA ENVIRONMENTAL CONSULTING LLC	Cole Information
2010	KENNEL BOXING GYM THE LLC	Cole Information
2005	WINZLER & KELLY CONSULTING ENGINEER	Cole Information
2002	CLEANWAY	Haines & Company
	ENTERPRISES	Haines & Company
	CLEANWAY	R. L. Polk & Co.
	ENTERPRISES	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2000	CLEAN-WAY ENTERPRISES	Pacific Bell
	RAMCO CLEANING SYSTEMS	Cole Information
	CLEAN WAY ENTERPRISES	Cole Information
1996	CLEAN-WAY ENTERPRISES	PACIFIC BELL DIRECTORY
1995	CLEAR WATER SYSTEMS	Cole Information
1986	J Lincoln Ltd	PACIFIC BELL WHITE PAGES
	Lincoln J Ltd	PACIFIC BELL WHITE PAGES
	Lincoln Jim	PACIFIC BELL WHITE PAGES
1980	J Lincoln Ltd	Pacific Telephone
	Jack Jeans	Pacific Telephone
	Jackjeans	Pacific Telephone
	Jeans Jack	Pacific Telephone
	Lincoln J Ltd	Pacific Telephone

2986 TEAGARDEN ST

Year	Uses	Source
2017	E M S PACIFIC INC	Cole Information
2014	E M S PACIFIC INC	Cole Information
2005	A 1 RESTORATION SERVICE INC	Cole Information
	A 1 TILE & GROUT CLEANING	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
2000	STANLEY STEEMER CARPET CLEANER	Cole Information
1980	WHITMORE REFRIGERATION INC	Pacific Telephone
1975	JEAN MACHINE	Pacific Telephone
	LAPKIN BUD	Pacific Telephone

2988 TEAGARDEN ST

Year	Uses	Source
2014	B BROS CONSTRUCTION	Cole Information
2010	BBROS CONSTRUCTION INC	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1996	UNIVERSAL NEON & DISPLAYS	PACIFIC BELL DIRECTORY

Year	Uses	Source
1995	NEW TOUCH IMPROVEMENTS	Cole Information
1992	NEXXUS OF ALAMEDA COUNTY	PACIFIC BELL DIRECTORY
	NEXXUS ALAMEDA CO	Cole Information
1991	N E XXUS OF ALAME DA COUN TY	PACIFIC BELL WHITE PAGES
1986	N E XXUS OF ALAME DA COUN TY	PACIFIC BELL WHITE PAGES
1982	NEXXUS OF ALAMEDA COUNTY SAN LEANDRO	Pacific Telephone
1980	Nexxus Of Alameda	Pacific Telephone

2990 TEAGARDEN ST

Year	Uses	Source
2017	DAN ELECTRIC	Cole Information
2014	DANEL	Cole Information
2005	CPH INTERNATIONAL CORP	Cole Information
2002	CPH INTERNATIONAL	Haines & Company
	CPH INTERNATIONAL	R. L. Polk & Co.
2000	C P H INTERNATIONAL CORP	Pacific Bell
	C P H INTERNATIONAL CORPORATION	Cole Information
1996	C P H INTERNATIONAL CORP	PACIFIC BELL DIRECTORY
1995	CPH INTL	Cole Information
1992	CLEAN-WAY ENTERPRISES	PACIFIC BELL DIRECTORY
	CLEAR WATER SYSTEMS	PACIFIC BELL DIRECTORY
	CLEAN WAY ENTPRS	Cole Information
1991	Clean Way Enterprises	PACIFIC BELL WHITE PAGES
	Clear Water Systems	PACIFIC BELL WHITE PAGES
	Clearbrook Water	PACIFIC BELL WHITE PAGES
1980	ALPHA REFRIGERATION	Pacific Telephone
	Ray Macy Construction	Pacific Telephone

2992 TEAGARDEN ST

Year	Uses	Source
2017	UNITED ACRITRON	Cole Information
	JEFFS MOBILE GLASS	Cole Information
2014	JEFFS MOBILE GLASS	Cole Information

FINDINGS

Year	Uses	Source
2010	JEFFS MOBILE GLASS	Cole Information
	UNITED ACRITON	Cole Information
2005	JEFFS MOBILE GLASS	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
2000	WILSON MUSIC CO	Pacific Bell
	WILSON MUSIC COMPANY	Cole Information
1996	WILSON MUSIC CO	PACIFIC BELL DIRECTORY
1995	FILTERS FILTERS FILTERS	Cole Information
1992	HELIUM HAPPIES	PACIFIC BELL DIRECTORY
	HELIUM HAPPIES	PACIFIC BELL DIRECTORY
	FILTERS FILTERS FILTERS	PACIFIC BELL DIRECTORY
	COMPACTORS&BAILORS	Cole Information
	HELIUM HAPPIES	Cole Information
	FILTERS FILTERS	Cole Information
1991	Fifters Filters Filters	PACIFIC BELL WHITE PAGES
	Helium Happies	PACIFIC BELL WHITE PAGES
	Helium Happies	PACIFIC BELL WHITE PAGES
	Helium Leak Testing Inc	PACIFIC BELL WHITE PAGES
	Helle Dorothy	PACIFIC BELL WHITE PAGES
1986	UNIVERSAL DRAPERIES	PACIFIC BELL WHITE PAGES
1980	Universal Draperies	Pacific Telephone
1975	CAL-TEAMCO	Pacific Telephone

2993 TEAGARDEN ST

Year	Uses	Source
2017	BAY LINEN LLC	Cole Information
	BAY LINEN INC	Cole Information
2014	BAY LINEN INC	Cole Information
2010	RYAN COFFEE CO	Cole Information
2005	RYAN COFFEE CO	Cole Information
2002	RYAN COFFEE	Haines & Company
	COMPANY	Haines & Company

Year	Uses	Source
2002	VICTORIAN HOUSE	Haines & Company
	CNCNTRTDCFFEE	Haines & Company
	RYAN COFFEE	R. L. Polk & Co.
	COMPANY VICTORIAN HOUSE	R. L. Polk & Co.
	CNCNTRTDCFFEE	R. L. Polk & Co.
2000	RYAN COFFEE COMPANY	Pacific Bell
1996	ATA DISTRIBUTION SERVICES INC	PACIFIC BELL DIRECTORY
1992	GNB INDUSTRIAL BATTERY CO	PACIFIC BELL DIRECTORY
	G N B INDS BATTERYS	Cole Information
1991	GN B Industrial Battery Co	PACIFIC BELL WHITE PAGES
1986	GN B Batteries Inc Gould	PACIFIC BELL WHITE PAGES
	G N LAssociates POBox 1194 Brk	PACIFIC BELL WHITE PAGES
1980	Industrial Battery Sales	Pacific Telephone
1975	GOULD & HOLM CUSTOM GUNSMITHING	Pacific Telephone

2994 TEAGARDEN ST

Year	Uses	Source
2017	HOUSE KOMBUCHA	Cole Information
2014	DUPONT MARKET	Cole Information
2005	AMERICAN BAKERY	Cole Information
2002	OUICK N EZEE INDIAN	Haines & Company
	FOODS	Haines & Company
	OUICK N EZEE INDIAN	R. L. Polk & Co.
	FOODS	R. L. Polk & Co.
2000	QUICK-N-EZEE INDIAN FOODS	Pacific Bell
1996	DOHERTY & DUNNE MVP BATTING CAGES	PACIFIC BELL DIRECTORY
1995	ACTION DESIGNS DOHERTY & DUNNE	Cole Information
1992	ACTION DESIGNS-DOHERTY & DUNNE	PACIFIC BELL DIRECTORY

2995 TEAGARDEN ST

Year	Uses	Source
2017	CARGO BAY TRUCKING	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.

Year	Uses	Source
1986	Lambert Associates	PACIFIC BELL WHITE PAGES
	REPCOLD DISTRIBUTORS	PACIFIC BELL WHITE PAGES
1980	Gingerw ood Advertising	Pacific Telephone
	Gingery Robert O MD	Pacific Telephone
	Lambert Associates	Pacific Telephone
	Lambert Associates	Pacific Telephone
1975	GOULD & HOLM CUSTOM GUNSMITHING	Pacific Telephone

2996 TEAGARDEN ST

Year	Uses	Source
2017	CONBALCO INC	Cole Information
	CWP CONTRACTING	Cole Information
2014	CONBALCO INC	Cole Information
2010	CONBALCO INC	Cole Information
2005	SOLAR DESIGN INC	Cole Information
1992	SEA WORLD AQUATICS	PACIFIC BELL DIRECTORY
	DURA STRIP SN LDRO	Cole Information
1991	Dura Strip Of San Leandro	PACIFIC BELL WHITE PAGES
	DURA S YS TE MS ROOFIN G & GUTTE RS	PACIFIC BELL WHITE PAGES
	Duraclean Rug & Upholstery Cleaners	PACIFIC BELL WHITE PAGES
1986	DURA-STRIP OF SAN LEANDRO	PACIFIC BELL WHITE PAGES
	DIURA S TRIP OF S AN LE AN DRO	PACIFIC BELL WHITE PAGES
	DURABLE TILE 584	PACIFIC BELL WHITE PAGES
1980	DURA STRIP OF SAN LEANDRO	Pacific Telephone
1975	DURA-STRIP	Pacific Telephone

2997 TEAGARDEN ST

Year	Uses	Source
2017	LUMBER LIQUIDATORS INC	Cole Information
	LUMBER LIQUIDATORS	Cole Information
2014	LUMBER LIQUIDATORS	Cole Information
2005	INOUE CORP	Cole Information
2002	IN 0 UECORPDBA	Haines & Company
	PASAR IMPORTS	Haines & Company

FINDINGS

Year	Uses	Source
2002	IN 0 UECORPDB	R. L. Polk & Co.
	PASAR IMPORTS	R. L. Polk & Co.
2000	INOUE CORPORATION DBA PASAR IMPORTS	Pacific Bell
	INOUE CORPORATION DBA PASAR IMPORTS	Cole Information
1996	INTERNATIONAL CLOSURES & SUPPLIES INC	PACIFIC BELL DIRECTORY
1995	INTERNATIONAL CLOSURES & SUPLS	Cole Information
1992	INTERNATIONAL CLOSURES & SUPPLIES INC	PACIFIC BELL DIRECTORY
	INTL CLOSURE&SPLYS	Cole Information
	INTL CLOSRE&SPL INC	Cole Information
1991	International Closures & Supplies Inc	PACIFIC BELL WHITE PAGES
1986	INTERNATIONAL CLOSURE	PACIFIC BELL WHITE PAGES
	& SUPPLIES INC	PACIFIC BELL WHITE PAGES
1975	DUHIG AND CO INC	Pacific Telephone

2998 TEAGARDEN ST

Year	Uses	Source
2010	KARGL CONSTRUCTION	Cole Information
2005	ABLE PAINTING & CONSTRUCTION CO	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1996	A B FOOD DISTRIBUTOR	PACIFIC BELL DIRECTORY
1992	A B FOOD DISTRIBUTOR	PACIFIC BELL DIRECTORY
	A B FOOD DSTRBTR	Cole Information
1986	A A Aimes Co	PACIFIC BELL WHITE PAGES
	AA AMERICAN PROBATE S ERVICE S IN C	PACIFIC BELL WHITE PAGES
	Repcold Distributors	PACIFIC BELL WHITE PAGES
	Repeat Business Systems	PACIFIC BELL WHITE PAGES
	DYNAFORCE WEST CORP	PACIFIC BELL WHITE PAGES
	A A AIMES CO	PACIFIC BELL WHITE PAGES
1980	Dynaforce West Corp air curtns	Pacific Telephone

FINDINGS

2999 TEAGARDEN ST

Year	Uses	Source
2017	CUSTOM STONE	Cole Information
2014	CUSTOM STONE	Cole Information
2010	CONKLIN BROTHERS	Cole Information
2005	CONKLIN BROTHERS OF SAN LEAN DRO	Cole Information
2002	CONKLINBROS	Haines & Company
	CONKLINBROS	R. L. Polk & Co.
2000	CONKLIN BROS	Pacific Bell
	CONKLIN BROTHERS	Cole Information
1996	CONKLIN BROS	PACIFIC BELL DIRECTORY
1995	ACME FLOORING SYSTEM INC	Cole Information
	T I SYSTEMS GENERAL CONTR	Cole Information
1992	RIX COMPUTER SYS SV	Cole Information
	W A H SYSTEMS SERV	Cole Information
1991	From East Bay Telephones Call	PACIFIC BELL WHITE PAGES
	Rix Dan	PACIFIC BELL WHITE PAGES
	W A H Systems Service	PACIFIC BELL WHITE PAGES
1986	DP ENTERPRISES INC- SALES	PACIFIC BELL WHITE PAGES
1980	Cal Teamco	Pacific Telephone
	Calif Tire Equip & Materials Co Inc	Pacific Telephone

3007 TEAGARDEN ST

Year	Uses	Source
2017	HOSE & FITTINGS ETC	Cole Information
2014	YES WE CAN BUILDING SERVICES	Cole Information
2010	ALLEGRA PRINT & IMAGING	Cole Information
2005	CBX SOFTWARE INC	Cole Information
	CBX TECHNOLOGIES	Cole Information
	POLK COMMUNICATIONS	Cole Information
2002	PHARMACEUTICAL	Haines & Company
	SERVICES	Haines & Company
	HOLMESJames	Haines & Company
	PHARMACEUTICAL	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
2002	SERVICES	R. L. Polk & Co.
	HOLMESJames	R. L. Polk & Co.
2000	AMERICAN PHARMACEUTICAL SERVICES	Pacific Bell
	AMERICAN PHARMACEUTICAL SERVICES	Cole Information
1995	TRIEX GROUP INTL INC	Cole Information
1992	TRIEX GROUP INTL	Cole Information
1991	Triex Group International Inc	PACIFIC BELL WHITE PAGES
	Trifon Malcolm	PACIFIC BELL WHITE PAGES
1986	W ILS ON FRE D M	PACIFIC BELL WHITE PAGES
	Wilson Fred M	PACIFIC BELL WHITE PAGES
1980	FREMIL ELECTRIC COMPANY	Pacific Telephone
1975	FREMIL ELECTRIC COMPANY	Pacific Telephone

3011 TEAGARDEN ST

Year	Uses	Source
2017	HOSE & FITTINGS ETC	Cole Information
2014	HOSE & FITTINGS ETC	Cole Information
2010	HOSE & FITTINGS ETC	Cole Information
2005	PARKER STORE	Cole Information
2002	CAHOSEOFITTINGS	Haines & Company
	HOSE&FITTINGSETC	Haines & Company
	PARKER STORE	Haines & Company
	CAHOSEOFITTINGS	R. L. Polk & Co.
	HOSE&FITTINGSETC	R. L. Polk & Co.
	PARKER STORE	R. L. Polk & Co.
2000	HOSE & FITTINGS ETC	Pacific Bell
	PARKER STORE	Cole Information
	CALIFORNIA HOSE & FITTINGS	Cole Information
	HOSE & FITTINGS ETC	Cole Information
1996	HOSE & FITTINGS ETC	PACIFIC BELL DIRECTORY
1980	S & T Racing Enterprises	Pacific Telephone
	Traver Paul M	Pacific Telephone

FINDINGS

3013 TEAGARDEN ST

Year	Uses	Source
2005	CALIFORNIA SUNSCREEN	Cole Information
2002	CA SUNSCREEN ATO	Haines & Company
	TINT SPCLSTS	Haines & Company
	CA SUNSCREEN ATO	R. L. Polk & Co.
	TINT SPCLSTS	R. L. Polk & Co.
2000	CALIFORNIA SUNSCREEN AUTO TINT SPECIALISTS	Pacific Bell
	CALIFORNIA SUNSCREEN AUTO TINT SPECIALISTS	Cole Information
1996	CALIFORNIA SUNSCREEN	PACIFIC BELL DIRECTORY
1995	CALIFORNIA SUNSCREEN	Cole Information
1992	IRONTITE PRODCTS CO	Cole Information
1991	Irontite Products Co Inc	PACIFIC BELL WHITE PAGES
1986	IRONTITE PRODUCTS CO	PACIFIC BELL WHITE PAGES
1982	IRONTITE PRODUCTS CO INC SAN LEANDRO	Pacific Telephone
1980	IRONTITE PRODUCTS CO INC	Pacific Telephone
1975	IRONTITE PRODUCTS CO INC	Pacific Telephone

3015 TEAGARDEN ST

Year	Uses	Source
2017	BAY AREA CABINET SUPPLY	Cole Information
	CREATIVE KITCHENS & BATHS	Cole Information
2014	BAY AREA CABINET SUPPLY	Cole Information
	CREATIVE KITCHENS & BATHS	Cole Information
2010	BAY AREA CABINET SUPPLY	Cole Information
	CREATIVE KITCHENS & BATHS	Cole Information
2005	BAY AREA CABINET SUPPLY	Cole Information
	CREATIVE KITCHENS & BATHS	Cole Information
2002	BAY AREA CABINET	Haines & Company
	SUPPLY	Haines & Company
	CREATIVE	Haines & Company
	KITCHENS&BATHS	Haines & Company

FINDINGS

Year	Uses	Source
2002	BAY AREA CABINET	R. L. Polk & Co.
	SUPPLY CREATIVE	R. L. Polk & Co.
	KITCHENS&BATHS	R. L. Polk & Co.
2000	CREATIVE KITCHENS & BATHS	Pacific Bell
	BAY AREA CABINET SUPPLY	Pacific Bell
	CREATIVE KITCHENS & BATHS	Cole Information
	CABINET SUPPLY	Cole Information
1996	CREATIVE KITCHENS & BATHS	PACIFIC BELL DIRECTORY
	BAY AREA CABINET SUPPLY	PACIFIC BELL DIRECTORY
1995	INSPECTION CONSULTANTS INC	Cole Information
1992	LEIGH MAC DEVELOPMENT CO	PACIFIC BELL DIRECTORY
	COVARR EXPRESS	PACIFIC BELL DIRECTORY
1986	PACIFIC MACHINIG	PACIFIC BELL WHITE PAGES
	TECHNOLOGIES	PACIFIC BELL WHITE PAGES
1980	Chesnutt P E Construction Co	Pacific Telephone

3017 TEAGARDEN ST

Year	Uses	Source
2017	DIABLO DESIGN	Cole Information
2014	DIABLO DESIGN	Cole Information
2010	DIABLO DESIGN	Cole Information
2002	FOURSEASONSSOLAR	Haines & Company
	PRDCTSCORP	Haines & Company
	FOUR SEASONS SUN	Haines & Company
	FOURSEASONSSUN	Haines & Company
	SOLAR DESIGN INC	Haines & Company
	FOURSEASONSSOLAR	R. L. Polk & Co.
	PRDCTSCORP FOUR SEASONS SUN	R. L. Polk & Co.
2000	FOUR SEASONS SOLAR PRODUCTS CORP	Pacific Bell
	FOUR SEASONS SUN ROOMS	Pacific Bell
	FOUR SEASONS SUN ROOMS	Cole Information
	FOUR SEASONS SUN ROOMS	Cole Information
	SOLAR DESIGN INCORPORATED	Cole Information

Year	Uses	Source
2000	FOUR SEASONS SOLAR PRODUCTS CORPORATION	Cole Information

3021 TEAGARDEN ST

Year	Uses	Source
2020	YES WE CAN BUILDING SVC	EDR Digital Archive
	TRANS TIME INC	EDR Digital Archive
2014	TRANS TIME INC	Cole Information
2010	TRANS TIME INC	Cole Information
2002	ar CONTLDIA DIAMOND 510 351 190 B	Haines & Company
	PRODUCT INC	Haines & Company
	TEAGARDEN 94577 CONT	Haines & Company
	ar CONTLDIA DIAMOND 510 351 190 B	R. L. Polk & Co.
	PRODUCT INC	R. L. Polk & Co.
	TEAGARDEN 94577 CONT	R. L. Polk & Co.
2000	CONTINENTAL DIA DIAMOND PRODUCT INC	Pacific Bell
	CONTINENTAL DIA DIAMOND PRODUCT INCORPORATED	Cole Information
1996	NATURAL LIGHTING COMPANY THE	PACIFIC BELL DIRECTORY
1995	JORDAN ENTERPRISES	Cole Information
1992	JORDAN ENTERPRISES	PACIFIC BELL DIRECTORY
	JORDAN ENTERPRISES	Cole Information
1991	Jordan Enterprises	PACIFIC BELL WHITE PAGES
	Jordan F M	PACIFIC BELL WHITE PAGES
	Jordan G	PACIFIC BELL WHITE PAGES
1986	Reliant Construction	PACIFIC BELL WHITE PAGES
	STARZ BOUTIQUES CORP	PACIFIC BELL WHITE PAGES
1980	Burdick Corporation The	Pacific Telephone
1975	BURDETTE K	Pacific Telephone

3025 TEAGARDEN ST

Year	Uses	Source
2020	APPLEBY CLEANING & RESTORATION	EDR Digital Archive
2010	HEAVY LUX	Cole Information
2005	WGM WINDOWS GLASS & MIRROR	Cole Information

Year	Uses	Source
2005	KINNAMAN GLASS	Cole Information
2002	APPLEBY CLEANING	Haines & Company
	ANDRSTRTN	Haines & Company
	APPLEBY	Haines & Company
	CLEANING&RESTORAT	Haines & Company
	APPLEBY CLEANING	R. L. Polk & Co.
	ANDRSTRTN APPLEBY	R. L. Polk & Co.
	CLEANING&RESTORAT	R. L. Polk & Co.
2000	APPLEBY CLEANING AND RESTORATION INC	Pacific Bell
	APPLEBY CLEANING AND RESTORATION INCORPORATED	Cole Information
	APPLEBY CLEANING & RESTORATION	Cole Information
1996	APPLEBY CLEANING & RESTORATION	PACIFIC BELL DIRECTORY
	TRIEX GROUP INTERNATIONAL INC	PACIFIC BELL DIRECTORY
1995	APPLEBY SERVICES	Cole Information
1992	APPLEBY SERVICES	PACIFIC BELL DIRECTORY
	TRIEX GROUP INTERNATIONAL INC	PACIFIC BELL DIRECTORY
	APPLEBY SERVICES	Cole Information
1991	Appleby Services	PACIFIC BELL WHITE PAGES
1986	P & H Trading Co Inc	PACIFIC BELL WHITE PAGES

3027 TEAGARDEN ST

Year	Uses	Source
2020	INTRA NET INC	EDR Digital Archive
	1-800-RADIATOR & A/C	EDR Digital Archive
2017	1800RADIATOR	Cole Information

3029 TEAGARDEN ST

Year	Uses	Source
2020	CUSTOM STONE	EDR Digital Archive
2014	PACIFIC HVAC DEPOT	Cole Information
2010	PACIFIC HVAC DEPOT	Cole Information
2002	CRYONICSTRANSTIME	Haines & Company
	TRANS TIME INC	Haines & Company

FINDINGS

Year	Uses	Source
2002	CRYONICSTRANSTIME	R. L. Polk & Co.
	INC TRANS TIME INC	R. L. Polk & Co.
2000	TRANS TIME INC	Pacific Bell
	CRYONICS TRANS TIME INCORPORATED	Cole Information
	TRANS TIME INCORPORATED	Cole Information
1996	MSCS AIR COMPRESSOR SALES & SERVICE	PACIFIC BELL DIRECTORY
1995	MSCS AIR COMPRESSOR SALES	Cole Information
1992	MSCS AIR COMPRESSOR SALES & SERVICE	PACIFIC BELL DIRECTORY
	OMEGA RADIO TELE	Cole Information
1991	Crystal Communications	PACIFIC BELL WHITE PAGES
	Crystal Company The	PACIFIC BELL WHITE PAGES
	Omega Radio Telephone	PACIFIC BELL WHITE PAGES
	Omega Telecom Inc	PACIFIC BELL WHITE PAGES
1986	Metropolitan Presort	PACIFIC BELL WHITE PAGES
	Metropolitan Roofing Co	PACIFIC BELL WHITE PAGES
	CRYSTAL	PACIFIC BELL WHITE PAGES
	COMMUNICATIONS	PACIFIC BELL WHITE PAGES
1980	Area Enterprises Inc	Pacific Telephone
1975	BRON L	Pacific Telephone
	CLASSIC WINES OF CALIFORNIA	Pacific Telephone

3033 TEAGARDEN ST

Year	Uses	Source
2017	E MAX MACHINING	Cole Information
2014	E MAX MACHINING	Cole Information
2010	E MAX MACHINING	Cole Information
2005	E MAX MACHINING	Cole Information
2002	HOMENMACHINING	Haines & Company
	HOMENMACHINING	R. L. Polk & Co.
2000	HOMEN MACHINING	Pacific Bell
	HOMEN MACHINING	Cole Information
1996	HOMEN MACHINING	PACIFIC BELL DIRECTORY

FINDINGS

Year	Uses	Source
1995	HOMEN MACHINING	Cole Information
1992	MACHINING UNLIMITED	PACIFIC BELL DIRECTORY
	HOMEN MACHINING	PACIFIC BELL DIRECTORY
	HOMEN MACHINING	Cole Information
	MACHINING UNLTD	Cole Information
1991	Machining Unlimited	PACIFIC BELL WHITE PAGES
1986	Rudy Pretti Enterprises inc	PACIFIC BELL WHITE PAGES
	RUDY PRETTI	PACIFIC BELL WHITE PAGES
	ENTERPRISES INC	PACIFIC BELL WHITE PAGES
1980	M & M Material Handling Co	Pacific Telephone
1975	MED-EQUIP	Pacific Telephone

3037 TEAGARDEN ST

Year	Uses	Source
2014	GREENWAY FLOORS & MORE INC	Cole Information
2010	CUSTOM STONE	Cole Information
2005	CUSTOM STONE	Cole Information
2002	E MAX MACHINING 510 3 B	Haines & Company
	MACHINING UNLIMITED	Haines & Company
	RUDONS MACHINING	Haines & Company
	MAX MACHINING 510 3 B	R. L. Polk & Co.
	MACHINING UNLIMITED	R. L. Polk & Co.
	RUDONS MACHINING	R. L. Polk & Co.
2000	E-MAX MACHINING	Pacific Bell
	RUDON S MACHINING	Pacific Bell
	E MAX MACHINING	Cole Information
	RUDONS MACHINING	Cole Information
1996	S & T ENTERPRISES	PACIFIC BELL DIRECTORY
	E-MAX MACHINING	PACIFIC BELL DIRECTORY
	RUDON S MACHINING	PACIFIC BELL DIRECTORY
1995	S & T RACING ENTERPRISES	Cole Information
	E MAX MACHINING	Cole Information
	RUDONS MACHINING	Cole Information

Year	Uses	Source
1992	S & T RACING ENTERPRISES	PACIFIC BELL DIRECTORY
	RUDON S MACHINING	PACIFIC BELL DIRECTORY
	S&T RACING ENTPR	Cole Information
	RUDONS MACHINING	Cole Information
1991	Rudons Machining	PACIFIC BELL WHITE PAGES
1986	S &T RACIN G E N TE RPRIS E S	PACIFIC BELL WHITE PAGES
	S & T RACING	PACIFIC BELL WHITE PAGES
	ENTERPRISES	PACIFIC BELL WHITE PAGES
1980	OAKLAND BUSINESS FORMS	Pacific Telephone

3039 TEAGARDEN ST

Year	Uses	Source
2020	GREENWAY FLOORS & MORE INC	EDR Digital Archive
2017	GREENWAY FLOORS & MORE INC	Cole Information
	GREENWAY FLOORS	Cole Information
2005	PORTER CABLE	Cole Information
2002	PORTERCABLE	Haines & Company
	PORTERCABLE	R. L. Polk & Co.
2000	PORTER-CABLE	Pacific Bell
	PORTER CABLE POWR TOOLS	Cole Information
1996	PORTER-CABLE	PACIFIC BELL DIRECTORY
1995	PORTER CABLE CORP	Cole Information
1992	PORTER-CABLE	PACIFIC BELL DIRECTORY
	PORTER CABLE	Cole Information
1991	Porter Cable pawr tools	PACIFIC BELL WHITE PAGES
	Porter Carl F	PACIFIC BELL WHITE PAGES
	Porter Carl F	PACIFIC BELL WHITE PAGES
1986	PORTER-CABLE	PACIFIC BELL WHITE PAGES
	Porter Cable	PACIFIC BELL WHITE PAGES
	Porter Carl F	PACIFIC BELL WHITE PAGES
1980	Pow er Tool Division Service	Pacific Telephone

FINDINGS

3041 TEAGARDEN ST

Year	Uses	Source
2020	SEMAJ INC	EDR Digital Archive
	STANLEY STEEMER CARPET CLEANER	EDR Digital Archive
2017	STANLEY STEEMER	Cole Information
2014	STANLEY STEEMER	Cole Information
2010	STANLEY STEEMER CARPET CLEANER	Cole Information
2005	FARMER BROTHERS	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1995	CUSTOM COFFEE PLAN	Cole Information
1992	CUSTOM COFFEE PLAN	PACIFIC BELL DIRECTORY
	CUSTOM COFFEE PLAN	Cole Information
1991	Custom Coffee Plan	PACIFIC BELL WHITE PAGES
1982	SLEEK EQUIPMENT SAN LEANDRO	Pacific Telephone
1980	Fleet Equipment Inc	Pacific Telephone

3045 TEAGARDEN ST

Year	Uses	Source
2020	JOSEPH ELECTRONICS	EDR Digital Archive
2010	JOSEPH ELECTRONICS	Cole Information
2005	QUALITY HOUSE INC	Cole Information
2002	QUALIY MOUSEINC	Haines & Company
	QUALIY MOUSEINC	R. L. Polk & Co.
2000	QUALITY HOUSE INC	Pacific Bell
	QUALITY HOUSE INCORPORATED	Cole Information
1996	PENN PAPER CO	PACIFIC BELL DIRECTORY
1995	PENN PAPER CO	Cole Information
1992	PENN PAPER CO	PACIFIC BELL DIRECTORY
	ESSTEK	Cole Information
1986	Kontes Glass Co	PACIFIC BELL WHITE PAGES
	Kontes Of California	PACIFIC BELL WHITE PAGES
	Kontilis Jay & Sandra	PACIFIC BELL WHITE PAGES
	KONTES GLASS CO	PACIFIC BELL WHITE PAGES

Year	Uses	Source
1980	Kontes Glass Co	Pacific Telephone
	Kontes Of California	Pacific Telephone
1975	KONTES GLASS CO	Pacific Telephone

3047 TEAGARDEN ST

Year	Uses	Source
2020	FELLERS	EDR Digital Archive
	NEW STAR INTL	EDR Digital Archive
2017	FELLERS	Cole Information
2014	FELLERS	Cole Information
2010	SWIFT COURIER SVC	Cole Information
2005	OAKHILL LOGISTICS	Cole Information
2002	ANDANTINI	Haines & Company
	INTERNATIONAL	Haines & Company
	ANDANTINI	R. L. Polk & Co.
	INTERNATIONAL	R. L. Polk & Co.
2000	ANDANTINI INTERNATIONAL	Pacific Bell
	ANDANTINI INTERNATIONAL	Cole Information
1996	ANDANTINI INTERNATIONAL	PACIFIC BELL DIRECTORY
1992	ANDANTINI INTERNATIONAL	PACIFIC BELL DIRECTORY
	ANDANTINI INTERNATL	Cole Information
1980	Lincoln Engineering Co Of Calif	Pacific Telephone
1975	LINCOLN ENGINEERING CO OF CALIF	Pacific Telephone

3050 TEAGARDEN ST

Year	Uses	Source
2017	FEDEX	Cole Information
2014	FEDEX FREIGHT	Cole Information
	UPS	Cole Information
2010	UPS FREIGHT	Cole Information
2005	FEDEX FREIGHT WEST	Cole Information
2002	DUNITZGerald	Haines & Company
	VIKING FREIGHTINC	Haines & Company
	VIKI NGFREIGHTSYST	Haines & Company

FINDINGS

Year	Uses	Source
2002	VIKING FREIGHT	Haines & Company
	SYSTEM INC	Haines & Company
	DUNITZGerald	R. L. Polk & Co.
	VIKING FREIGHTINC	R. L. Polk & Co.
	VIKI NGFREIGHTSYST	R. L. Polk & Co.
	VIKING FREIGHT	R. L. Polk & Co.
	SYSTEM INC	R. L. Polk & Co.
2000	VIKING FREIGHT INC	Pacific Bell
	VIKING FREIGHT SYSTEM INC	Pacific Bell
	VIKING FREIGHT INCORPORATED	Cole Information
	VIKING FREIGHT SYSTEM INCORPORATED	Cole Information
1996	VIKING FREIGHT SYSTEM INC	PACIFIC BELL DIRECTORY
	VIKING FREIGHT SYSTEM INC	PACIFIC BELL DIRECTORY
1995	VIKING FREIGHT INC	Cole Information
1992	VIKING FREIGHT SYSTEM INC	PACIFIC BELL DIRECTORY
	VIKING FREIGHT SYSTEM INC	PACIFIC BELL DIRECTORY
	SMISER FREIGHT SERV	Cole Information
	A&D TRANSPORTATION	Cole Information
	ANDERSON&SONS TRCKG	Cole Information
	VIKING FRGT SYS INC	Cole Information
1991	A & D Transportation	PACIFIC BELL WHITE PAGES
	A & D Transportation	PACIFIC BELL WHITE PAGES
	Anderson & Sons Trucking Inc	PACIFIC BELL WHITE PAGES
1986	BROWN TRANSPORT CORP	Pacific Bell
	Brown Transport Corp	PACIFIC BELL WHITE PAGES
	Brown Travis R	PACIFIC BELL WHITE PAGES
	BROWN TRANSPORT CORP	PACIFIC BELL WHITE PAGES
	A & D TRANSPORTATION	PACIFIC BELL WHITE PAGES
	VIKING FREIGHT SYSTEMS	PACIFIC BELL WHITE PAGES
1982	IML FREIGHT INC SAN LEANDRO	Pacific Telephone
1980	IML Freight Inc Office	Pacific Telephone
1975	IML FREIGHT INC	Pacific Telephone

Year	Uses	Source
1970	IML FREIGHT INC OFFICE SAN LEANDRO	Pacific Telephone Directory

3051 TEAGARDEN ST

Year	Uses	Source
2020	KENNEL BOXING GYM THE LLC	EDR Digital Archive
2017	THE KENNEL BOXING GYM LLC	Cole Information
2014	KENNEL BOXING GYM THE LLC	Cole Information
2010	DURUCON	Cole Information
2005	PROSOURCE OF OAKLAND	Cole Information
2002	PRO SOURCE	Haines & Company
	WHOLESALE FLR	Haines & Company
	CVRNG	Haines & Company
	PRO SOURCE	R. L. Polk & Co.
	WHOLESALE FLR	R. L. Polk & Co.
	CVRNG	R. L. Polk & Co.
2000	PRO-SOURCE WHOLESALE FLOOR COVERING	Pacific Bell
	PRO SOURCE WHOLESALE FLOOR COVERING	Cole Information
1996	PACIFIC PACKAGING SYSTEMS	PACIFIC BELL DIRECTORY
1995	PACIFIC PACKAGING SYSTEMS	Cole Information
1992	CHINA MFG DEVELOPMENT INC	PACIFIC BELL DIRECTORY
	CHINA MFG DEVLP INC	Cole Information
1991	From Sacramento Telephones Call	PACIFIC BELL WHITE PAGES
1986	AMPE CO	PACIFIC BELL WHITE PAGES
	AMPECO	PACIFIC BELL WHITE PAGES
1980	ACE METER CO	Pacific Telephone
1975	MIRACLE ADHESIVES CORP	Pacific Telephone

3053 TEAGARDEN ST

Year	Uses	Source
2020	PRO COLORFLEX INK CORP	EDR Digital Archive
2005	VICTOIRE FRENCH AMERICAN WN	Cole Information
2002	ARMEXOPTICALCO	Haines & Company
	ARMEXOPTICALCO	R. L. Polk & Co.

Year	Uses	Source
2000	ARMEX OPTICAL CO	Pacific Bell
	ARMEX OPTICAL COMPANY	Cole Information
1996	ARMEX OPTICAL CO	PACIFIC BELL DIRECTORY
1995	ARMEX OPTICAL CO	Cole Information
1992	ARMEX OPTICAL CO	PACIFIC BELL DIRECTORY
	ARMEX OPTICAL CO	Cole Information
1986	ETHEL M CHOCOLATES INC	PACIFIC BELL WHITE PAGES
	California Trends Inc	PACIFIC BELL WHITE PAGES
	Supertrends Inc	PACIFIC BELL WHITE PAGES
1982	BRENEMAN INC SAN LEANDRO	Pacific Telephone
1980	Breneman Inc	Pacific Telephone
1979	BRENEMAN INC	Pacific Telephone
1976	BRENEMANINC	R. L. Polk & Co.
1975	BRENEMUN INC	Pacific Telephone

3055 TEAGARDEN ST

Year	Uses	Source
2020	HENAN ARTEX AMERICAN CORP	EDR Digital Archive
	JIAN GUO	EDR Digital Archive
	RUI GUO	EDR Digital Archive
2017	HENAN ARTEX AMERICAN CORPORATION	Cole Information
2014	HENAN ARTEX AMERICAN CORPORATION	Cole Information
2010	HENAN ARTEX AMERICAN CORP	Cole Information
2005	AERIS	Cole Information
	AERIS ENTERPRISES	Cole Information
2002	TANKB 8 EQUIPMENT	Haines & Company
	TANKB 8 EQUIPMENT	R. L. Polk & Co.
2000	ACE TANK & EQUIPMENT	Pacific Bell
	ACE TANK & EQUIPMENT	Cole Information
1996	ACE TANK & EQUIPMENT	PACIFIC BELL DIRECTORY
1986	United Sound Systems	PACIFIC BELL WHITE PAGES
	UNITED SOUND SYSTEMS	PACIFIC BELL WHITE PAGES
1980	Le Febure Corporation	Pacific Telephone

Year	Uses	Source
1975	LE FEBURE CORPORATION	Pacific Telephone

3057 TEAGARDEN ST

Year	Uses	Source
2020	VORTEX DOORS	EDR Digital Archive
	STAGE 7 INC	EDR Digital Archive
2017	CABINET WORKS CO	Cole Information
2014	CABINET WORKS CO	Cole Information
2010	VORTEX INDUSTRIES	Cole Information
2002	XXXX	Haines & Company
	XXXX	R. L. Polk & Co.
1995	CRANE SERVICES	Cole Information
1992	CRANE SERVICES	PACIFIC BELL DIRECTORY
	CRANE SERVICE CORP	Cole Information
	CA CRANE REPAIR	Cole Information
1991	California Crane Repair	PACIFIC BELL WHITE PAGES
	Crane Services	PACIFIC BELL WHITE PAGES
	Crane T	PACIFIC BELL WHITE PAGES
1986	Crane Service Corp	PACIFIC BELL WHITE PAGES
	CRANE SERVICE CORP	PACIFIC BELL WHITE PAGES
1980	Crane Service Corp	Pacific Telephone

3073 TEAGARDEN ST

Year	Uses	Source
2020	G 4S	EDR Digital Archive
	G 4 S TECHNOLOGY LP	EDR Digital Archive
2017	G 4 S TECHNOLOGY LP	Cole Information
2014	G 4 S TECHNOLOGY LP	Cole Information
2010	ADESTA	Cole Information
2005	JUPITER SYSTEMS INC	Cole Information
2002	JUPITER SYSTEMS	Haines & Company
	JUPITER SYSTEMS	R. L. Polk & Co.
2000	JUPITER SYSTEMS	Pacific Bell
	JUPITER SYSTEMS	Cole Information

FINDINGS

Year	Uses	Source
1996	JUPITER SYSTEMS	PACIFIC BELL DIRECTORY
1995	DATAMEDIC	Cole Information
1980	TRW Customer Service Division	Pacific Telephone

3081 TEAGARDEN ST

Year	Uses	Source
2020	TAKHAR LIVNEET K	EDR Digital Archive
	SIM GLORIA H NP	EDR Digital Archive
	DAVIS STREET PRIMARY CARE CLNC	EDR Digital Archive
	MARIN COMMUNITY CLINIC	EDR Digital Archive
	BRADFORD ROSHAWNDA L	EDR Digital Archive
	BECERRA OSCAR DAVID MD	EDR Digital Archive
	WELLS ERIC D MD	EDR Digital Archive
	NAZARI RAMAN E DDS	EDR Digital Archive
	JACOBS DEVONNA	EDR Digital Archive
	BECHERE KRISTIN A	EDR Digital Archive
	COATS GERALD O MD	EDR Digital Archive
	BATCHELDER ASHLEY S	EDR Digital Archive
	DAVIS STREET PRIMARY CARE	EDR Digital Archive
	MEI KRYSTIE	EDR Digital Archive
	PEACEMAKERS INC	EDR Digital Archive

3089 TEAGARDEN ST

Year	Uses	Source
2020	NUG WELLNESS	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
2800 Alvarado	2020, 2017, 2014, 2010, 2006, 2005, 2002, 1995, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2800 Alvarado Street	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2900 Teagarden Street	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2950 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2952 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2953 TEAGARDEN ST	2020, 2006, 1993, 1991, 1984, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2954 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2954 TEAGARDEN ST	2020, 2006, 2005, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2956 TEAGARDEN ST	2020, 2006, 2005, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2957 TEAGARDEN ST	2020, 2006, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2958 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2959 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2960 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2960 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2962 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2964 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2964 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2002, 1995, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2966 TEAGARDEN ST	2020, 2017, 2014, 2006, 2002, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2968 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2968 TEAGARDEN ST	2020, 2010, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2970 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 1996, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2971 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2972 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2972 TEAGARDEN ST	2020, 2006, 1995, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2973 TEAGARDEN ST	2020, 2017, 2006, 1996, 1993, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2974 TEAGARDEN ST	2020, 2017, 2014, 2006, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2975 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2002, 1996, 1995, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2976 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2976 TEAGARDEN ST	2020, 2010, 2006, 2005, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2978 TEAGARDEN ST	2010, 2006, 1995, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2980 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1993, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2982 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 1996, 1995, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2984 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2984 TEAGARDEN ST	2020, 2006, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2986 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2986 TEAGARDEN ST	2020, 2010, 2006, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2988 TEAGARDEN ST	2020, 2017, 2006, 2005, 2000, 1993, 1984, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2990 TEAGARDEN ST	2020, 2010, 2006, 1993, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2992 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2992 TEAGARDEN ST	2020, 2006, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2993 TEAGARDEN ST	2020, 2006, 1995, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2994 TEAGARDEN ST	2020, 2010, 2006, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2995 TEAGARDEN ST	2020, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2996 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2996 TEAGARDEN ST	2020, 2006, 2002, 2000, 1996, 1995, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2997 TEAGARDEN ST	2020, 2010, 2006, 1993, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2998 TEAGARDEN ST	2020, 2017, 2014, 2006, 2000, 1995, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
2999 TEAGARDEN ST	2020, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3000 ALVARADO	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3000 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1973, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3004 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3006 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3007 TEAGARDEN ST	2020, 2006, 1996, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3011 TEAGARDEN ST	2020, 2006, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3012 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3013 TEAGARDEN ST	2020, 2017, 2014, 2010, 2006, 1993, 1984, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3015 TEAGARDEN ST	2020, 2006, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3016 ALVARADO CT	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3016 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3017 TEAGARDEN ST	2020, 2006, 2005, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3018 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 1995, 1993, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3020 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3021 TEAGARDEN ST	2017, 2006, 2005, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3025 TEAGARDEN ST	2017, 2014, 2006, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3027 TEAGARDEN ST	2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3029 TEAGARDEN ST	2017, 2006, 2005, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3033 TEAGARDEN ST	2020, 2006, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3037 TEAGARDEN ST	2020, 2017, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3039 TEAGARDEN ST	2014, 2010, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3041 TEAGARDEN ST	2006, 2000, 1996, 1993, 1986, 1984, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3044 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3045 TEAGARDEN ST	2017, 2014, 2006, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3047 TEAGARDEN ST	2006, 1995, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3050 TEAGARDEN ST	2020, 2006, 1993, 1984, 1979, 1976, 1973, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3051 TEAGARDEN ST	2006, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3053 TEAGARDEN ST	2017, 2014, 2010, 2006, 1993, 1991, 1984, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3055 TEAGARDEN ST	2006, 1995, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3057 TEAGARDEN ST	2006, 2005, 2000, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3073 TEAGARDEN ST	2006, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3075 ALVARADO CT	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3075 ALVARADO ST	2020, 2017, 2014, 2006, 2005, 1993, 1984, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3081 TEAGARDEN ST	2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3084 ALVARADO ST	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3089 TEAGARDEN ST	2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3188 ALVARADO ST	2020, 2017, 2014, 2006, 2005, 2002, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3401 FIGUEROA DR	2006, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3405 MONTEREY BLVD	2010, 2006, 1993, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3405 MONTEREY CIR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3409 FIGUEROA DR	2006, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3416 MONTEREY BLVD	2006, 1996, 1993, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3416 MONTEREY CIR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3416 MONTEREY DR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3421 MONTEREY BLVD	2017, 2006, 1996, 1993, 1992, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3421 MONTEREY CIR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3423 FIGUEROA DR	2006, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3428 MONTEREY BLVD	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3435 FIGUEROA DR	2010, 2006, 2005, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3439 MONTEREY BLVD	2006, 2005, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3439 MONTEREY CIR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
3441 FIGUEROA DR	2010, 2006, 2002, 1996, 1995, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
842 FIGUEROA DR	2020, 2017, 2014, 2010, 2006, 2005, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
868 FIGUEROA DR	2006, 1996, 1995, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
875 FIGUEROA DR	2006, 1996, 1995, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
883 FIGUEROA DR	2017, 2006, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
897 FIGUEROA DR	2014, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
901 FIGUEROA DR	2006, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
923 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
927 FIGUEROA DR	2020, 2006, 2002, 1996, 1993, 1991, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
930 FIGUEROA DR	2017, 2006, 2005, 2002, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
934 PORTOLA DR	2006, 2005, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
935 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
937 PORTOLA DR	2006, 2005, 1995, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
938 FIGUEROA DR	2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
939 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
942 FIGUEROA DR	2006, 2002, 1996, 1993, 1992, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
943 FIGUEROA DR	2006, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
945 PORTOLA DR	2006, 1993, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
946 PORTOLA DR	2006, 2005, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
949 PORTOLA DR	2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
950 PORTOLA DR	2006, 2005, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
950 PORTULA DR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
951 FIGUEROA DR	2006, 1996, 1993, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
951 PORTOLA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
956 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1962, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
957 FIGUEROA DR	2006, 1993, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
963 PORTOLA DR	2006, 1995, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
964 FIGUEROA DR	2017, 2006, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
965 FIGUEROA DR	2006, 2005, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
966 FIGUEROA DR	2006, 2000, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
966 PORTOLA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
969 FIGUEROA DR	2006, 2000, 1996, 1993, 1992, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
970 FIGUEROA DR	2006, 1993, 1991, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
973 FIGUEROA DR	2006, 2005, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
975 PORTOLA DR	2006, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
977 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
978 FIGUEROA DR	2017, 2006, 1996, 1993, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
978 PORTOLA DR	2014, 2006, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
981 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1984, 1982, 1979, 1976, 1975, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
981 PORTOLA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
982 PORTOLA DR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 2000, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
984 FIGUEROA DR	2020, 2017, 2014, 2010, 2006, 2005, 2002, 1996, 1995, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1975, 1973, 1970, 1967, 1965, 1962, 1960, 1959, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
997 PORTOLA DR	2006, 1993, 1984, 1982, 1979, 1976, 1973, 1970, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920
999 FIGUEROA DR	2006, 1996, 1993, 1992, 1991, 1986, 1984, 1982, 1980, 1979, 1976, 1973, 1967, 1960, 1956, 1955, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
3199 Alvarado Avenue	2006, 1993, 1984, 1973, 1967, 1960, 1956, 1954, 1951, 1950, 1946, 1945, 1943, 1940, 1938, 1933, 1932, 1928, 1926, 1925, 1920

APPENDIX C.4

HISTORICAL FIRE INSURANCE MAPS

3199 Alvarado Avenue

3199 Alvarado Avenue

San Leandro, CA 94578

Inquiry Number: 7832581.3

November 25, 2024

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/25/24

Site Name:

3199 Alvarado Avenue
3199 Alvarado Avenue
San Leandro, CA 94578
EDR Inquiry # 7832581.3

Client Name:

Ramboll Americas Engineering Solutions,
1111 Broadway; Suite 1400
Oakland, CA 94607
Contact: Jodi Vanneman

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ramboll Americas Engineering Solutions, Inc. 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 # 7900-446E-B153

PO # TBD

Project NA

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 #: 7900-446E-B153

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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APPENDIX D

KEY ENVIRONMENTAL DOCUMENTATION

March 16, 1999

Prepared for:

Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton, Florida 33487-1613

COPY

by:

ATC ASSOCIATES INC.
17321 Irvine Boulevard
Tustin, California 92780
(714) 734-0303

ENVIRONMENTAL SITE ASSESSMENT
LEVITZ FURNITURE
LOCATED AT 3199 ALVARADO STREET
IN SAN LEANDRO, CALIFORNIA

Andy Shimizu
Staff Scientist

Janet Holtz, REA
Senior Project Manager

ATC Indianapolis Project No. 15477.0003 Task 14
ATC Tustin Project No. 90742.9110-14

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ENVIRONMENTAL SITE ASSESSMENT
LEVITZ FURNITURE
LOCATED AT
3199 ALVARADO STREET
IN SAN LEANDRO, CALIFORNIA

1.0 INTRODUCTION

This report summarizes the results of an environmental site assessment (ESA) conducted for the Levitz Furniture facility located at 3199 Alvarado Street (site) in San Leandro, Alameda County, California (Figure 1). The assessment was conducted by ATC Associates Inc. (ATC) in response to the request and authorization of Mr. Chris Bartzokis with the Levitz Furniture Corporation and in general accordance with the contract dated February 11, 1999, between the Levitz Furniture Corporation and ATC.

2.0 OBJECTIVE

The objective of the assessment described in this report was to identify to the extent feasible pursuant to the processes prescribed herein, the presence of Recognized Environmental Conditions (RECs) as defined in the American Society of Testing and Materials (ASTM) Standard E 1527-97.

3.0 SCOPE

The scope of services used to meet the objective was in general accordance with ASTM Standard E 1527-97 and included review of the following readily available information sources:

- Task 1: Site and Site Vicinity
  - Discussions with personnel familiar with the site facility and review of site facility drawings;
  - A site reconnaissance to look for evidence of present and/or past operations that use or may have used potentially hazardous materials; and
  - A site vicinity reconnaissance to compile a list of companies/businesses in the immediate site vicinity that are reported to use, or appear to use or produce, hazardous substances that in our judgment may impact the site.

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used here to mean the effect or result of a release of a hazardous substance that could be judged an REC.

5.0 SITE REVIEW

The following terms are used in this report:

- "Site" refers to the property within the approximate boundaries shown in Figures 1 and 2 and described in Subsection 5.1;
- "Immediate site vicinity" refers to properties immediately adjacent to the site that share a common boundary with the site; and
- "Site vicinity" refers to the area within approximately a 1-mile radius of the site.

5.1 Site Setting

The site comprises approximately 14.9 acres of land developed with a 250,520 square foot building currently occupied by a furniture sales showroom and warehouse and paved parking areas (Figure 2). The site is located south of the intersection of Teagarden Street and Alvarado Street in San Leandro, California. Several multi-tenant commercial buildings are located north of the site, Alvarado Street with commercial buildings beyond is located immediately east of the site, single-family residences are located south of the site, and the Nimitz Freeway (Highway 880) is located west of the site. The site is located at an elevation between approximately 25 and 30 feet above mean sea level. Site boundary information was obtained from Mr. Ron Hill of the Levitz Furniture Corporation and during the site reconnaissance conducted by ATC. Mr. Hill was not certain when the building was constructed, but indicated that he believed the building was originally utilized by a supermarket.

5.2 Site and Site Vicinity Reconnaissance

5.2.1 Site Reconnaissance - A site reconnaissance was conducted on February 23, 1999, by personnel from ATC Associates Inc. Color photographs of the site are presented in Figure 3. At the time of the site reconnaissance, the site was developed with a furniture showroom/warehouse building and paved parking areas.

Potentially hazardous materials observed on-site appeared to be limited to small quantities (5-gallon or smaller containers) of cleaning supplies and general maintenance products such as paints and varnishes. These materials were observed in a small janitorial closet in the showroom area and in flammable materials cabinets in the warehouse area. All potentially hazardous materials observed on site appeared to be stored in a neat and orderly manner in flammable materials cabinets. In addition, one air compressor was observed in the shop area of the warehouse and two 1-gallon containers of refrigeration oil were observed near a heating, ventilating and air conditioning unit (HVAC) unit on the south side of the warehouse. No

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evidence of spills or releases or significant staining was observed on the concrete floor in these areas.

No evidence of stressed vegetation was observed at the site. During a review of building plans for the site provided to ATC by Levitz (Werner S. Stroch & Associates, 1971), placement of a gasoline UST adjacent to the northeast corner of the site building was identified, as well as the proposed abandonment of a water well on the western portion of the site. During the site reconnaissance, the area where the proposed UST was depicted was observed to be paved with asphalt. No evidence of underground storage tanks (i.e. fill ports or vent risers) or groundwater monitoring wells were observed on-site. Mr. Hill did not have any further knowledge of the UST on the plans and the site was not listed in any regulatory databases or at any regulatory agencies. The former water well was observed adjacent to a fire hydrant in the parking area on the west side of the site. The water well appeared to have been plugged, however, the well had not been abandoned flush with the ground surface. The top of the well was identified by a circular steel casing.

Numerous municipal debris were observed on the western portion of the site parking lot near a covered loading dock area. Debris included sinks, toilets, metal shelving, wood scraps, several containers labeled to contain paint ranging in size from 1-pint to 5-gallons, and one 55-gallon drum labeled to contain Spray Kote stored on a wood pallet.

A railroad spur is located on the southeast corner of the site and extends into the southeast corner of the warehouse. This area is currently utilized as storage space.

Potable water is provided to the site by the East Bay Municipal Utilities District (East Bay MUD) and sewer and storm drains are maintained by the City of San Leandro.

One pad-mounted electrical transformer was observed at the site. The transformer was not labeled with regard to PCB content. The transformer is owned and operated by Pacific Gas & Electric (PG&E). PG&E has maintained in the past that none of their system equipment contains PCBs. The transformer appeared to be in good condition with no evidence of spills and/or releases of fluid.

A visual asbestos survey of readily accessible building finish materials, not including the collection of samples for analysis, was conducted by ATC as part of our site visit. Suspected asbestos containing materials (ACMs) were evaluated for the presence of damage.

An asbestos survey typically includes a review of building plans and specifications to evaluate the type of construction used and the materials specified. However, detailed building plans and drawings were not readily available for review at the time of the survey. Therefore, ATC relied on visual observations, past experiences and professional judgment in the selection of materials judged to potentially contain asbestos. In general accordance with the aforementioned scope of work, material which could potentially contain asbestos was surveyed. The materials observed at the site included; wallboard, joint tape and taping

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compound, acoustical drop ceiling panels, flooring materials and their associated mastics, and covebase and its associated mastic. No structural fire proofing or insulated piping was observed during the survey. The above-mentioned materials were observed to be in a generally undamaged condition in the showroom at the time of this survey. However, evidence of localized damage to wallboard was observed in the warehouse areas of the building.

5.2.2 Site Vicinity Reconnaissance - A site vicinity reconnaissance was conducted by personnel from ATC Associates Inc. on February 23, 1999. Properties surrounding the site were observed to be developed for commercial and residential purposes. Several multi-tenant commercial buildings are located north of the site, Alvarado Street with commercial buildings beyond is located immediately east of the site, single-family residences are located south of the site, and the Nimitz Freeway (Highway 880) is located west of the site.

5.3 Hydrogeologic Setting

The subject site is located in the central coastal area of California, on the eastern side of San Francisco Bay. The lithology beneath the site is described as Recent Alluvium, which includes artificial fill, bay mud and salt marsh deposits (Department of Natural Resources, 1961).

The City of San Leandro Engineering Department was not able to provide depth to groundwater nor groundwater gradient information. However, based on the surface topography, the anticipated direction of groundwater flow is to the west, towards San Francisco Bay. Based on the elevation of the site (approximately 25-30 feet above sea level), the estimated depth to groundwater in the site vicinity is approximately 25-30 feet below ground surface (BGS). However, actual local groundwater depth and flow direction can vary greatly over short distances and can be influenced by additional factors such as underground structures, seasonal fluctuations, and soil and bedrock geology.

6.0 HISTORICAL REVIEW

6.1 Permits

Building permits for the site were reviewed at the City of San Leandro Community Development Department. The earliest permit for the site was an electrical permit for Baymart dated August 5, 1965. Various tenant improvements, including a proposed building expansion (to 150,000 square feet) were identified covering the years 1965-1993. Based on a review of building documents, it appears that the western portion of the site was constructed in the late 1950's or early 1960's. In approximately 1971, it appears that the eastern portion of the building was constructed to form the current site configuration.

The site is located in Zone C, an area of minimal flooding, according to the Federal Emergency Management Agency (FEMA) map for the City of San Leandro dated March 18, 1980 (Community Panel Number 060013 003B). The zoning designation for the site is IG - Industrial General.

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6.2 Sanborn Fire Insurance Maps

A search for Sanborn Fire Insurance Maps for the site and immediate site vicinity was conducted through Environmental Date Resources, Inc. (EDR). No Sanborn Maps were identified. Search documentation is included in Appendix B.

6.3 Aerial Photographs

Aerial photographs of the site and vicinity were obtained from EDR covering the years 1939, 1946, 1968, 1977, and 1989.

Obvious indicators of potential sources of hazardous waste from land use, such as apparent aboveground tank areas, ponds, pits, sumps, landfills, and heavy-industry or oil-field-related developments, were not observed at the site.

The 1939 and 1946 aerial photographs depicted the site and surrounding area as agricultural land. The Nimitz Freeway was not depicted on either of the photographs.

In the photograph dated 1968, a large warehouse was interpreted on the western portion of the site and a smaller rectangular-shaped structure was interpreted on the northeast corner of the site. Driveways/parking areas were interpreted on the north, east, south, and west sides of the site. Agricultural land was depicted north of the site, Alvarado Street with a large parking lot beyond was depicted east of the site, single-family residences were depicted south of the site, and the Nimitz Freeway (Highway 880) with single-family residences beyond was depicted west of the site.

The 1977 and 1989 photographs depicted a building on the western portion of the site. The building depicted on the 1968 aerial photograph had been expanded on the east side of the building. The structure on the northeast corner of the site was no longer present. Driveways/parking areas were interpreted on the north, east, south, and west sides of the site. Four buildings interpreted as warehouse/multi-tenant spaces were interpreted north of the site, Alvarado Street with a large parking lot beyond was depicted to the east (a building had been constructed in the parking lot on the 1989 photograph), single-family residences were depicted south of the site, and the Nimitz Freeway (Highway 880) was depicted west of the site.

6.4 City Directories

ATC received historical city directories from EDR. Sources utilized included Polk City Directory (1951 and 1959), and Haines City Directory (1977, 1983, 1988, 1993, and 1998). Appendix A presents the city directory abstract that was provided by EDR and is the basis for the following information.

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7.9.1 Permitted USTs: Distance Searched - Site and Immediate Site Vicinity - Information from SWRCB regarding registered USTs indicated that no UST-listed facilities are located in the immediate site vicinity.

7.9.2 UST Releases (LUST): Distance Searched - 0.5 mile - The RWQCB, SWRCB and the Alameda County Department of Environmental Health Services (DEH) maintain records of facilities currently involved in site assessment/mitigation resulting from reported spills or releases from USTs. According to the EDR report, 21 LUST-listed facilities are located within the search area; none of which is located in the immediate site vicinity.

Five LUST facilities are located potentially upgradient from the site. The nearest potentially upgradient facility is Amaral Sausage (735 Fremont Ave.), located approximately 0.23 mile east of, and potentially upgradient from the site. The EDR report lists a case type of soil only.

7.10 Oil and Gas

Distance Searched - 0.5 mile - A review of Publication No. TR01, Oil & Gas Prospect Wells Drilled in California (CADOG) indicated that the site is not located in an oil field and that there are no oil or gas wells located within one mile of the site (CADOG, 1982).

7.11 Local Regulatory Agency Files

Alameda County Environmental Health Services Division (EHS)

ATC requested available file information regarding the site from the EHS. According to Ms. Erlene Coleman-Ali, no files for the site address were identified. Ms. Coleman-Ali recommended contacting the East Bay MUD and the Alameda County Fire Department.

East Bay Municipal Utilities District (East Bay MUD)

ATC requested available file information regarding the site from the East Bay MUD. According to Ms. Cynthia Adrisson, Environmental Compliance Officer, the East Bay MUD does not maintain LUST or environmental investigation files.

Alameda County Fire Department (FD)

ATC requested available file information regarding hazardous materials, USTs and related issues from the FD. According to FD file information, no current UST files were identified. However, a permit for the installation of three 9,980-gallon gasoline USTs and one 550-gallon waste oil UST by Consumers Mart Co., dated July 18, 1962 was identified. A hand-drawn sketch on a permit dated April 22, 1963, indicated that the USTs belonged to a service station on the northeast corner of the site maintained by Consumers Mart Co. A permit dated April 12, 1971, indicated that All Bay Cities was scheduled to remove the four USTs from the site.

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- We have performed a Phase I Environmental Site Assessment in conformance with the scope of work and limitations of ASTM Standard E 1527-97 for the Levitz Furniture facility located at 3199 Alvarado Street in San Leandro, California. Any exceptions to or deletions from this practice are described in Section 4.0 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the site, with the exception of the following:

  - A service station was formerly located on the northeast corner of the site from approximately 1962 until 1971. Records reviewed at local regulatory agencies could not verify the removal of the USTs, however, the site was not listed as a LUST facility;

  - A review of building plans for the site building identified plans for the installation of a gasoline UST adjacent to the northeast corner of the site building. Records reviewed at local regulatory agencies could not verify if the UST was installed; and

  - Localized damage to wallboard was observed in the warehouse area.

10.0 RECOMMENDATIONS

Based on the information obtained during this assessment, current regulatory guidelines, and the judgment of ATC, the following recommendations have been made:

- If a higher level of confidence is required regarding the removal of the four USTs associated with the former service station located on the northeast corner of the site, and the proposed gasoline UST located adjacent to the northeast corner of the site building reviewed on building plans, ATC recommends a geophysical survey be conducted at the site to assess whether historical subsurface features (i.e. former USTs, dispenser lines, etc.) are present at the site. Based on the results of this investigation, a subsurface soil sampling investigation may be warranted; and

- Based on the date of building construction (late 1950s and 1971), if building renovations or demolition activities are to occur, an asbestos survey should be performed.

This assessment was performed on behalf of and solely for the Client. No other company, entity, or person shall have any rights with regard to ATC's contract with the above client, including but not limited to indemnification by ATC, or any rights of reliance on the findings, conclusions and recommendations of this pr any subsequent reports regarding the referred site.

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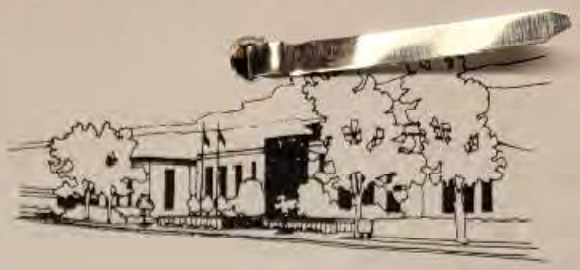
City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577



November 22, 1999

Chris Bartzokis
Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton FL 33487-1613

Dear Mr. Bartzokis:

Notice of No Further Action Required – Levitz Furniture Site
3199 Alvarado Street, San Leandro CA

This letter confirms the completion of subsurface investigation and characterization for the underground storage tank operation formerly located at the above-mentioned site. Thank you for your cooperation and promptness throughout this investigation.

Based on the subsurface investigation data and information in the site file, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action is required related to the former underground storage tanks.

If you have any questions, please call Tiffany Treece, Environmental Protection Specialist at (510) 577-6031.

Sincerely,

Michael Bakaldin
Environmental Services Manager

cc: Drew Van Allen, ATC Associates

Sheila Young, Mayor
City Council: Gordon A. Galvan; Garry A. Loeffler; Bob Glaze; Joanne M. Lothrop; Surlene G. Grant; Glenda Nardine

ATC ASSOCIATES INC.
1117 Lone Palm Avenue
Suite B
Modesto, CA 95351
209.579.2221
Fax 209.579.2225

November 16, 1999

Prepared for:

Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton, Florida 33487-1613

ADDITIONAL SUBSURFACE INVESTIGATION FOR THE LEVITZ FURNITURE LOCATED IN SAN LEANDRO, CALIFORNIA

by:

ATC ASSOCIATES INC.
1117 Lone Palm, Suite B
Modesto, California 95351
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Drew Van Allen
Project Manager, REA

Jeanne Homsey, P.E.
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Branch Manager

REGISTERED PROFESSIONAL ENGINEER
JEANNE HOMSEY
No. C047410
Exp. 12/99
CIVIL
STATE OF CALIFORNIA

ATC Project No. 15477.5402

ATC ASSOCIATES INC

ADDITIONAL SUBSURFACE INVESTIGATION FOR THE LEVITZ FURNITURE LOCATED IN SAN LEANDRO, CALIFORNIA

1.0 INTRODUCTION

This report presents the results of an additional subsurface soil investigation conducted by ATC Associates Inc. (ATC) at the Levitz Furniture facility located at 3199 Alvarado Street (site) in San Leandro, California (Figure 1). The work was conducted in general accordance with the scope of work as it was outlined in ATC's *Workplan for Additional Subsurface Investigation*, dated 15 October 1999 and ATC's *Addendum to Workplan for Additional Subsurface Investigation*, dated 20 October 1999.

ATC completed a Phase I environmental site assessment (ESA) investigation of the site in March 1999 (ATC, 1999). The ESA identified several potential environmental concerns at the property. Subsequent to the findings and the recommendations of the ESA, a limited subsurface investigation was conducted at the site by ATC on 27 April 1999. The limited subsurface investigation discovered an unknown volume of petroleum hydrocarbon impacted soil and groundwater present at the site. The results were summarized in ATC's *Subsurface Investigation Report for Levitz Furniture Located in San Leandro*, dated 6 May 1999 and contained recommendations for additional subsurface investigation activities.

ATC performed a second limited subsurface investigation on 11 May 1999. The subsurface investigation defined the lateral extent of petroleum impacted soil and groundwater at the site. The results were summarized in ATC's *Additional Subsurface Investigation Report for Levitz Furniture Located in San Leandro*, dated 25 May 1999 and contained recommendations for no additional site activities. ATC requested no further action status for the site in a letter to the City of San Leandro dated 2 September 1999. This request was denied pending further evaluation of diesel impacted soil discovered beneath Alvarado Street. The following report summarizes the findings of that additional investigation.

2.0 OBJECTIVE

The objective of the work presented in this report was to evaluate the presence of diesel impacted soil and groundwater, if any, in the vicinity of the former service station at the site and along the eastern property line.

3.0 SCOPE

The scope of services developed to meet the objective included the following tasks:

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8015. In addition, the groundwater sample collected from boring SB13 was analyzed for TPHg, BTEX, and MTBE by EPA Method 8015 modified and 8020.

No concentrations of TPHd were detected in any of the analyzed soil samples collected from borings SB9, SB10, SB11, SB12, SB13, and SB14.

The following Table 2 summarizes the laboratory analytical results for soil samples. Copies of the laboratory reports for analyzed soil samples and the chain-of-custody forms are presented in Appendix B.

Table 2
Summary of Soil Laboratory Analytical Results for
TPHd, TPHg, BTEX, and MTBE

Sample I.D. No.	Date Collected	Sample Depth (ft. bgs)	TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)
LFC-SB1	4/27/99	11.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB2	4/27/99	11.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB3	4/27/99	3.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB4	4/27/99	11.5	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB5	4/27/99	3.5	<1.0	NA	<0.005	<0.005	<0.005	0.019	<0.050
LFC-SB6	5/11/99	12	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB7	5/11/99	12	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
LFC-SB8	5/11/99	12	<1.0	NA	<0.005	<0.005	<0.005	<0.005	<0.050
SB9	10/28/99	10	NA	<5.0	NA	NA	NA	NA	NA
SB10	10/28/99	15	NA	<5.0	NA	NA	NA	NA	NA
SB11	10/28/99	15	NA	<5.0	NA	NA	NA	NA	NA
SB12	10/28/99	10	NA	<5.0	NA	NA	NA	NA	NA
SB13	10/28/99	10	NA	<5.0	NA	NA	NA	NA	NA
SB14	10/28/99	10	NA	<5.0	NA	NA	NA	NA	NA

Notes:

mg/kg	Milligram per kilogram
TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
MTBE	Methyl tertiary butyl ether
ft. bgs	Feet below ground surface
NA	Not Analyzed

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No concentrations of TPHd were detected in any of the analyzed groundwater samples from borings SB9, SB10, SB12, SB13, and SB14. The groundwater sample from boring SB11 contained TPHd at a concentration of 1,100 micrograms per liter (ug/l). No concentrations of TPHg, BTEX, or MTBE were detected in the analyzed groundwater sample from boring SB13.

The following Table 3 summarizes the laboratory analytical results for groundwater samples. Copies of the laboratory reports for analyzed groundwater samples and the chain-of-custody forms are presented in Appendix B.

Table 3
Summary of Groundwater Laboratory Analytical Results for TPHd, TPHg, BTEX, and MTBE

Sample I.D. No.	Date Collected	Sample Depth (ft. bgs)	TPHg (ug/l)	TPHd (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Xylenes (ug/l)	MTBE (ug/l)
LFC-SB1-W	4/27/99	11.9	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0
LFC-SB2-W	4/27/99	11.8	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0
LFC-SB5-W	4/27/99	10	<50	NA	<0.5	0.6	0.9	3.6	<5.0
LFC-SB6-W	5/11/99	10	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0
LFC-SB7-W	5/11/99	11	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0
LFC-SB8-W	5/11/99	10.5	<50	NA	<0.5	<0.5	<0.5	<0.5	<5.0
SB9	10/28/99	11 to 11.5	NA	<50	NA	NA	NA	NA	NA
SB10	10/28/99	11 to 11.5	NA	<50	NA	NA	NA	NA	NA
SB11	10/28/99	11 to 11.5	NA	1,100	NA	NA	NA	NA	NA
SB12	10/28/99	11 to 11.5	NA	<50	NA	NA	NA	NA	NA
SB13	10/28/99	11 to 11.5	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0
SB14	10/28/99	11 to 11.5	NA	<50	NA	NA	NA	NA	NA

Notes:

ug/l	Microgram per liter
TPHg	Total petroleum hydrocarbons as gasoline
TPHd	Total petroleum hydrocarbons as diesel
MTBE	Methyl tertiary butyl ether
ft. bgs	Feet below ground surface
NA	Not Analyzed

8.0 DISCUSSION

Field observations and the results of the laboratory analyses showed no indication of the presence of TPHd in the soil samples to be above laboratory detection limits. The groundwater samples

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collected from borings SB9, SB10, SB12, SB13, and SB14 contained no detectable concentrations of TPHd. The groundwater sample from boring SB11 contained TPHd at 1,100 ug/l. The groundwater sample collected from boring SB13 contained no detectable concentrations of TPHg, BTEX, or MTBE. Analytical results from past and current subsurface investigations indicate that the TPHd impacted groundwater collected from boring SB11 did not originate from the location of the former service station located at the site, but from a location east of the site. Samples from boring SB12, located in the immediate vicinity of the former service station, and boring SB13, located in the estimated downgradient direction, did not contain detectable concentrations of TPHd. In addition, samples from boring SB14, located between SB11 and the former service station, also did not contain detectable concentrations of TPHd.

9.0 CONCLUSION

Based on the information obtained during this subsurface investigation, the previous limited subsurface investigation, laboratory analytical results, current regulatory guidelines and the professional judgement of ATC, the following conclusion is drawn:

- There are moderate concentrations of TPHd present in the groundwater in the immediate vicinity of boring SB11. There is a very low likelihood that the source of the residually impacted groundwater is the former gasoline service station.

10.0 RECOMMENDATION

Based on the information obtained during this subsurface investigation, laboratory analytical results, current regulatory guidelines and the professional judgement of ATC, additional investigation activities are not required.

The judgments and conclusions described in this report pertain to the conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for use in future evaluations of the site unless an update is conducted by consultant familiar with site soil characterization.

Use of this report is provided to Levitz Furniture, for its exclusive use and shall be subject to the terms and conditions in the applicable contract between Levitz Furniture and ATC. No other third party use of or reliance on this report is permitted by ATC without ATC's advance written authorization. Any authorized third party use of this report shall be subject to the terms and conditions governing the work in the contract between Levitz Furniture and ATC. Any unauthorized release or misuse of the report shall be without risk or liability to ATC.

Certain information contained in this report may have been rightfully provided to ATC by third parties or other outside sources. ATC has made reasonable inquiry to ascertain the veracity of the information. However, ATC does not make any warranties or representation, whether

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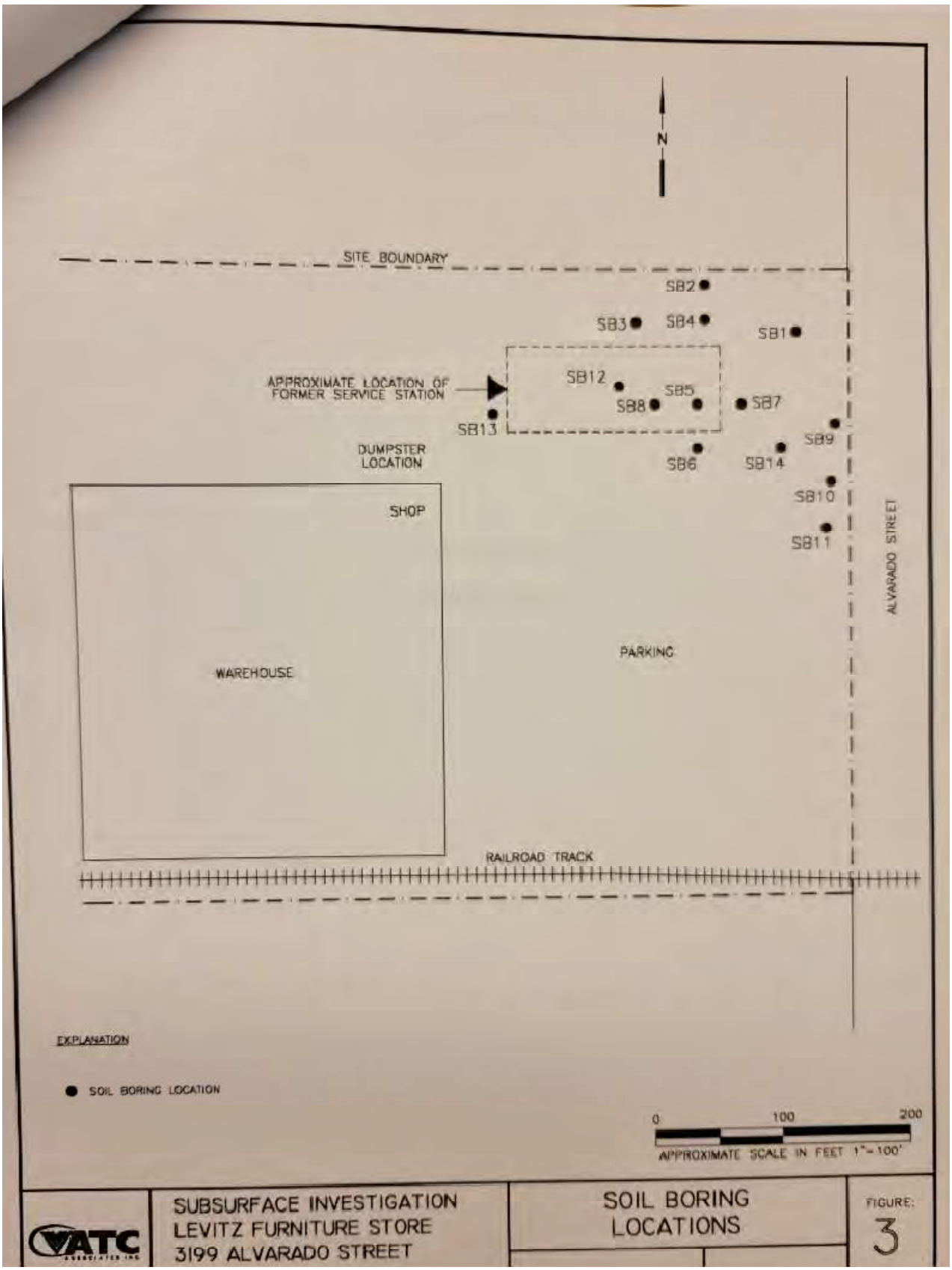
N
SITE BOUNDARY
SB2
SB3
SB4
SB1
APPROXIMATE LOCATION OF FORMER SERVICE STATION
SB12
SB5
SB8
SB7
SB13
SB9
DUMPSTER LOCATION
SB6
SB14
SB10
SB11
SHOP
ALVARADO STREET
PARKING
WAREHOUSE
RAILROAD TRACK
EXPLANATION
SOIL BORING LOCATION
0
100
200
APPROXIMATE SCALE IN FEET 1"=100'
VATC
SUBSURFACE INVESTIGATION
LEVITZ FURNITURE STORE
3199 ALVARADO STREET
SOIL BORING LOCATIONS
FIGURE:
3

March 16, 1999

Prepared for:

Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton, Florida 33487-1613

COPY

by:

ATC ASSOCIATES INC.
17321 Irvine Boulevard
Tustin, California 92780
(714) 734-0303

ENVIRONMENTAL SITE ASSESSMENT
LEVITZ FURNITURE
LOCATED AT 3199 ALVARADO STREET
IN SAN LEANDRO, CALIFORNIA

Andy Shimizu
Staff Scientist

Janet Holtz, REA
Senior Project Manager

ATC Indianapolis Project No. 15477.0003 Task 14
ATC Tustin Project No. 90742.9110-14

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ENVIRONMENTAL SITE ASSESSMENT
LEVITZ FURNITURE
LOCATED AT
3199 ALVARADO STREET
IN SAN LEANDRO, CALIFORNIA

1.0 INTRODUCTION

This report summarizes the results of an environmental site assessment (ESA) conducted for the Levitz Furniture facility located at 3199 Alvarado Street (site) in San Leandro, Alameda County, California (Figure 1). The assessment was conducted by ATC Associates Inc. (ATC) in response to the request and authorization of Mr. Chris Bartzokis with the Levitz Furniture Corporation and in general accordance with the contract dated February 11, 1999, between the Levitz Furniture Corporation and ATC.

2.0 OBJECTIVE

The objective of the assessment described in this report was to identify to the extent feasible pursuant to the processes prescribed herein, the presence of Recognized Environmental Conditions (RECs) as defined in the American Society of Testing and Materials (ASTM) Standard E 1527-97.

3.0 SCOPE

The scope of services used to meet the objective was in general accordance with ASTM Standard E 1527-97 and included review of the following readily available information sources:

- Task 1: Site and Site Vicinity
  - Discussions with personnel familiar with the site facility and review of site facility drawings;
  - A site reconnaissance to look for evidence of present and/or past operations that use or may have used potentially hazardous materials; and
  - A site vicinity reconnaissance to compile a list of companies/businesses in the immediate site vicinity that are reported to use, or appear to use or produce, hazardous substances that in our judgment may impact the site.

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used here to mean the effect or result of a release of a hazardous substance that could be judged an REC.

5.0 SITE REVIEW

The following terms are used in this report:

- "Site" refers to the property within the approximate boundaries shown in Figures 1 and 2 and described in Subsection 5.1;
- "Immediate site vicinity" refers to properties immediately adjacent to the site that share a common boundary with the site; and
- "Site vicinity" refers to the area within approximately a 1-mile radius of the site.

5.1 Site Setting

The site comprises approximately 14.9 acres of land developed with a 250,520 square foot building currently occupied by a furniture sales showroom and warehouse and paved parking areas (Figure 2). The site is located south of the intersection of Teagarden Street and Alvarado Street in San Leandro, California. Several multi-tenant commercial buildings are located north of the site, Alvarado Street with commercial buildings beyond is located immediately east of the site, single-family residences are located south of the site, and the Nimitz Freeway (Highway 880) is located west of the site. The site is located at an elevation between approximately 25 and 30 feet above mean sea level. Site boundary information was obtained from Mr. Ron Hill of the Levitz Furniture Corporation and during the site reconnaissance conducted by ATC. Mr. Hill was not certain when the building was constructed, but indicated that he believed the building was originally utilized by a supermarket.

5.2 Site and Site Vicinity Reconnaissance

5.2.1 Site Reconnaissance - A site reconnaissance was conducted on February 23, 1999, by personnel from ATC Associates Inc. Color photographs of the site are presented in Figure 3. At the time of the site reconnaissance, the site was developed with a furniture showroom/warehouse building and paved parking areas.

Potentially hazardous materials observed on-site appeared to be limited to small quantities (5-gallon or smaller containers) of cleaning supplies and general maintenance products such as paints and varnishes. These materials were observed in a small janitorial closet in the showroom area and in flammable materials cabinets in the warehouse area. All potentially hazardous materials observed on site appeared to be stored in a neat and orderly manner in flammable materials cabinets. In addition, one air compressor was observed in the shop area of the warehouse and two 1-gallon containers of refrigeration oil were observed near a heating, ventilating and air conditioning unit (HVAC) unit on the south side of the warehouse. No

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evidence of spills or releases or significant staining was observed on the concrete floor in these areas.

No evidence of stressed vegetation was observed at the site. During a review of building plans for the site provided to ATC by Levitz (Werner S. Stroch & Associates, 1971), placement of a gasoline UST adjacent to the northeast corner of the site building was identified, as well as the proposed abandonment of a water well on the western portion of the site. During the site reconnaissance, the area where the proposed UST was depicted was observed to be paved with asphalt. No evidence of underground storage tanks (i.e. fill ports or vent risers) or groundwater monitoring wells were observed on-site. Mr. Hill did not have any further knowledge of the UST on the plans and the site was not listed in any regulatory databases or at any regulatory agencies. The former water well was observed adjacent to a fire hydrant in the parking area on the west side of the site. The water well appeared to have been plugged, however, the well had not been abandoned flush with the ground surface. The top of the well was identified by a circular steel casing.

Numerous municipal debris were observed on the western portion of the site parking lot near a covered loading dock area. Debris included sinks, toilets, metal shelving, wood scraps, several containers labeled to contain paint ranging in size from 1-pint to 5-gallons, and one 55-gallon drum labeled to contain Spray Kote stored on a wood pallet.

A railroad spur is located on the southeast corner of the site and extends into the southeast corner of the warehouse. This area is currently utilized as storage space.

Potable water is provided to the site by the East Bay Municipal Utilities District (East Bay MUD) and sewer and storm drains are maintained by the City of San Leandro.

One pad-mounted electrical transformer was observed at the site. The transformer was not labeled with regard to PCB content. The transformer is owned and operated by Pacific Gas & Electric (PG&E). PG&E has maintained in the past that none of their system equipment contains PCBs. The transformer appeared to be in good condition with no evidence of spills and/or releases of fluid.

A visual asbestos survey of readily accessible building finish materials, not including the collection of samples for analysis, was conducted by ATC as part of our site visit. Suspected asbestos containing materials (ACMs) were evaluated for the presence of damage.

An asbestos survey typically includes a review of building plans and specifications to evaluate the type of construction used and the materials specified. However, detailed building plans and drawings were not readily available for review at the time of the survey. Therefore, ATC relied on visual observations, past experiences and professional judgment in the selection of materials judged to potentially contain asbestos. In general accordance with the aforementioned scope of work, material which could potentially contain asbestos was surveyed. The materials observed at the site included; wallboard, joint tape and taping

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compound, acoustical drop ceiling panels, flooring materials and their associated mastics, and covebase and its associated mastic. No structural fire proofing or insulated piping was observed during the survey. The above-mentioned materials were observed to be in a generally undamaged condition in the showroom at the time of this survey. However, evidence of localized damage to wallboard was observed in the warehouse areas of the building.

5.2.2 Site Vicinity Reconnaissance - A site vicinity reconnaissance was conducted by personnel from ATC Associates Inc. on February 23, 1999. Properties surrounding the site were observed to be developed for commercial and residential purposes. Several multi-tenant commercial buildings are located north of the site, Alvarado Street with commercial buildings beyond is located immediately east of the site, single-family residences are located south of the site, and the Nimitz Freeway (Highway 880) is located west of the site.

5.3 Hydrogeologic Setting

The subject site is located in the central coastal area of California, on the eastern side of San Francisco Bay. The lithology beneath the site is described as Recent Alluvium, which includes artificial fill, bay mud and salt marsh deposits (Department of Natural Resources, 1961).

The City of San Leandro Engineering Department was not able to provide depth to groundwater nor groundwater gradient information. However, based on the surface topography, the anticipated direction of groundwater flow is to the west, towards San Francisco Bay. Based on the elevation of the site (approximately 25-30 feet above sea level), the estimated depth to groundwater in the site vicinity is approximately 25-30 feet below ground surface (BGS). However, actual local groundwater depth and flow direction can vary greatly over short distances and can be influenced by additional factors such as underground structures, seasonal fluctuations, and soil and bedrock geology.

6.0 HISTORICAL REVIEW

6.1 Permits

Building permits for the site were reviewed at the City of San Leandro Community Development Department. The earliest permit for the site was an electrical permit for Baymart dated August 5, 1965. Various tenant improvements, including a proposed building expansion (to 150,000 square feet) were identified covering the years 1965-1993. Based on a review of building documents, it appears that the western portion of the site was constructed in the late 1950's or early 1960's. In approximately 1971, it appears that the eastern portion of the building was constructed to form the current site configuration.

The site is located in Zone C, an area of minimal flooding, according to the Federal Emergency Management Agency (FEMA) map for the City of San Leandro dated March 18, 1980 (Community Panel Number 060013 003B). The zoning designation for the site is IG - Industrial General.

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6.2 Sanborn Fire Insurance Maps

A search for Sanborn Fire Insurance Maps for the site and immediate site vicinity was conducted through Environmental Date Resources, Inc. (EDR). No Sanborn Maps were identified. Search documentation is included in Appendix B.

6.3 Aerial Photographs

Aerial photographs of the site and vicinity were obtained from EDR covering the years 1939, 1946, 1968, 1977, and 1989.

Obvious indicators of potential sources of hazardous waste from land use, such as apparent aboveground tank areas, ponds, pits, sumps, landfills, and heavy-industry or oil-field-related developments, were not observed at the site.

The 1939 and 1946 aerial photographs depicted the site and surrounding area as agricultural land. The Nimitz Freeway was not depicted on either of the photographs.

In the photograph dated 1968, a large warehouse was interpreted on the western portion of the site and a smaller rectangular-shaped structure was interpreted on the northeast corner of the site. Driveways/parking areas were interpreted on the north, east, south, and west sides of the site. Agricultural land was depicted north of the site, Alvarado Street with a large parking lot beyond was depicted east of the site, single-family residences were depicted south of the site, and the Nimitz Freeway (Highway 880) with single-family residences beyond was depicted west of the site.

The 1977 and 1989 photographs depicted a building on the western portion of the site. The building depicted on the 1968 aerial photograph had been expanded on the east side of the building. The structure on the northeast corner of the site was no longer present. Driveways/parking areas were interpreted on the north, east, south, and west sides of the site. Four buildings interpreted as warehouse/multi-tenant spaces were interpreted north of the site, Alvarado Street with a large parking lot beyond was depicted to the east (a building had been constructed in the parking lot on the 1989 photograph), single-family residences were depicted south of the site, and the Nimitz Freeway (Highway 880) was depicted west of the site.

6.4 City Directories

ATC received historical city directories from EDR. Sources utilized included Polk City Directory (1951 and 1959), and Haines City Directory (1977, 1983, 1988, 1993, and 1998). Appendix A presents the city directory abstract that was provided by EDR and is the basis for the following information.

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7.9.1 Permitted USTs: Distance Searched - Site and Immediate Site Vicinity - Information from SWRCB regarding registered USTs indicated that no UST-listed facilities are located in the immediate site vicinity.

7.9.2 UST Releases (LUST): Distance Searched - 0.5 mile - The RWQCB, SWRCB and the Alameda County Department of Environmental Health Services (DEH) maintain records of facilities currently involved in site assessment/mitigation resulting from reported spills or releases from USTs. According to the EDR report, 21 LUST-listed facilities are located within the search area; none of which is located in the immediate site vicinity.

Five LUST facilities are located potentially upgradient from the site. The nearest potentially upgradient facility is Amaral Sausage (735 Fremont Ave.), located approximately 0.23 mile east of, and potentially upgradient from the site. The EDR report lists a case type of soil only.

7.10 Oil and Gas

Distance Searched - 0.5 mile - A review of Publication No. TR01, Oil & Gas Prospect Wells Drilled in California (CADOG) indicated that the site is not located in an oil field and that there are no oil or gas wells located within one mile of the site (CADOG, 1982).

7.11 Local Regulatory Agency Files

Alameda County Environmental Health Services Division (EHS)

ATC requested available file information regarding the site from the EHS. According to Ms. Erlene Coleman-Ali, no files for the site address were identified. Ms. Coleman-Ali recommended contacting the East Bay MUD and the Alameda County Fire Department.

East Bay Municipal Utilities District (East Bay MUD)

ATC requested available file information regarding the site from the East Bay MUD. According to Ms. Cynthia Adrisson, Environmental Compliance Officer, the East Bay MUD does not maintain LUST or environmental investigation files.

Alameda County Fire Department (FD)

ATC requested available file information regarding hazardous materials, USTs and related issues from the FD. According to FD file information, no current UST files were identified. However, a permit for the installation of three 9,980-gallon gasoline USTs and one 550-gallon waste oil UST by Consumers Mart Co., dated July 18, 1962 was identified. A hand-drawn sketch on a permit dated April 22, 1963, indicated that the USTs belonged to a service station on the northeast corner of the site maintained by Consumers Mart Co. A permit dated April 12, 1971, indicated that All Bay Cities was scheduled to remove the four USTs from the site.

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- We have performed a Phase I Environmental Site Assessment in conformance with the scope of work and limitations of ASTM Standard E 1527-97 for the Levitz Furniture facility located at 3199 Alvarado Street in San Leandro, California. Any exceptions to or deletions from this practice are described in Section 4.0 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the site, with the exception of the following:

  - A service station was formerly located on the northeast corner of the site from approximately 1962 until 1971. Records reviewed at local regulatory agencies could not verify the removal of the USTs, however, the site was not listed as a LUST facility;

  - A review of building plans for the site building identified plans for the installation of a gasoline UST adjacent to the northeast corner of the site building. Records reviewed at local regulatory agencies could not verify if the UST was installed; and

  - Localized damage to wallboard was observed in the warehouse area.

10.0 RECOMMENDATIONS

Based on the information obtained during this assessment, current regulatory guidelines, and the judgment of ATC, the following recommendations have been made:

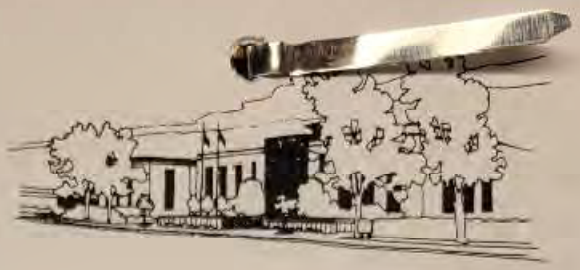
- If a higher level of confidence is required regarding the removal of the four USTs associated with the former service station located on the northeast corner of the site, and the proposed gasoline UST located adjacent to the northeast corner of the site building reviewed on building plans, ATC recommends a geophysical survey be conducted at the site to assess whether historical subsurface features (i.e. former USTs, dispenser lines, etc.) are present at the site. Based on the results of this investigation, a subsurface soil sampling investigation may be warranted; and

- Based on the date of building construction (late 1950s and 1971), if building renovations or demolition activities are to occur, an asbestos survey should be performed.

This assessment was performed on behalf of and solely for the Client. No other company, entity, or person shall have any rights with regard to ATC's contract with the above client, including but not limited to indemnification by ATC, or any rights of reliance on the findings, conclusions and recommendations of this pr any subsequent reports regarding the referred site.

Confidential

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577



November 22, 1999

Chris Bartzokis
Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton FL 33487-1613

Dear Mr. Bartzokis:

Notice of No Further Action Required – Levitz Furniture Site
3199 Alvarado Street, San Leandro CA

This letter confirms the completion of subsurface investigation and characterization for the underground storage tank operation formerly located at the above-mentioned site. Thank you for your cooperation and promptness throughout this investigation.

Based on the subsurface investigation data and information in the site file, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action is required related to the former underground storage tanks.

If you have any questions, please call Tiffany Treece, Environmental Protection Specialist at (510) 577-6031.

Sincerely,

Michael Bakaldin
Environmental Services Manager

cc: Drew Van Allen, ATC Associates

Sheila Young, Mayor
City Council: Gordon A. Galvan; Garry A. Loeffler; Bob Glaze; Joanne M. Lothrop; Surlene G. Grant; Glenda Nardine

PHASE I ENVIRONMENTAL SITE ASSESSMENT

3199 Alvarado Street
San Leandro, California

Prepared For:

CC Industries, Inc.
222 North LaSalle Street, Suite 1000
Chicago, Illinois 60601
Attn: Mr. Steve Geist

Prepared By:

Pioneer Engineering & Environmental Services, Inc.
700 North Sacramento Boulevard, Suite 100
Chicago, Illinois 60612
(312) 587-1021
Pioneer Project # 02994

Date Submitted:

December 18, 2002

The following personnel have prepared and/or reviewed this report.

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Project Manager
Report Reviewer

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Project Manager
Report Author

02994

Pioneer Project Number

December 18, 2002

Date

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1.0 EXECUTIVE SUMMARY

Pioneer Engineering & Environmental Services, Inc. (Pioneer) was engaged by CC Industries, Inc. (Client) to complete a Phase I Environmental Site Assessment (ESA) of the property located at 3199 Alvarado Street in San Leandro, California (subject property). The subject property consists of an approximate 14.9-acre, irregular-shaped parcel that is improved by a one-story commercial structure (subject building) occupied by Levitz Furniture. The subject building encompasses approximately 240,000 square feet, and is currently utilized as a furniture showroom and warehouse. See Figure 1 for a Site Diagram and Appendix A for an Area Map.

Historical investigation indicates that the subject property was undeveloped, vacant land until the development of the western portion of the subject building in the early 1960s. At that time, a service station was also developed on the northeast portion of the subject property. In approximately 1971, the service station was demolished, and the eastern portion of the current subject building was developed. Levitz Furniture has occupied the subject building since the late 1960s.

The visual inspection of the subject property was conducted on December 9, 2002. Operations on site include furniture sales and warehousing. Wastes generated at the subject property consist exclusively of general refuse, consisting of packaging materials and office refuse. General refuse is placed in two dumpsters, one located adjacent to the northeast corner of the subject building and one located adjacent to the western portion of the subject building. The dumpsters are serviced three times a week, or as needed, by the City of San Leandro. Pioneer observed a limited amount of petroleum/hazardous substances on site, including furniture stainer, fabric treatment, paints, and cleaning supplies; however, there was no hazardous waste reportedly generated on site. Pioneer did not observe areas of staining in the areas of chemical storage, and the concrete floors were in good condition during the site inspection, with limited cracking to serve as a potential migratory pathway.

The following environmental reports were previously prepared for the subject property by ATC Associates, Inc. (ATC): *Environmental Site Assessment*, dated March 16, 1999; *Workplan for Subsurface Investigation*, dated April 23, 1999; *Subsurface Investigation*, dated May 6, 1999; *Additional Subsurface Investigation*, dated May 25, 1999; *Request for No Further Action Status*, dated September 2, 1999; *Workplan for Subsurface Investigation*, dated October 15, 1999; *Addendum to Workplan for Subsurface Investigation*, dated October 20, 1999; and *Additional*

Subsurface Investigation, dated November 16, 1999. The investigations indicated that a service station was historically located on the northeast portion of the subject property from the early 1960s until approximately 1971. ATC's *Environmental Site Assessment* indicated that a permit, dated July 18, 1962, was on file with the Alameda County Fire Department for the installation of three 9,980-gallon gasoline underground storage tanks (USTs) and one 550-gallon waste oil UST at the service station (known as "Consumers Mart Co."). An additional permit, dated April 12, 1971, was also on file with the Alameda County Fire Department that gave permission to "All Bay Cities" to remove the three 9,980-gallon gasoline tanks and one 550-gallon waste oil tank; however, there was no documentation that indicated if/when the USTs were removed from the subject property. ATC was also provided with building plans of the subject property, dated 1971, that indicated a gasoline UST associated with the service station was located adjacent to the northeast corner of the subject building.

Based on the available information, ATC performed subsurface investigations at the subject property during 1999. Results indicated that low-level xylenes were present in a soil sample and that ethylbenzene, toluene, and xylenes were present in a grab groundwater sample at one of eight soil borings. A City of San Leandro utility trench excavation was performed in October 1999 along the eastern border of the subject property and identified petroleum contamination in groundwater. Therefore, at the request of the City, additional soil and grab groundwater sampling was performed at six locations. The results indicated that only one grab groundwater sample along the eastern property border contained total petroleum hydrocarbons. Following the subsurface investigations, the City of San Leandro issued a *No Further Action Required* letter for the subject property on November 22, 1999. Therefore, Pioneer believes the former on-site service station represents a historical recognized environmental condition.

A review of the appropriate federal and state environmental databases revealed that one RCRA CORRACTS site, 20 leaking underground storage tank (LUST) incidents, 12 Calsites listings, and one Solid Waste Facility (SWF) site are located at or within the ASTM minimum search distances from the subject property. However, based on the available information and/or distances, Pioneer does not believe that these listings represent recognized environmental conditions to the subject property at this time.

Upon completion of this report, no recognized environmental conditions (RECs) were identified in connection with the subject property.

The Executive Summary is intended to provide a brief overview of the findings of this investigation. It should be noted that although the Executive Summary is an integral part of a report, it should not be substituted in lieu of reading the entire report. The entire report must be read in order to fully understand the findings and potential environmental concerns associated with the subject property.

2.0 STATEMENT OF WORK

Pioneer Engineering & Environmental Services, Inc. (Pioneer) was engaged by CC Industries, Inc. (Client) to complete a Phase I Environmental Site Assessment (ESA) of the property located at 3199 Alvarado Street in San Leandro, California (subject property). The subject property consists of an approximate 14.9-acre, irregular-shaped parcel that is improved by a one-story commercial structure (subject building) occupied by Levitz Furniture. The subject building encompasses approximately 240,000 square feet, and is currently utilized as a furniture showroom and warehouse. See Figure 1 for a Site Diagram and Appendix A for an Area Map.

A Phase I ESA is designed to identify, to the extent feasible pursuant to the processes described by ASTM Standard Practice E 1527-00, "recognized environmental conditions" (see definition, following page) in connection with the subject property. The ASTM standard was developed to provide current owners, prospective buyers, lending institutions or other interested parties with qualified professional judgments concerning the presence or likely presence of a petroleum/hazardous substance release or substantial threat of a release of a petroleum/hazardous substance. The scope of this Phase I ESA includes a historical review of the site's development and prior use, visual inspection of the site and any associated structures and other improvements, and a review of state and federal environmental/regulatory databases for the subject site and surrounding properties in accordance with the requirements of the ASTM standard. Pioneer's Phase I ESAs are generally expanded to identify several potential "business environmental risk(s)," including a search for suspect asbestos-containing materials (ACMs), lead-based paint (LBP), and potential PCB-containing light ballasts. Thus, the information contained within this Phase I ESA has been compiled in such a manner that meets or exceeds the recommended practices established by ASTM Standard Practice E 1527-00, except whereas specified within this report.

The scope of the Phase I ESA can be further expanded from outlined above as specified by the Client, or "User." Unless specifically instructed by the User as to the purpose of the Phase I ESA, Pioneer is required to assume that it is being prepared for the purpose of qualifying for the innocent landowner defense to CERCLA liability. The following specific additions or instructions were made by the User with regard to the purpose and practice of this Phase I ESA: none.

The following terminology and definitions are specific to the ASTM standard:

Recognized Environmental Conditions: "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 includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include 'de minimis' conditions (see following definition)."

De Minimis Conditions: "(environmental) conditions that do not generally present a material risk of harm to health or the environment and that generally would not be subject to enforcement action if brought to the attention of appropriate governmental agencies."

Historical Recognized Environmental Conditions: "(an) environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently."

Business Environmental Risk: "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate (such as asbestos, regulatory compliance, lead-based paint issues, etc.), not necessarily limited to those environmental issues required to be investigated in this (ASTM) practice."

Findings: "known or suspect environmental conditions associated with the property, and which may include recognized environmental conditions, historical recognized environmental conditions and de minimis conditions, among other environmental conditions."

3.0 HISTORICAL REVIEW

3.1 Introduction

The historical review process is intended to provide a chronological outline of the prior uses and development of the subject property in accordance with Section 7.3 of the ASTM standard. The investigative research attempts to identify potential environmental hazards and their associations with structures or operations of the past and present. Particular attention was focused on past owners or operations that may have been involved with the generation, treatment, handling, storage, or disposal of petroleum/hazardous materials and other practices that may have led to recognized environmental conditions in connection with the subject property.

Pertinent information was collected from standard historical sources that were reasonably ascertainable, such as Sanborn Fire Insurance Maps, USGS Topographic Maps, aerial photographs, local building and fire department records, tax assessor records, zoning/land use records and interviews with persons knowledgeable of the historical use of the site. Primary sources utilized during this investigation are documented in Section 9.0 of this report. A detailed account of the sources contacted during this investigation, including the dates that information was requested and last updated, is maintained on file at Pioneer and is available upon request.

It should be noted that Pioneer was unable to obtain site-specific documentation dating back to 1940, in accordance with ASTM Standard Practice E 1527-00. However, the documentation available strongly suggests that the subject property was vacant, unimproved land prior to the development of the western portion of the subject building in the early 1960s.

3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps (Sanborn maps) provide detailed drawings of the location and use of buildings in a given time period as early as the late 1800s. Pioneer reviewed the Sanborn map collection on file at the City of San Leandro Building Department; however, no coverage was available for the subject property and surrounding properties.

3.3 USGS Topographic Maps

Pioneer reviewed USGS 7.5 Minute Topographic Maps (USGS maps) of the area, dated 1948, 1959, 1968, 1973, 1980, and 1993 (see Appendix B for copies of the USGS maps).

1948: The 1948 USGS map showed the subject and adjacent properties as vacant, unimproved land. Alvarado Street was not present east of the subject property, and Highway 880 (Nimitz Freeway) was not present west of the subject property.

1959: The 1959 USGS map showed the subject property and north and east adjacent properties as vacant, unimproved land. Alvarado Street was present east of the subject property, and the Nimitz Freeway was denoted west of the subject property. The south adjacent properties and west adjacent properties, across the Nimitz Freeway, were included in an area in which individual buildings are not denoted due to the high structure density of the area. However, the map testified to the general development of the vicinity during that period.

1968: The 1968 USGS map showed a rectangular-shaped structure in the size of the western portion of the subject building on the western portion of the subject property. In addition, a thin, rectangular structure was denoted on the northeast portion of the site. The east adjacent properties, across Alvarado Street, were denoted with structures similar in shape to the current commercial buildings. The north, south, and west adjacent properties were shown as on the 1959 map.

1973 and 1980: The 1973 and 1980 USGS maps showed the subject property as developed with the current subject building and the thin, northerly-located, rectangular structure. The 1980 map revealed railroad tracks entering the subject building from the east. As a note, the structure on the northeastern portion of the subject property was reportedly demolished by this time (see Sections 3.5 and 3.7), and aerial photographs confirm that this structure was demolished by 1975 (see Section 3.4). Pioneer believes it is likely that this discrepancy is due to an error in updating the USGS maps. The north adjacent properties were revealed with structures similar in configuration to the current commercial buildings. The east, south, and west adjacent properties were shown as on the 1968 map.

1993: The 1993 USGS map did not specifically identify individual buildings located at the subject property or surrounding areas due to the high structure density in the region. However, the map testified to the general development of the vicinity at this time.

3.4 Aerial Photographs

Pioneer reviewed aerial photographs, dated 1947, 1959, 1969, 1975, and 2002, for the area incorporating the subject property (see Appendix C):

1947: The 1947 aerial photograph revealed the subject and adjacent properties as vacant, undeveloped land. Alvarado Street was not present east of the site, and the Nimitz Freeway was not present west of the site.

1959: The 1959 aerial photograph revealed the subject property and north adjacent properties as vacant, undeveloped land. Alvarado Street was shown east of the subject property and the Nimitz Freeway was present west of the site. The east adjacent properties, beyond Alvarado Street, were revealed with rectangular structures that appeared commercial in nature. The south adjacent properties and west adjacent properties, beyond the Nimitz Freeway, were shown with structures in the shape of the current residential structures.

1969: The 1969 aerial photograph revealed the subject property as developed with the western portion of the current subject building, and a thin, rectangular structure on the northeast portion of the property. Small rectangular objects that appeared similar to vehicles were revealed throughout the eastern portion of the subject property. The adjacent properties were shown as on the 1959 aerial photograph.

1975: The 1975 aerial photograph revealed the subject property as developed with the current subject building. The thin, rectangular structure on the northeast portion of the property was no longer present. The north adjacent properties were revealed as developed with structures in the shape of the current commercial structures. The east, south, and west adjacent properties were shown as on the 1969 aerial photograph.

2002: The 2002 aerial photograph revealed the subject property and north, south, and west adjacent properties as shown on the 1975 aerial photograph. The east adjacent properties, across Alvarado Street, were revealed with structures in the shape of the current commercial structures.

3.5 Local Historical Sources

Pioneer visited the Alameda County Fire Department and the City of San Leandro Building Department and Department of Environmental Services in an effort to obtain additional information regarding the subject property, including building permits, records of underground storage tanks (USTs), aboveground storage tanks (ASTs), hazardous chemical releases, and environmentally significant incidents in connection with the subject property. The following provides a summary of the pertinent information gathered from the permits available for review and lists the source.

3.5.1 Alameda County Fire Department

Records reviewed at the Alameda County Fire Department included fire inspection reports from 1963 to the present day. Records also included a copy of a hand-drawn map of the subject property, dated April 22, 1963, that showed the western portion of the current subject building and a service station (labeled as "Consumers Mart of America") located in the northeast portion of the site. A phone conversation log, dated September 4, 1970, from the fire department indicated that Mr. Frank Wright of "Station @ Bay Mart Properties, 3199 Alvarado Street" was informed that the three 9,980-gallon gasoline tanks on site should be filled with water and sealed unless the tanks were to be removed. The log also stated that the service station was to be demolished. An additional letter from the fire department, dated April 12, 1971, gave permission to "All Bay Cities" to remove three 9,980-gallon gasoline tanks and one 550-gallon waste oil tank from the subject property. No further records were on file regarding the installation and/or removal of USTs on the subject property.

3.5.2 San Leandro Building Department

Records received from the San Leandro Building Department included landscaping, irrigation, and foundation plans, dated 1971, that showed the current subject building. The Building Department also had records of the on-site sprinkler system plans and the installation of storage racks located in the warehouse. No additional records were on file regarding the former service station and/or USTs on the subject property.

3.5.3 San Leandro Department of Environmental Services

Records on file with the City of San Leandro Department of Environmental Services included several environmental reports prepared by ATC Associates, Inc., dated 1999. The reports included an environmental site assessment that identified a former service station with four USTs located on the northeast portion of the site from the early 1960s until approximately 1971, and subsequent subsurface investigations to address this concern to the subject property (see Section 3.7). Records were also on file regarding a City of San Leandro utility trench excavation that was performed in October 1999 along the eastern border of the subject property and identified "diesel" contamination in groundwater. As a note, although the city identified that the contamination was associated with diesel fuel, no diesel fuel tanks appear to have been located on the subject property. Following the subsurface investigations to address these concerns, the City of San Leandro issued a *No Further Action Required* letter for the subject property on November 22, 1999 (see Appendix D for a copy of the letter).

3.6 Property Owner and/or Key Site Manager Interview & Questionnaire

Pioneer interviewed Mr. Wayne Gulledge, warehouse supervisor at the subject property, regarding the history and use of the site. Mr. Gulledge stated that the subject property has been utilized as a furniture showroom and warehouse since development. Mr. Gulledge was not aware of the presence of the former service station and USTs located on the northeast portion of the subject property.

Pioneer also submitted a Property Owner/Key Site Manager Questionnaire to Mr. Gulledge. The purpose of this questionnaire is to create a foundation and preliminary history of the subject property and obtain information regarding potential recognized environmental conditions. A review of the property owner questionnaire, as completed by Mr. Gulledge, identified no obvious environmental concerns associated with the subject property. See Appendix E for a copy of the completed Property Owner/Key Site Manager Questionnaire.

3.7 Previous Environmental Assessments

The following environmental reports were previously prepared for the subject property by ATC Associates, Inc. (ATC): *Environmental Site Assessment*, dated March 16, 1999; *Workplan for Subsurface Investigation*, dated April 23, 1999; *Subsurface Investigation*, dated May 6, 1999; *Additional Subsurface Investigation*, dated May 25, 1999; *Request for No Further Action Status*, dated September 2, 1999; *Workplan for Subsurface Investigation*, dated October 15, 1999; *Addendum to Workplan for Subsurface Investigation*, dated October 20, 1999; and *Additional Subsurface Investigation*, dated November 16, 1999. The investigations indicated that a service station was historically located on the northeast portion of the subject property from the early 1960s until approximately 1971. ATC's *Environmental Site Assessment* indicated that a permit, dated July 18, 1962, was on file with the Alameda County Fire Department for the installation of three 9,980-gallon gasoline USTs and one 550-gallon waste oil UST at the service station (known as "Consumers Mart Co."). An additional permit, dated April 12, 1971, was also on file with the Alameda County Fire Department that gave permission to "All Bay Cities" to remove the three 9,980-gallon gasoline tanks and one 550-gallon waste oil tank; however, there was no documentation that indicated if/when the USTs were removed from the subject property. ATC was also provided with building plans of the subject property, dated 1971, that indicated a gasoline UST associated with the service station was located adjacent to the northeast corner of the current subject building.

Based on the available information, ATC performed subsurface investigations at the subject property during 1999. Results indicated that low-level xylenes were present in a soil sample and that ethylbenzene, toluene, and xylenes were present in a grab groundwater sample at one of eight soil borings. A City of San Leandro utility trench excavation was performed in October 1999 along the eastern border of the subject property and identified petroleum contamination in groundwater.

Therefore, at the request of the City, additional soil and grab groundwater sampling was performed at six locations. The results indicated that only one grab groundwater sample along the eastern property border contained total petroleum hydrocarbons. Following the subsurface investigations, the City of San Leandro issued a *No Further Action Required* letter for the subject property on November 22, 1999. Therefore, Pioneer believes the former on-site service station represents a historical recognized environmental condition.

4.0 SITE INSPECTION

4.1 Introduction

A visual inspection of the subject property consisted of a physical walk-through of the grounds and building to obtain information regarding recognized environmental conditions in connection with the subject site in accordance with Section 8.0 of the ASTM standard. Particular attention was focused on, but not limited to, the nature of apparent past and present operations at and adjacent to the subject site and a specific search for certain petroleum/hazardous substances. The purpose of the inspection is to assess the potential of a release or imminent threat of a release of a petroleum/hazardous substance and/or waste based on the activities performed and observations noted.

The following sections address the observations noted during the visual inspection conducted on December 9, 2002. Pioneer personnel was unaccompanied during the recent site inspection. A photographic log for the subject property is included in Appendix F of this report.

4.2 Site Location & General Description

The subject property is located at 3199 Alvarado Street in San Leandro, California, and consists of an approximate 14.9-acre, irregular-shaped parcel that is improved by a one-story commercial structure (subject building) occupied by Levitz Furniture. The subject building encompasses approximately 240,000 square feet and is currently utilized as a furniture showroom and warehouse. The remainder of the property consists of an asphalt-paved parking lot and landscaping. Railroad tracks, no longer in use, are located on the eastern portion of the subject property and enter the southeast corner of the subject building. See Figure 1 for a Site Diagram.

4.3 Surrounding Properties

The subject property is located in a mixed-use area of San Leandro. The following provides a summary of the adjacent properties noted during the recent site inspection.

North: The subject property is bordered to the north by several multi-tenant commercial facilities, beyond which is Teagarden Street.

East: The subject property is bordered to the east by Alvarado Street, beyond which are multi-tenant commercial facilities.

South: The subject property is bordered to the south by several residential structures.

West: The subject property is bordered to the west by Highway 880 (Nimitz Freeway), beyond which are residential dwellings.

4.4 Physical Setting

The topography of the subject property and adjacent sites is relatively level, with no significant natural relief features. According to the most recent USGS map available, the elevation of the subject property is approximately 20-30 feet above mean sea level. Based on further interpretation of this source, localized groundwater is expected to flow in a westerly direction, towards San Francisco Bay, which is located approximately 1.5-2 miles west of the subject property (note: site-specific conditions may vary due to a variety of factors, including geologic anomalies, utilities, nearby pumping wells [if present] and subsurface structures and/or developments).

Pioneer also reviewed a General Soil Map, dated 1977 and contained in the *Soil Survey of Alameda County West, California* published by the United States Department of Agriculture Natural Resources Conservation Service, that indicated that the subject site is located in an area with nearly level to moderately steep, moderately well-drained loams and Urban land.

4.5 Site Improvements

The subject building is constructed primarily of concrete/cement blocks atop a concrete slab foundation. The floors throughout the structure consist mainly of concrete, which has been partially covered with carpeting and/or 12" x 12" floor tiles in the furniture showroom, offices, and hallways. Pioneer did not observe any areas of staining in the subject building, and the concrete floor was in good condition during the site inspection, with little to no cracking observed to serve as potential migratory pathways. Walls consist of concrete, wood, and drywall, and ceilings consist of wood, steel beams, and 2' x 4' acoustical ceiling tiles.

4.6 Site Utilities

The subject building is connected to the San Leandro municipal drinking water and sanitary sewer systems, and potable water is supplied by East Bay Municipal Utilities District (East Bay MUD). The subject building is heated by rooftop-mounted combination heating and cooling units powered by natural gas. Natural gas and electricity are supplied to the subject property by Pacific Gas & Electric (PG&E).

4.7 Facility Operations & Wastes

Operations conducted on site include furniture sales and warehousing. Wastes generated at the subject property consist exclusively of general refuse, consisting of packaging materials and office refuse. General refuse is placed in two dumpsters, one located adjacent to the northeast corner of the subject building and one located adjacent to the western portion of the subject building. The dumpsters are serviced three times a week, or as needed, by the City of San Leandro.

4.8 Underground Storage Tanks

Underground storage tanks (USTs) that exist or previously existed at sites may represent a potential environmental risk due to the possibility of tank system failures and/or spills and overfills. An inspection was conducted at the subject property in order to identify the location of any USTs that exist or may have existed. Specific attention was focused on visual indications of equipment associated with USTs, such as fill or vent piping, dispensers, dispenser islands, or evidence of excavations. Information for the UST investigation was gathered from the visual inspection, personal interviews, the local municipal agencies, and the California Register of USTs.

4.8.1 Subject Property Underground Storage Tanks

Historical research and previous investigations indicated that a service station was historically located on the northeast portion of the subject property from the early 1960s until approximately 1971. As mentioned in Section 3.7, ATC's *Environmental Site Assessment* indicated that a permit, dated July 18, 1962, was on file with the Alameda County Fire Department for the installation of three 9,980-gallon gasoline USTs and one 550-gallon waste oil UST at the former on-site service station (known as "Consumers Mart Co."). An additional permit, dated April 12, 1971, was also on file with the Alameda County Fire Department that gave permission to "All Bay Cities" to remove the three 9,980-gallon gasoline tanks and one 550-gallon waste oil tank; however, there was no documentation that indicated if/when the USTs were removed from the subject property. ATC was also provided with building plans of the subject property, dated 1971, that indicated a gasoline UST associated with the service station was located adjacent to the northeast corner of the current subject building. ATC subsequently performed several subsurface investigations at the subject property in 1999, and there was no evidence of USTs remaining on site. Additionally, Pioneer did not observe obvious evidence of UST placement during the recent site inspection. As a note, the subject property was not identified on the California Register of USTs, and no further information was available regarding the former on-site UST systems.

4.8.2 Adjacent Property Underground Storage Tanks

Pioneer performed a limited inspection of the surrounding properties from the subject property's borders and public thoroughfares, and no obvious evidence of USTs was observed

on the adjacent sites. Additionally, there was no information on file with the California Register of USTs or the Alameda County Fire Department concerning the registration or knowledge of USTs located at the immediate adjacent properties.

4.9 Other Petroleum/Hazardous Substance Storage

Petroleum/Hazardous Substances Summary

(Number) Size / Type of Container(s)	*Contents*	*Location*	*Secondary Containment*	*Visual Observations*
(3) 30-gallon containers	Stainsafe furniture guard	Northeast corner of east warehouse	None	No staining
(10-15) 5-gallon containers	Stainsafe furniture guard	Northeast corner of east warehouse	None	No staining
(20) 5-gallon containers	Latex paint	Receiving hallway	None	No staining
(20) 1-gallon containers	Latex paint	Receiving hallway	None	No staining
(~100) 12-16 oz. bottles	Stainer/finish	Southwest corner of west warehouse	None	No staining
(~100) <1-gallon containers	Touch-up paint	Southwest corner of west warehouse	None	No staining
(~10) <1-gallon containers	Cleaners	Southwest corner of west warehouse	None	No staining

Pioneer observed a limited amount of petroleum/hazardous substances on site, including furniture stainer, fabric treatment, paints, and cleaning supplies. These materials are utilized for repairing minor damage to furniture, stain-proofing fabric portions of furniture, and general building maintenance activities. Reportedly, no special/hazardous wastes are generated from the use of these materials. Pioneer did not observe areas of staining in the areas of chemical storage, and the concrete floors were in good condition during the site inspection.

4.10 Asbestos-Containing Materials

This section addresses a potential environmental concern beyond the scope of ASTM Standard Practice E 1527-00. Restrictions for asbestos use in building materials became more stringent in the 1970s, and the use of friable and sprayed-on asbestos was prohibited in 1978 by the Environmental Protection Agency with the passage of the National Emission Standards for

Hazardous Air Pollutants (NESHAP). Friable and sprayed-on asbestos-containing materials (ACMs) are easily crumbled or pulverized and therefore easily made airborne. Friable ACMs are a potential health hazard. Non-friable ACMs are not a major concern unless they become airborne by such processes as sanding, drilling, milling, cutting, etc. during renovation or demolition. As a note, the 1990 ban on non-friable ACMs was revised in 1993. The revised ban applies only to (1) any new releases of asbestos and (2) materials for which manufacturing, importing or processing was discontinued prior to July 12, 1989. Products that are no longer subject to the ban include, but are not limited to, vinyl asbestos-containing floor tile, asbestos cement shingles and roofing felt.

A comprehensive asbestos survey is beyond the scope of this Phase I ESA. The asbestos survey conducted at the subject property was limited to an inspection of readily-accessible areas. Particular attention was focused on identifying asbestos-containing insulation, plaster materials, floor tiles, and sprayed or troweled-on structural coverings. Sampling and analysis were not included as part of this investigation. The suspect ACMs identified include the following:

Table of Suspect ACMs

Suspect ACM	*Location*	*Condition*	*Friability*
2' x 4' ceiling tile	Offices and showroom	Good	Friable
12'' x 12'' floor tile	Offices and showroom	Good	Non-friable
Drywall/associated joint compound & tape	Throughout	Good	Non-friable

4.11 Lead-Based Paint

The use of lead-based paint (LBP) was widespread in the construction industry prior to 1973 due to its durability. At that time, amendments to the Lead Based Paint Poisoning Prevention Act established the allowable level of lead in paint to 0.5 percent by weight of dry sample. This limit was implemented to eliminate the hazard of LBP in housing. LBPs can exist on any painted surface. Such paint, if properly maintained and in good condition, poses little risk. However, damaged or deteriorated surfaces can present a health threat, especially to children under six years of age. Chipping or peeling paint poses a threat if ingested, however, the greatest danger lies in the inhalation of dust particles.

A comprehensive survey is beyond the scope of this Phase I ESA. The LBP survey conducted at the subject property was necessarily limited to a visual inspection of readily accessible areas. Particular attention was focused on identifying deteriorated areas of painted surfaces and frequent impact surfaces such as window and door frames. Bulk sampling and analysis of suspect LBPs were not included within the scope of this survey.

Painted surfaces were observed throughout the subject building. The original painted surfaces are considered to contain LBP based on the subject building's date of construction. The painted surfaces observed were in sound condition at the time of the property inspection, with no visible areas of chipping or peeling.

4.12 Polychlorinated Biphenylic Compounds

The use of Polychlorinated Biphenylic (PCB) compounds was widespread in various manufacturing and industrial applications due to their superior dielectric, lubricating and fire-retardant properties prior to their federal ban in 1979. Pioneer's focus has been limited to the more common potential PCB sources, which include dielectric fluids used in electrical equipment, such as transformers and capacitors, unless otherwise stated.

Pioneer observed a pad-mounted transformer located south of the subject building and two floor-mounted transformers located in the eastern warehouse area of the subject building. Visual inspection of these transformers noted that they appeared to be in sound condition, with no staining or other evidence of leakage observed. The pad-mounted transformer located south of the subject building is owned and maintained by Pacific Gas & Electric (PG&E). According to information received from PG&E, all PG&E transformers in California are considered non-PCB containing. The transformers located in the subject building were labeled as being manufactured by Jeffries Transformer. Pioneer contacted Romac Electrical Equipment (Romac), a distributor of Jeffries transformers, regarding the transformers on site. A representative from Romac indicated that the Jeffries transformers on site are "dry," indicating that they are non-PCB containing. Therefore, the transformers are not expected to represent an environmental concern to the subject property.

The ballasts associated with fluorescent light fixtures are also possible sources of PCBs depending on their specific manufacturer and the date of manufacture. Equipment containing PCBs that is old, neglected, or damaged may leak and is therefore potentially hazardous depending on the actual PCB content and the specific PCB isomer involved. As a result, Pioneer includes a discussion of this equipment although this specific potential source of PCBs is beyond the scope of the ASTM standard.

Fluorescent light ballasts were observed throughout the subject building. The ballasts are considered potential sources of PCBs, based upon their potential age. In general, these light fixtures appeared to be in sound condition, and no signs of fluid leakage were noted from their ballasts at the time of the recent site inspection.

5.0 ENVIRONMENTAL DATABASE REVIEW

5.1 Introduction

The purpose of this section is to identify sites within a prescribed distance from the subject property that are listed on standard environmental databases that may have a potential impact on the subject property in accordance with Section 7.2 of the ASTM Standard. The following is a list of federal and state databases searched for the area surrounding the subject property; the search distances are noted in parenthesis.

- NPL: The National Priorities List is a federal list of abandoned or uncontrolled hazardous waste sites identified for priority remedial action under the Superfund program (1.0 mile).
- CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System is a compilation of the sites that the EPA has investigated or is currently investigating, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) for a release or threatened release of a hazardous substance. It also includes abandoned or uncontrolled waste sites identified under the federal Superfund program (0.5 mile). Sites that have been investigated and subsequently de-listed from CERCLIS are designated as No Further Remedial Action Planned (NFRAP) sites (subject and adjacent properties.
- RCRIS: The Resource Conservation and Recovery Information System is a listing of facilities that are regulated by the Resource Conservation and Recovery Act (RCRA). RCRIS lists facilities that treat, store or dispose (TSD) of hazardous waste (1.0 mile) and identifies hazardous waste handlers with corrective action (CORRACTS) activity (1.0 mile). RCRIS also lists small-quantity generators (SQGs) and large-quantity generators (LQGs) of hazardous waste (subject and adjacent properties).
- ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances (subject property only).
- UST: The Underground Storage Tank database lists USTs registered with local government agencies and is maintained by the State Water Resources Control Board (subject property and adjacent properties).
- LUST: The Leaking Underground Storage Tank records contain an inventory of LUST incidents reported to the state (0.5 mile).
- VCP: The California Voluntary Cleanup Program (VCP) database includes properties that are enrolled in the state s voluntary clean-up program (0.5 mile).
- CALSITES: The Calsites database contains potential or confirmed hazardous substance release properties maintained by the California EPA. The Calsites database is the state equivalent to the NPL or CERCLIS (1.0 mile).
- SWF/LF: The Solid Waste Facilities/Landfills records typically contain an inventory of solid waste disposal facilities or landfills, active or inactive, in a particular state (0.5 mile).

It should be noted that a Public Records Act request would be required to obtain more information concerning the compliance status of any of the sites identified during the environmental database review. This request may take approximately four weeks to obtain. As a matter of standard practice, Pioneer would require client authorization prior to initiation of the process. Any pertinent information subsequently received would then be forwarded to the client and amendments, if warranted, to any recommendations made in this report would be evaluated at that time.

5.2 Federal & State Notifiers/Listings

Environmental Data Resources, Inc. (EDR) provided regulatory information for the site and surrounding properties using a database search. Properties/listings identified in *The EDR Radius Map™ Report* within the ASTM minimum search distances from the subject property include the following: one RCRA CORRACTS site, 20 LUST incidents, 12 Calsites listings, and one SWF site. Specific information regarding all of these listings can be found in the complete EDR report, which is included as Appendix G to this report. As a note, distances of some of the listed sites have been adjusted based upon field observations and the actual borders of the subject property.

The subject property, listed as "Levitz" and "Levitz Furniture," was identified as on the HAZNET database, which identifies sites that have utilized hazardous waste manifests as reported to the state of California. The subject property was reported to dispose of 0.5 tons of an "unspecified organic liquid mixture," 0.25 tons of "contaminated soil from site clean-ups," and 0.25 tons of "other organic solids." No violations have been reported for the subject property.

All of the sites/listings identified on the federal and state environmental databases, within the ASTM minimum search distances, are located approximately one-eighth of a mile or greater from the subject property. Therefore, based on the available information and/or their distances, Pioneer does not believe that these sites represent recognized environmental conditions to the subject property at this time.

6.0 FINDINGS & OPINIONS

Based on the information gathered during this Phase I Environmental Site Assessment, within the scope of this investigation and pursuant to the requirements of ASTM Standard Practice E 1527-00, the following findings and opinions are presented below:

1. *Recognized Environmental Conditions*:

   - None

2. *Historical Recognized Environmental Conditions*:

   - Available information indicated that a service station was historically located on the northeast portion of the subject property from the early 1960s until approximately 1971. ATC performed subsurface investigations at the subject property during 1999. Results indicated that low-level xylenes were present in one soil sample, and that ethylbenzene, toluene, xylenes, and total petroleum hydrocarbons as diesel (TPHd) were present in various combinations at two grab groundwater sample locations. Following the subsurface investigations, the City of San Leandro issued a *No Further Action Required* letter for the subject property on November 22, 1999. Therefore, the subject property has been adequately characterized and the former service station does not represent a recognized environmental condition.

3. *De Minimis Conditions*:

   - None

4. *Business Environmental Risks*:

   - Limited areas of soil contamination associated with the historical on-site service station have been identified on the subject property. If future redevelopment activities will

require the excavation of soil from known impacted areas, the material will require handling in accordance with applicable solid waste regulations.

- As outlined in Section 4.10, suspect asbestos-containing materials, in the form of 2' x 4' ceiling tiles, 12" x 12" floor tiles, and drywall and associated tape/joint compound, were observed throughout the subject building. These materials were generally in good condition at the time of the recent site inspection and, thus, do not represent an immediate environmental concern. A review of original building supply lists, manufacturer's documentation, and/or analytical testing would be necessary to provide a definitive determination of the asbestos content of these suspect materials. It is important to note that, prior to renovation or demolition activities, when ACMs could be disturbed, the suspect materials should be analyzed and, if necessary, handled according to federal, state and local regulations.

- Painted surfaces observed throughout the interior and exterior of the subject building are considered to contain lead-based paint (LBP) based on the date of construction. Currently, there are no federal environmental regulations that require the testing, abatement or notification of LBP in non-residential structures. However, it should be noted that the Occupational Safety & Health Administration (OSHA) regulates construction work (such as demolition or renovation activities) where an employee may be occupationally exposed to lead.

- Fluorescent light ballasts observed in the subject building are considered potential sources of PCBs, based on their suspected age. In general, these light fixtures appeared to be in sound condition, and no signs of fluid leakage were noted from their ballasts. Therefore, Pioneer believes these fluorescent light fixtures do not represent an immediate environmental concern to the subject property. However, if the ballasts are to be removed or subsequently determined to be leaking, Pioneer recommends that the PCB content be determined for proper disposal and/or handling procedures.

5. *Off-site Environmental Issues*:

- None

7.0 CONCLUSIONS

Pioneer Engineering & Environmental Services, Inc. has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-00 of the subject property located at 3199 Alvarado Street in San Leandro, California. Any exceptions to, or deletions from, this practice are expressed herein. Upon completion of this report, no recognized environmental conditions (RECs) were identified in connection with the subject property.

8.0 CLOSING REMARKS

Pioneer warrants that the findings and conclusions contained herein have been promulgated in accordance with ASTM Standard Practice E 1527-00, *Phase I Environmental Site Assessment Process*, only for the site described in this report. No environmental assessment can eliminate the uncertainty regarding the potential for recognized environmental conditions in connection with a property. The Phase I ESA is designed to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a property.

Due to the limited nature of the work, there is a possibility that conditions may exist which could not be identified within the scope of the assessment, or which were not apparent at the time of the report preparation. The scope of the Phase I ESA does not include the sampling or analytical testing of substances encountered at the subject site. Consequently, a subsurface investigation would be necessary in order to analytically determine the environmental condition of the subject site.

Pioneer is not responsible for independently verifying the information provided. Further, Pioneer cannot be held responsible if the user, current owner or key site manager does not communicate to Pioneer any specialized knowledge or experience that is material to recognized environmental conditions in connection directly or indirectly with the subject property.

This report has been prepared for the sole use of the Client identified in the report and can not be relied upon by other persons or entities without the joint permission of the Client and Pioneer. The observations and conclusions contained herein are limited by the scope and intent of the work mutually agreed upon by the Client and Pioneer and the work actually performed. Pioneer believes the findings and conclusions provided in this report are reasonable. However, no warranties are implied or expressed.

Pioneer appreciates the opportunity to be of service to you on this project. We hope this information meets your needs at this time. If you have any questions regarding this initial assessment, please contact us at (312) 587-1021.

9.0 REFERENCES

Alameda County Fire Department. Request for inspection records and UST/AST records related to the subject site. December 6, 2002.

Environmental Data Resources, Inc. (EDR). *EDR Radius Map™ Report*, Levitz Furniture, 3199 Alvarado Street, San Leandro, CA. December 3, 2002..

Gulledge, Mr. Wayne. Warehouse Supervisor. On-site interview and *Property Owner and/or Key Site Manager Questionnaire*. December 9, 2002.

Pacific Aerial Surveys. "Aerial Photographs." Aerial photo review performed December 9, 2002.

San Leandro Building Department. Request for building permits, inspection records, UST/AST records related to the subject site. December 6, 2002.

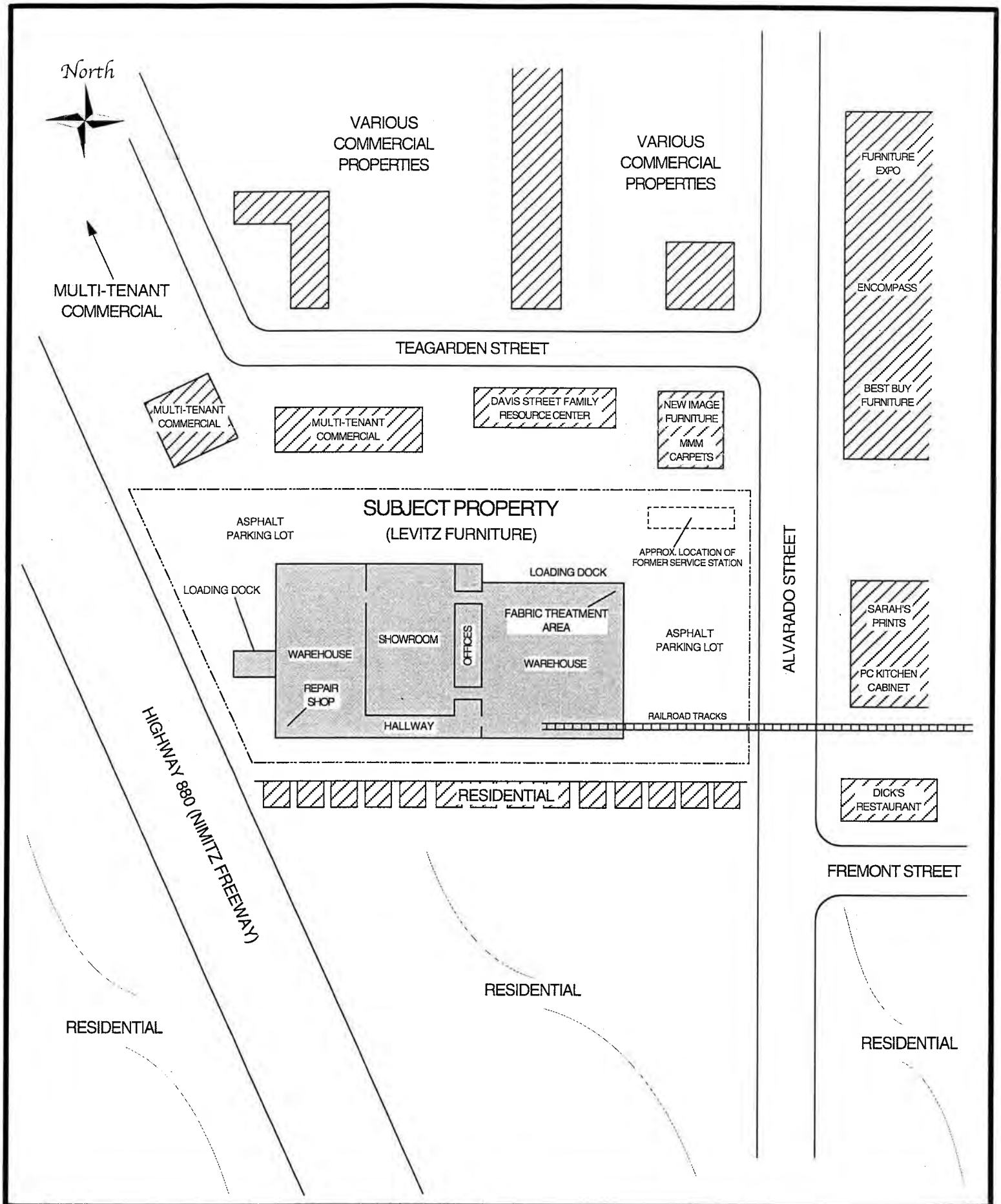
San Leandro Department of Environmental Services. Request for environmental records, inspection records, UST/AST records related to the subject site. December 6, 2002.

United States Department of Agriculture Natural Resources Conservation Services. *Soil Survey of Alameda County West, California,* dated 1977.

United States Geological Survey. "7.5 Minute Series Topographic Maps, San Leandro, California Quadrangle." U of Illinois at Chicago Library. Docs/Maps Dept.

FIGURE 1

SITE DIAGRAM



PIONEER
Engineering & Environmental Services, Inc.

Legend:
SUBJECT PROPERTY BORDER

Scale: 1" = 250'	Date: December 2002
Drawn by: C. Kubacki	Checked by: M. Wells-Paske
Job No.: 02994	

Figure 1
Site Diagram
3199 Alvarado Street
San Leandro, California

APPENDIX A

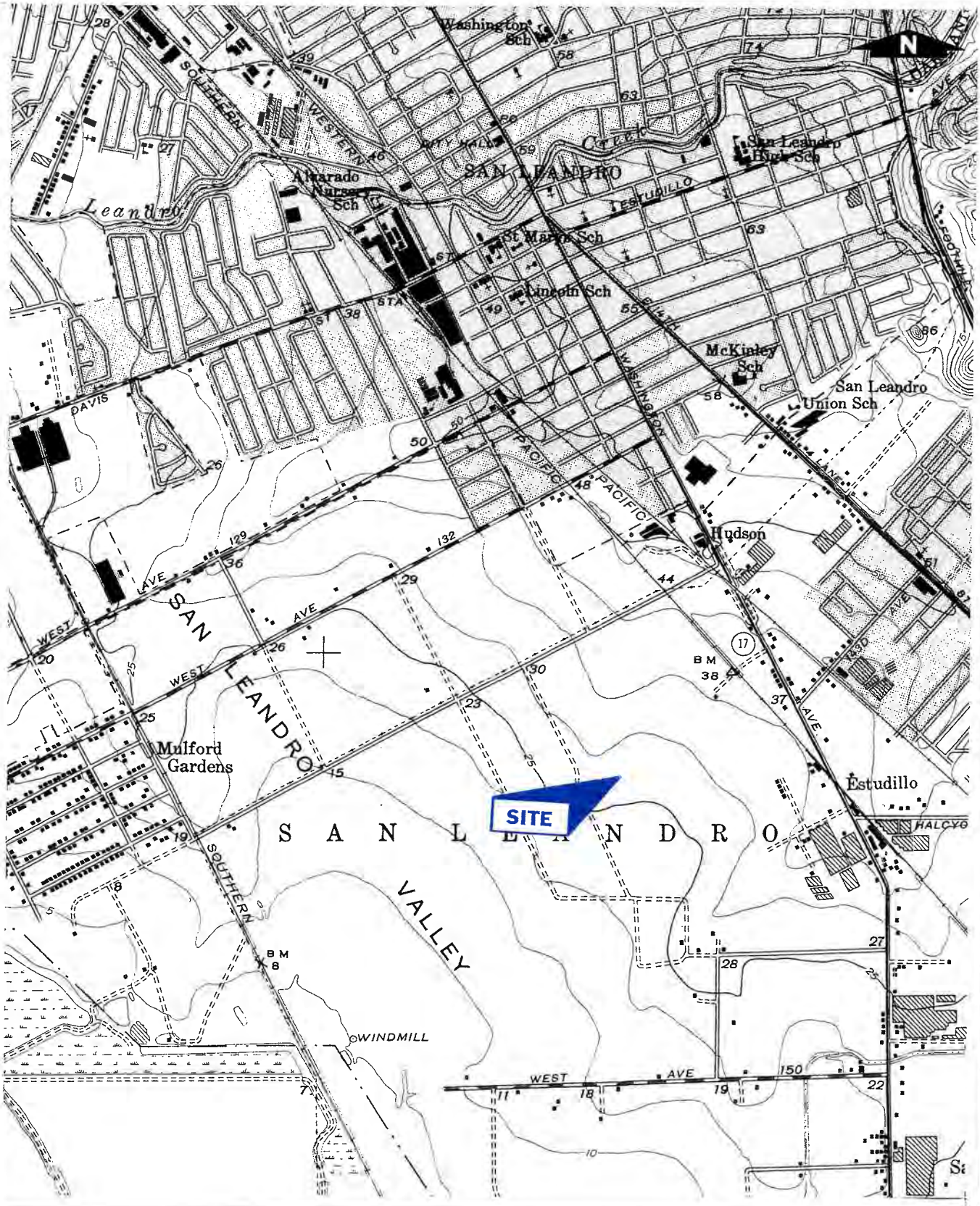
AREA MAP



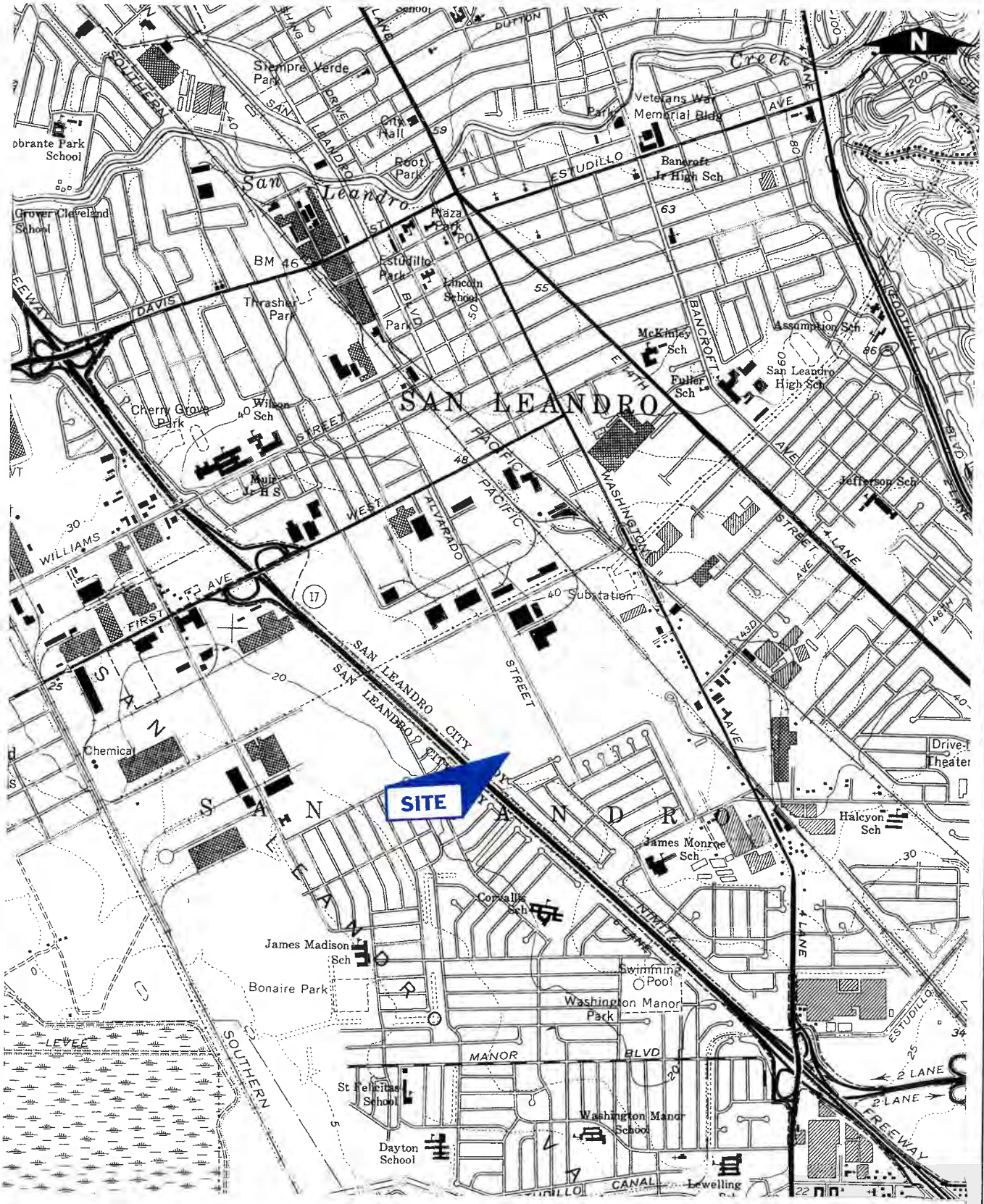
PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**AREA MAP**
	Project Number: 02-994	Date: 2001

APPENDIX B

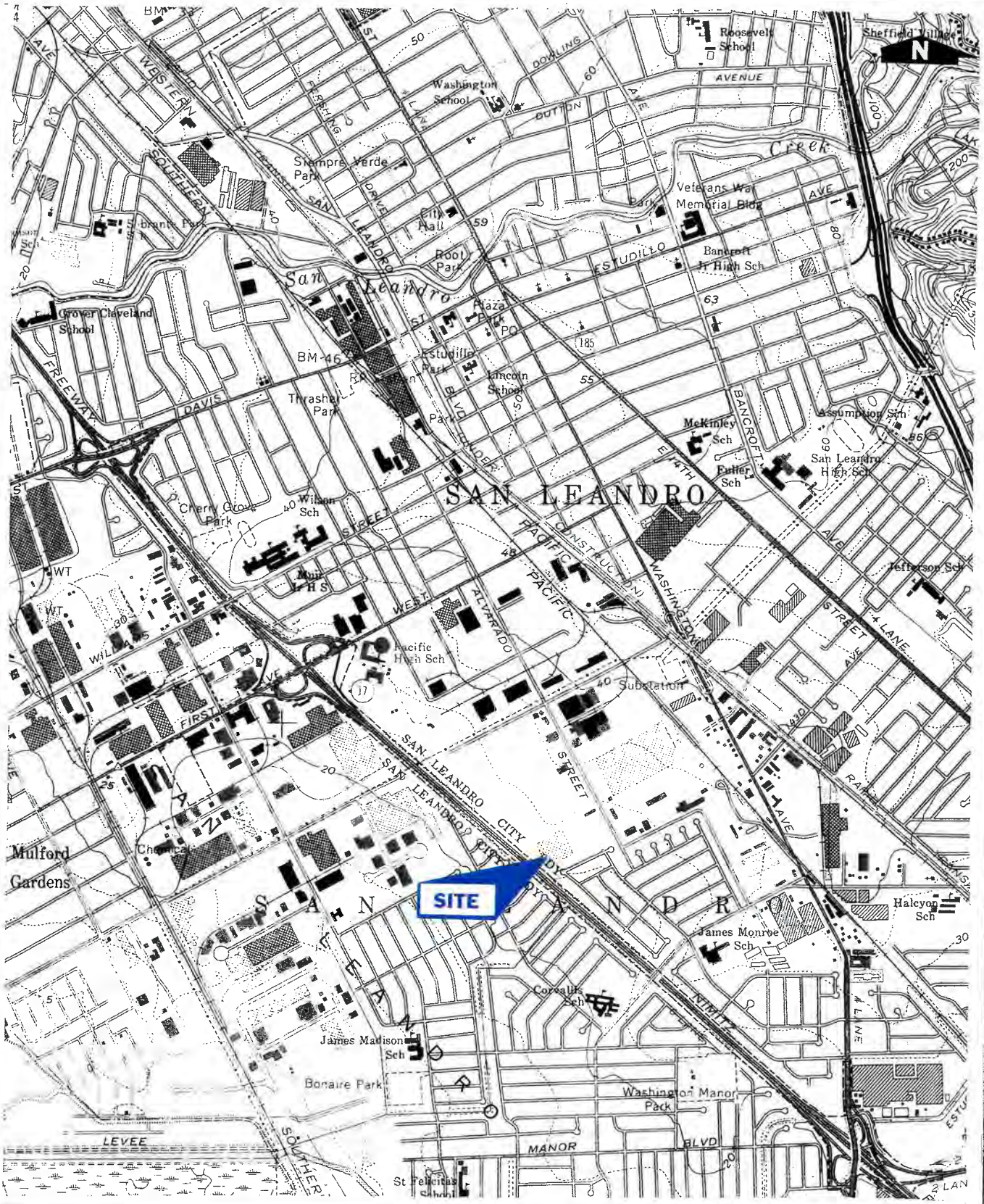
USGS TOPOGRAPHIC MAPS



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W
	Project Number: 02-994	SCALE: 1" = 2000' DATE: 1948



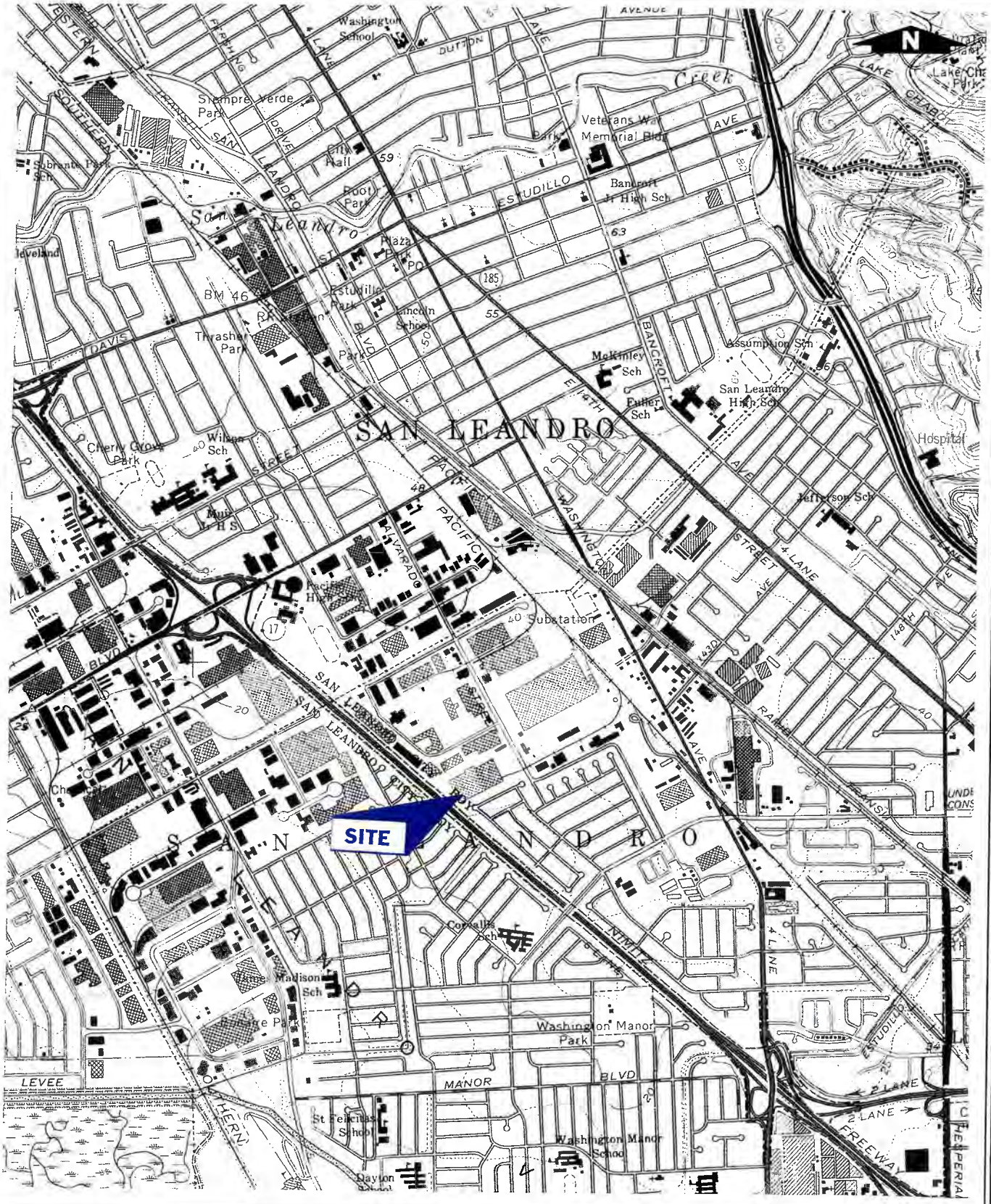
PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W	
	Project Number: 02-994	SCALE: 1" = 2000'	DATE: 1959



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W
	Project Number: 02-994	SCALE: 1" = 2000' DATE: 1968



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W	
	Project Number: 02-994	SCALE: 1" = 2000'	DATE: 1973



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W
	Project Number: 02-994	SCALE: 1" = 2000' | DATE: 1980



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**USGS TOPOGRAPHIC MAP** SAN LEANDRO, CA. QUADRANGLE SITE: T.3S, R.3W	
	Project Number: 02-994	SCALE: 1" = 2000'	DATE: 1993

APPENDIX C

AERIAL PHOTOGRAPHS



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**AERIAL PHOTOGRAPH**
	Project Number: 02-994	DATE: 1947



PIONEER Engineering & Environmental Services, Inc.

3199 Alvarado Street
San Leandro, California

AERIAL PHOTOGRAPH

Project Number: 02-994

DATE: 1959



PIONEER Engineering & Environmental Services, Inc.

3199 Alvarado Street
San Leandro, California

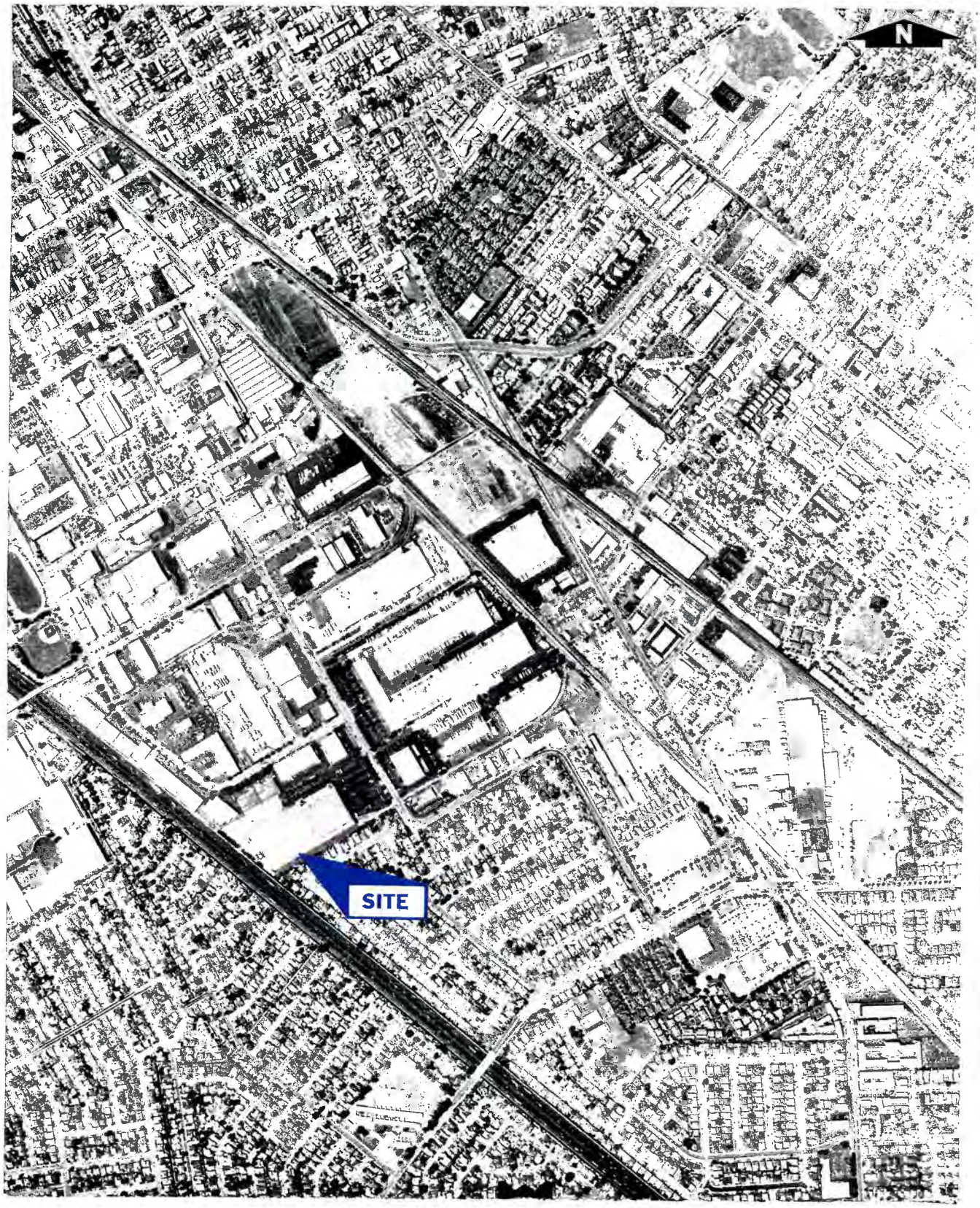
AERIAL PHOTOGRAPH

Project Number: 02-994

DATE: 1969



PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	**AERIAL PHOTOGRAPH**
	Project Number: 02-994	DATE: 1975



PIONEER Engineering & Environmental Services, Inc.

3199 Alvarado Street
San Leandro, California

AERIAL PHOTOGRAPH

Project Number: 02-994

DATE: 2002

APPENDIX D

CITY OF SAN LEANDRO
NO FURTHER ACTION REQUIRED LETTER

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577



November 22, 1999

Chris Bartzokis
Levitz Furniture Corporation
7887 North Federal Highway
Boca Raton FL 33487-1613

Dear Mr. Bartzokis:

Notice of No Further Action Required – Levitz Furniture Site
3199 Alvarado Street, San Leandro CA

This letter confirms the completion of subsurface investigation and characterization for the underground storage tank operation formerly located at the above-mentioned site. Thank you for your cooperation and promptness throughout this investigation.

Based on the subsurface investigation data and information in the site file, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action is required related to the former underground storage tanks.

If you have any questions, please call Tiffany Treece, Environmental Protection Specialist at (510) 577-6031.

Sincerely,

Michael Bakaldin
Environmental Services Manager

cc: Drew Van Allen, ATC Associates

Shelia Young, Mayor

City Council: Gordon A. Galvan; Garry A. Loeffler; Bob Glaze; Joanne M. Lothrop; Surlene G. Grant; Glenda Nardine

APPENDIX E

PROPERTY OWNER QUESTIONNAIRE

PIONEER Engineering & Environmental Services, Inc.

700 North Sacramento Boulevard, Suite 100 • Chicago, Illinois 60612
312.587.1021 • Fax: 312.587.8210
www.pioneerenvironmental.com

Property Owner and/or Key Site Manager Questionnaire:

This questionnaire has been developed in accordance with the American Society for Testing and Materials (ASTM) standard E 1527 - 00. The purpose of this questionnaire is to create a foundation and preliminary history of the subject property and to obtain information regarding recognized environmental conditions in connection with the subject property.

Please answer the following questions to the best of your knowledge with a yes, no, or unknown response and elaborate, wherever possible, in the space provided below. A copy of the completed questionnaire will be included as an appendix to the Phase I Environmental site Assessment performed for the subject site

1. Has the property or adjoining properties been used for industrial purposes in the past or present?

Yes ✓ No_____ Unknown_____

2. To the best of your knowledge has the property or any adjoining properties been used as a gasoline service station, commercial printing facility, dry cleaners, photo developing lab, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility in the past or present?

Yes_____ No_____ Unknown ✓

3. Are there currently, or to the best of your knowledge have there been previously, facility operations involving the treatment, storage, disposal generation or handling of petroleum/hazardous substances at the site or adjoining properties?

Yes_____ No ✓ Unknown_____

4. Are there or has there ever been any underground storage tanks located on the property or at the facility?

Yes_____ No_____ Unknown ✓

5. Are there or has there ever been any above ground storage tanks located on the property or at the facility?

Yes_____ No_____ Unknown ✓

6. Are there or has there ever been any underground storage containers associated with hydraulic equipment located on the property or at the facility?

Yes_____ No_____ Unknown__✓__

7. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's, and if so where are they located?

Yes_____ No_____ Unknown__✓__

8. Have there ever been any asbestos-containing building materials present in the subject building?

Yes_____ No_____ Unknown__✓__

9. Are there, or to the best of your knowledge has there been, any facility operations which require monitoring by a state or federal environmentally-related agency or program?

Yes_____ No__✓__ Unknown_____

10. Are there, or to the best of your knowledge has there been, any substances used on site for which Material Safety Data Sheets (MSDS) are required to be maintained?

Yes__✓__ No_____ Unknown_____

11. Are there currently, or to the best of your knowledge have there ever been any wastes generated on site that require disposal as special waste or hazardous waste?

Yes_____ No__✓__ Unknown_____

12. Is the property served by a private on-site well?

Yes_____ No__✓__ Unknown_____

13. Are there currently or have there been any pits, ponds, or lagoons whether natural, septic, or industrial related located on the property or at the facility?

Yes_____ No_✓_ Unknown_____

14. Does the property discharge waste water on or adjacent to the property other than storm water into a sanitary sewer system?

Yes_✓_ No_____ Unknown_____

15. If the facility is discharging into the municipal sewer system has contact been made with the pre-treatment coordinator regarding the effluent?

Yes_____ No_____ Unknown_✓_

16. Has fill dirt been brought onto the property?

Yes_____ No_✓_ Unknown_____

17. Have there ever been any materials identified or unidentified disposed of , burned, or buried on the property?

Yes_____ No_____ Unknown_✓_

18. Has there ever been any environmental assessments, feasibility studies or any other environmentally-related activities performed on the property?

Yes_____ No_____ Unknown_✓_

19. Has there ever been any pending, threatened or past lawsuits, administrative proceedings, and/or government notices regarding a release or threatened release; improper storage or handling practices on the subject property?

Yes_____ No_____ Unknown_✓_

20. Has there ever been any environmental liens assessed against the subject property?

Yes_____ No_____ Unknown__✓__

21. Has there ever been any petroleum or hazardous substance spills or releases, known, suspected, or reported to have occurred at the subject property?

Yes_____ No_____ Unknown__✓__

This questionnaire was answered:

Date: 12/9/02

This questionnaire was answered by :

Name: Wayne Gulledge II

Signature: Wayne K Gulledge II

Title: Warehouse Supervisor

Firm: Levitz Furniture

Date: 12/9/02

APPENDIX F

PHOTOGRAPHIC LOG



General view of subject property from east



View of subject property from northwest



General view of east warehouse



View of fabric treatment area in northeast corner of east warehouse

PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	PHOTOGRAPHIC LOG Project Number: 02-994 December 9, 2002



General view of west warehouse



View of repair shop in southwest corner of west warehouse



General view of showroom

PIONEER Engineering & Environmental Services, Inc.	3199 Alvarado Street San Leandro, California	PHOTOGRAPHIC LOG Project Number: 02-994 December 9, 2002

APPENDIX G

ENVIRONMENTAL DATABASE REVIEW

The EDR Radius Map™ Report

Levitz Furniture
3199 Alvarado Ave.
San Leandro, CA 94577

Inquiry Number: 890677.1s

December 03, 2002

Environmental Data Resources, Inc.

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-ROG

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Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	164
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

3199 ALVARADO AVE.
SAN LEANDRO, CA 94577

COORDINATES

Latitude (North):	37.703400 - 37° 42' 12.2"
Longitude (West):	122.150700 - 122° 9' 2.5"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	574868.1
UTM Y (Meters):	4173042.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2437122-F2 SAN LEANDRO, CA
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LEVITZ 3199 ALVARADO STREET SAN LEANDRO, CA 94577	HAZNET	N/A
LEVITZ FURNITURE 3199 ALVARADO ST SAN LEANDRO, CA 94577	HAZNET	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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
RCRIS-TSD..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

Toxic Pits..... Toxic Pits Cleanup Act Sites

EXECUTIVE SUMMARY

WMUDS/SWAT..... Waste Management Unit Database
UST..... List of Underground Storage Tank Facilities
VCP..... Voluntary Cleanup Program Properties

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CLEANERS..... Cleaner Facilities
CA WDS..... Waste Discharge System
DEED..... List of Deed Restrictions

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

FEDERAL ASTM STANDARD

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 05/02/2002 has revealed that there is 1

CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENERAL ELECTRIC CO	*5441 E 14TH ST*	*1/2 - 1 NNE*	*W116*	*149*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GNB INC	*2993 TEAGARDEN ST*	*1/8 - 1/4 WNW*	*D21*	*22*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 5 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
STANDARD T CHEMICAL COMPANY IN	*3016 ALVARADO STREET*	*1/8 - 1/4 NNW*	*B4*	*7*
AMPECO	*3051 TEAGARDEN ST*	*1/8 - 1/4 NW*	*C8*	*11*
UNISOURCE	*3004 ALVARADO ST*	*1/8 - 1/4 NNW*	*B10*	*12*
DURA STRIP OF SAN LEANDRO	*2996 TEAGARDEN ST*	*1/8 - 1/4 WNW*	*D19*	*20*
DOHERTY N DUNNE	*2972 TEAGARDEN*	*1/8 - 1/4 WNW*	*25*	*25*

STATE ASTM STANDARD

AWP: California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 10/04/2002 has revealed that there are 6 AWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
U. S. CAN COMPANY SITE	*2756 ALVARADO STREET*	*1/4 - 1/2 NNW*	*28*	*28*
CINTAS CORPORATION	*777 139TH AVENUE*	*1/2 - 1 NE*	*L56*	*59*
SIMMONS - SOILS	*1465 FACTOR AVENUE/1700*	*1/2 - 1 W*	*70*	*83*
DANA CORPORATION	*2799 MILLER STREET*	*1/2 - 1 W*	*77*	*92*
SINGER FRIDEN	*2350 / 2450 WASHINGTON*	*1/2 - 1 N*	*87*	*103*
GENERAL ELECTRIC CO	*5441 E 14TH ST*	*1/2 - 1 NNE*	*W116*	*149*

EXECUTIVE SUMMARY

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 12 Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
U. S. CAN COMPANY SITE	*2756 ALVARADO STREET*	*1/4 - 1/2 NNW*	*28*	*28*
TRANSCON LINES	*601 ALADDIN AVE*	*1/4 - 1/2 N*	*J49*	*49*
CINTAS CORPORATION	*777 139TH AVENUE*	*1/2 - 1 NE*	*L56*	*59*
SIMMONS - SOILS	*1465 FACTOR AVENUE/1700*	*1/2 - 1 W*	*70*	*83*
CENTURY PLATING COMPANY INC	*1124 139TH AVENUE*	*1/2 - 1 NE*	*72*	*86*
INTERCOASTAL PAINT COMPANY	2411 WASHINGTON AVENUE	1/2 - 1 N	76	91
DANA CORPORATION	*2799 MILLER STREET*	*1/2 - 1 W*	*77*	*92*
STAEFA CONTROL SYSTEM INC	*2481 SAN LEANDRO BOULEV*	*1/2 - 1 N*	*78*	*93*
HUDSON I C S	*400 HUDSON LANE*	*1/2 - 1 N*	*Q84*	*100*
SINGER FRIDEN	*2350 / 2450 WASHINGTON*	*1/2 - 1 N*	*87*	*103*
PETERSON TRACTOR FACILITY	955 MARINA BOULEVARD	1/2 - 1 NW	R94	115
GENERAL ELECTRIC CO	*5441 E 14TH ST*	*1/2 - 1 NNE*	*W116*	*149*

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 3 CHMIRS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	595 MONTAGUE AVENUE	1/2 - 1 NNW	65	73
Not reported	1244 136TH AVENUE	1/2 - 1 NNE	86	102
Not reported	*9800 E 14TH ST*	*1/2 - 1 NNE*	*V114*	*144*

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 68 Cortese sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MONTGOMERY WARD	*3000 ALVARADO*	*1/8 - 1/4 NNW*	*B13*	*14*
AMARAL SAUSAGE	*735 FREMONT AVE*	*1/4 - 1/2 ESE*	*26*	*25*
WILLAMETTE INDUSTRIES	*2800 ALVARADO*	*1/4 - 1/2 NNW*	*27*	*27*
S & S BUILDING SUPPLY INC	*701 FREMONT AVE*	*1/4 - 1/2 ESE*	*29*	*30*
BICOASTAL PROPERTIES	*2711 ALVARADO ST*	*1/4 - 1/2 NNW*	*F30*	*32*
LARSEN BROTHERS LUMBER	*14200 WASHINGTON*	*1/4 - 1/2 ENE*	*G32*	*33*
SAN LEANDRO RENTALS	*14273 WASHINGTON AVE*	*1/4 - 1/2 E*	*H35*	*36*
BONAIR AUTO REPAIR	*1380 OTTAWA ST*	*1/4 - 1/2 SW*	*38*	*40*
MORGAN BROTHERS PATIO	*14305 WASHINGTON AVE*	*1/4 - 1/2 E*	*I40*	*42*
ROGERS TRUCKING	*14327 WASHINGTON*	*1/4 - 1/2 E*	*I41*	*43*
PALACE GARAGE	*14336 WASHINGTON AVE*	*1/4 - 1/2 E*	*I43*	*45*
STEELFORM CONTRACTING COMPANY	*14340 WASHINGTON AVE*	*1/4 - 1/2 E*	*I46*	*47*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TRANSCON LINES	601 ALADDIN AVE	1/4 - 1/2 N	J49	49
ALADDIN HEATING CORP	1111 ALADDIN AVE	1/2 - 1 NW	K51	52
WASHINGTON SQUARE	14400 WASHINGTON AVE	1/2 - 1 E	52	55
S.L.U.S.D.	1145 ALADDIN AVE	1/2 - 1 WNW	K53	56
CONTAS CORP.	777 139TH AVE	1/2 - 1 NE	L55	58
K MART	250 FLORESTA	1/2 - 1 ESE	57	60
WESTERN STATES OIL CO	2709 TEAGARDEN ST	1/2 - 1 WNW	58	62
NONE	688 MONTAGUE	1/2 - 1 NNW	59	63
PARKSIDE COMMONS APARTMEN	900 143RD	1/2 - 1 NE	61	65
EVERGREEN	797 MONTAGUE AVE	1/2 - 1 NNW	M62	68
RAINBO DISTRIBUTORS	828 MONTAGUE AVE	1/2 - 1 NNW	M63	70
CONTINENTAL BAKING COMPAN	833 MONTAGUE	1/2 - 1 NNW	M64	71
NOVA INDUSTRIES INC	999 MONTAGUE AVE	1/2 - 1 NW	N66	74
STELLA D'ORO BISCUIT COMP	1000 MONTAGUE	1/2 - 1 NW	N67	75
SERVICE PLASTERING, INC.	1090 139TH AVE	1/2 - 1 NE	O68	76
PECHINEY PLASTIC PACKAGING INC	2450 ALVARADO ST	1/2 - 1 NNW	69	78
GOLDEN GRAIN	1111 139TH AVE	1/2 - 1 NE	O71	83
CENTURY PLATING COMPANY INC	1124 139TH AVENUE	1/2 - 1 NE	72	86
WELLS FARGO BANK	1188 MONTAGUE AVE	1/2 - 1 NW	73	86
BUILDING 4225	BLDG 4225 FORT ORD	1/2 - 1 E	P74	88
MAXWELL HOUSE DIVISION GENERAL	100 HALCYON DR	1/2 - 1 E	P75	90
PENSKE TRUCK LEASING COMP	2366 ALVARADO	1/2 - 1 NNW	79	95
SAAG'S PRODUCTS, INC.	1799 FACTOR AVE	1/2 - 1 W	80	95
RAINTREE CAR WASH	14610 WASHINGTON	1/2 - 1 ESE	81	96
WELLS FARGO BANK	2500 TEAGARDEN ST	1/2 - 1 NW	82	98
CHIPMAN CORPORATION	1717 FAIRWAY DR	1/2 - 1 W	85	101
SINGER FRIDEN	2350 / 2450 WASHINGTON	1/2 - 1 N	87	103
MOHINDERA BEACON	14798 WASHINGTON AVE	1/2 - 1 SE	88	104
SPENCER NAHM CO	620 MARINA BLVD	1/2 - 1 NNW	90	109
HUDSON ICS	400 HUDSON LANE	1/2 - 1 N	92	112
UNOCAL SERVICE STATION #4845	846 MARINA BLVD	1/2 - 1 NW	93	113
PETERSON TRACTOR CO.	955 MARINA BLVD.	1/2 - 1 NW	R95	115
CONCRETE WALL SAWING CO. INC.	14468 WICKS BLVD	1/2 - 1 WSW	97	117
MAXWELL PHYSICS INTERNATIONAL	2700 MERCED ST	1/2 - 1 W	98	118
ED CHOUANES FORD, INC	13889 E 14TH ST	1/2 - 1 NE	T99	120
ELLIS PROPERTY	12 MONTECITO ST	1/2 - 1 NE	T100	124
SEARS	2003 AVENUE 140TH W	1/2 - 1 WSW	101	126
METAL MENDING	868 ESTABROOK	1/2 - 1 NNW	102	127
MURRAY KELSOE	1066 MARINA BLVD	1/2 - 1 NW	U103	128
BEACON STATION #720	1088 MARINA BLVD	1/2 - 1 NW	U104	130
SAFEWAY PRESERVES PLANT	1111 MARINA BLVD	1/2 - 1 NW	S105	132
DIESEL RECON COMPANY	2100 ORCHARD AVE	1/2 - 1 NW	106	133
DORALS	2151 WAYNE	1/2 - 1 NW	107	135
JOE'S TIRE SERVICE	1200 MARINA BLVD	1/2 - 1 NW	108	136
SIMAS BROS SERVICE STATIO	14180 14TH	1/2 - 1 NE	109	138
CAR STORE THE	14285 14TH ST E	1/2 - 1 ENE	110	139
ROTO-ROOTER SEWER SERVICE	14985 WASHINGTON AVE	1/2 - 1 SE	111	140
REYNOLDS & BROWN	2565 MERCED ST	1/2 - 1 W	112	142
FARIA BROS. ACE HARDWARE	519 MANOR BLVD	1/2 - 1 SSE	113	143
SUPERIOR AUTO BODY	7933 E 14TH ST	1/2 - 1 NNE	V115	146
GENERAL ELECTRIC CO	5441 E 14TH ST	1/2 - 1 NNE	W116	149
QUAKER OATS CO THE	5625 E 14TH ST	1/2 - 1 NNE	W117	155
COLSONS GARAGE	5096 SIXTH ST	1/2 - 1 NNE	W118	158
GRAND AUTO	4240 E 014TH ST	1/2 - 1 NNE	W120	161

Lower Elevation	Address	Dist / Dir	Map ID	Page
UNION OIL SS #3690	14999 FARNSWORTH ST	1/2 - 1 S	89	105

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
CHEVRON	***1240 MANOR BLVD***	***1/2 - 1 S***	***91***	***110***

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there are 7 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UNITED STATES CAN COMPANY	***2756 ALVARADO***	***1/4 - 1/2 N***	***34***	***35***
TRANSCON LINES	601 ALADIN AVENUE	1/4 - 1/2 N	J47	48
NONE	***688 MONTAGUE***	***1/2 - 1 NNW***	***59***	***63***
SINGER - FRIDEN SITE	***2350 WASHINGTON AVE***	***1/2 - 1 N***	***Q83***	***99***
HUDSON ICS	***400 HUDSON LANE***	***1/2 - 1 N***	***92***	***112***
GM TRAINING CENTER	1444 MARINA	1/2 - 1 NW	S96	117
UNOCAL SERVICE STATION #2656	***4251 14TH, E.***	***1/2 - 1 NNE***	***W119***	***160***

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ALAMEDA CO INDUSTRIES DIRECT T	610 ALADDIN AVENUE	1/4 - 1/2 N	J50	50

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 07/11/2002 has revealed that there are 20 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MONTGOMERY WARD	***3000 ALVARADO***	***1/8 - 1/4 NNW***	***B13***	***14***
AMARAL SAUSAGE	***735 FREMONT AVE***	***1/4 - 1/2 ESE***	***26***	***25***
WILLAMETTE INDUSTRIES	***2800 ALVARADO***	***1/4 - 1/2 NNW***	***27***	***27***
S & S BUILDING SUPPLY INC	***701 FREMONT AVE***	***1/4 - 1/2 ESE***	***29***	***30***
BICOASTAL PROPERTIES	***2711 ALVARADO ST***	***1/4 - 1/2 NNW***	***F30***	***32***
Not reported	2711 ALVARADO ST	1/4 - 1/2 NNW	F31	33
LARSEN BROTHERS LUMBER	***14200 WASHINGTON***	***1/4 - 1/2 ENE***	***G32***	***33***
LARSON BROTHERS LUMBER	14200 WASHINGTON AVE	1/4 - 1/2 ENE	G33	35
SAN LEANDRO RENTAL	***14273 WASHINGTON AVE***	***1/4 - 1/2 E***	***H36***	***36***
BONAIR AUTO REPAIR	***1380 OTTAWA ST***	***1/4 - 1/2 SW***	***38***	***40***
MORGAN BROTHERS PATIOS	14305 WASHINGTON BLVD	1/4 - 1/2 E	I39	41
MORGAN BROTHERS PATIO	***14305 WASHINGTON AVE***	***1/4 - 1/2 E***	***I40***	***42***
ROGERS TRUCKING	***14327 WASHINGTON***	***1/4 - 1/2 E***	***I41***	***43***
Not reported	14336 WASHINGTON AVE	1/4 - 1/2 E	I42	45

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PALACE GARAGE	***14336 WASHINGTON AVE***	***1/4 - 1/2 E***	***I43***	***45***
PALACE GARAGE	14336 WASHINGTON AVE	1/4 - 1/2 E	I44	46
STEELFORM CONTRACTING CO	***14340 WASHINGTON AVE***	***1/4 - 1/2 E***	***I45***	***46***
STEELFORM CONTRACTING COMPANY	***14340 WASHINGTON AVE***	***1/4 - 1/2 E***	***I46***	***47***
TRANSCON LINES	601 ALADDIN AVE	1/4 - 1/2 N	J48	48
TRANSCON LINES	***601 ALADDIN AVE***	***1/4 - 1/2 N***	***J49***	***49***

BEP: Bond Expenditure Plan comes from the Department of Health Services.

A review of the CA BOND EXP. PLAN list, as provided by EDR, has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ONE HUNDRED THIRTY-NINTH STREE	750 139TH STREET	1/2 - 1 NE	L54	58
FACTOR AVENUE PLUME (NO. 1465)	1465 FACTOR AVENUE	1/2 - 1 W	60	65

CA FID: 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, has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TEAGARDEN FREIGHT TERMINAL	***3050 TEAGARDEN ST***	***1/8 - 1/4 NW***	***C6***	***9***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 4 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BROWN TRANSPORT CO.	3050 TEAGARDEN ST	1/8 - 1/4 NW	C9	11
MONTGOMERY WARD & CO. INC.	3000 ALVARADO ST	1/8 - 1/4 NNW	B12	13
MONTGOMERY WARD PRODUCT SERVIC	3000 ALVARADO ST	1/8 - 1/4 NNW	B14	16
MONTGOMERY WARD & CO., INC.	3000 ALVARADO ST	1/8 - 1/4 NNW	B15	16

STATE OR LOCAL ASTM SUPPLEMENTAL

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 2 CA SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
U. S. CAN COMPANY SITE	***2756 ALVARADO STREET***	***1/4 - 1/2 NNW***	***28***	***28***
TRW	820 ALADDIN AVE	1/4 - 1/2 NNW	37	39

EXECUTIVE SUMMARY

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 12 HAZNET sites within approximately 0.25 miles of the target property.

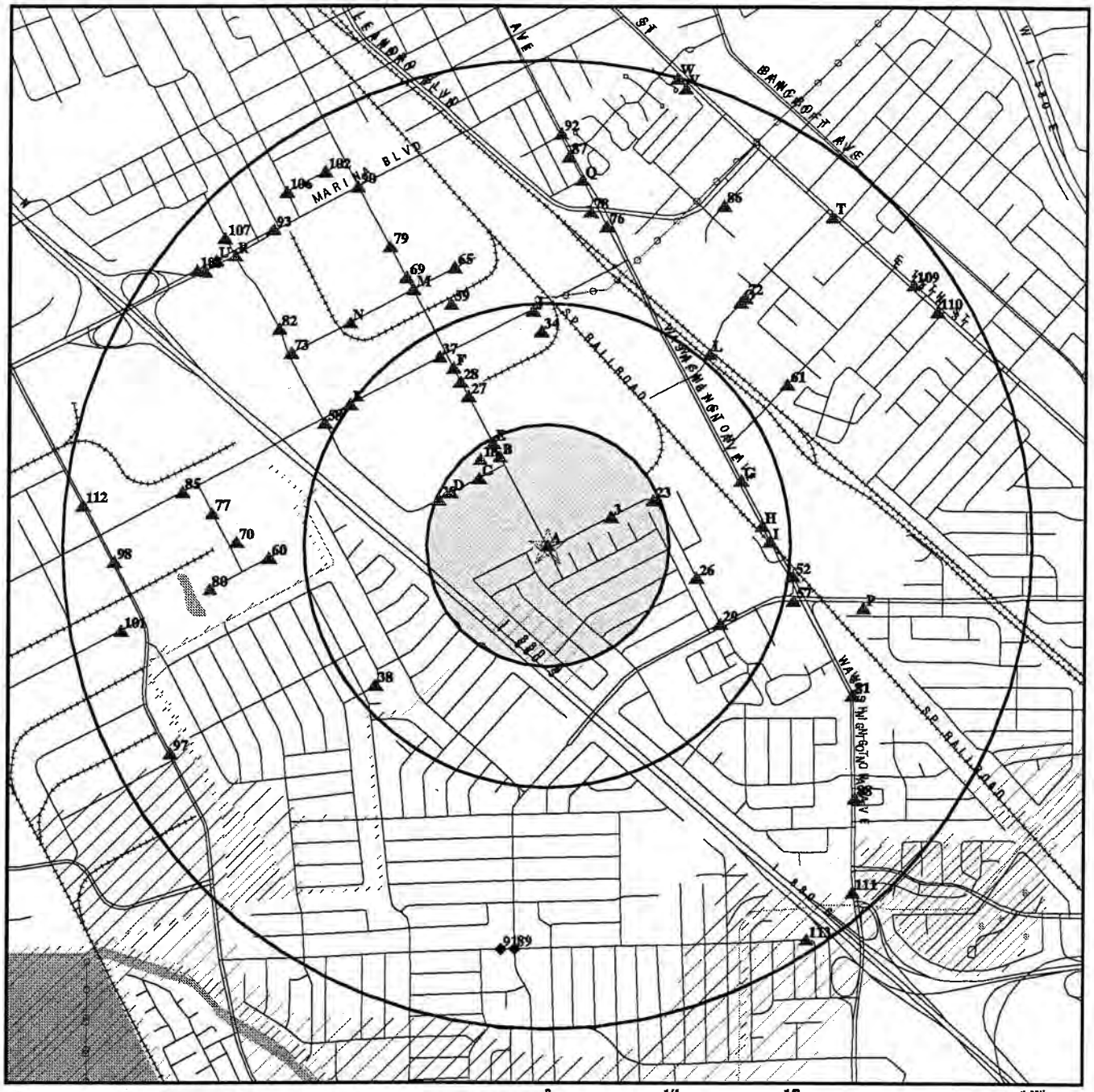
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
BINGHAM COMPANY	835 FREMONT AVE	1/8 - 1/4 ENE	3	6
HUMPHREY INSTRUMENTS CO	3081 TEAGARDEN ST	1/8 - 1/4 NW	B5	8
TEAGARDEN FREIGHT TERMINAL	***3050 TEAGARDEN ST***	***1/8 - 1/4 NW***	***C6***	***9***
VIKING FREIGHT INC	3050 TEAGARDEN	1/8 - 1/4 NW	C7	10
APT SAN LEANDRO INC.	3000 ALVARADO ST	1/8 - 1/4 NNW	B11	12
E-MAX MACHINING	3037 TEAGARDEN	1/8 - 1/4 NW	C16	17
HUMPHREY SYSTEMS	2992 ALVARADO ST	1/8 - 1/4 NNW	B17	17
BURLINGTON AIR EXPRESS	2998 H ALVARADO ST	1/8 - 1/4 NW	18	19
GOULD INC	2993 TEAGARDEN ST	1/8 - 1/4 WNW	D20	21
ALVARADO BUSINESS CENTER	2960-3081 ALVARADO ST	1/8 - 1/4 NNW	E22	22
MOBILE TRUCK SERVICES	799 FREMONT STREET	1/8 - 1/4 ENE	23	23
STRATEGIC MARKETING RESOURCES	2950 ALVARADO AVE	1/8 - 1/4 NNW	E24	24

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
SAN LEANDRO REGIONAL PLUME	Cal-Sites, AWP
PG&E PROPERTY	Cal-Sites
BERGEN TIRES INC	HAZNET, LUST, Cortese
PG&E GAS PLANT SAN LEANDRO	CERC-NFRAP
MARINA DSPL SITE	CERC-NFRAP
TROJAN POWDER WORKS	CERC-NFRAP
MAJOR SALVAGE CO	CERC-NFRAP
TONY LEMA GOLF COURSE LDFL	CERC-NFRAP
CALTRANS FRWY SHOULDER SOIL	HAZNET
OHM SAN LEANDRO CA	HAZNET

OVERVIEW MAP - 890677.1s - Pioneer Environmental



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Wetlands
- Areas of Concern

N

TARGET PROPERTY:	Levitz Furniture	CUSTOMER:	Pioneer Environmental
ADDRESS:	3199 Alvarado Ave.	CONTACT:	Christopher Kubacki
CITY/STATE/ZIP:	San Leandro CA 94577	INQUIRY #:	890677.1s
LAT/LONG:	37.7034 / 122.1507	DATE:	December 03, 2002 10:39 am

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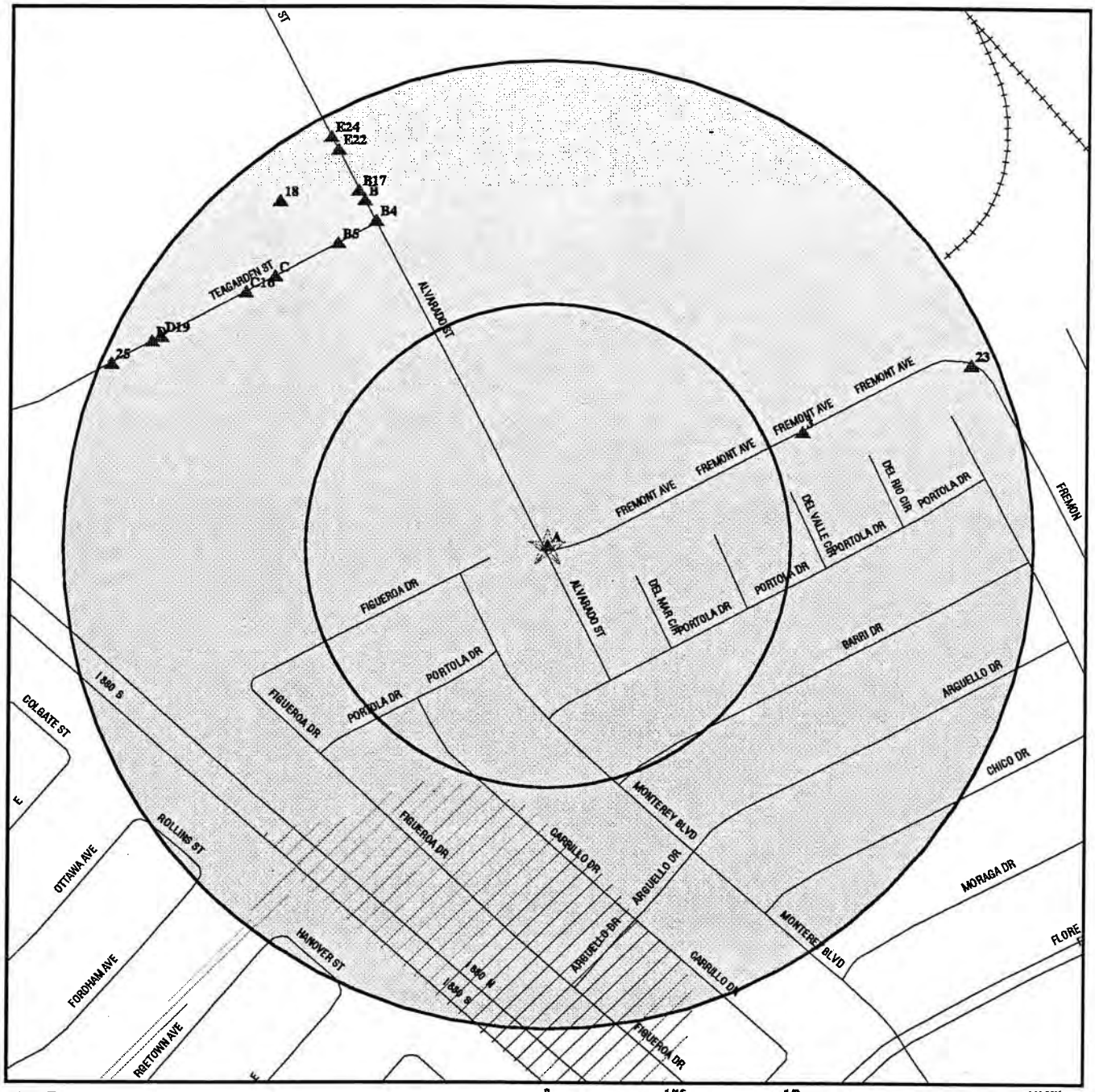
DETAIL MAP - 890677.1s - Pioneer Environmental



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Levitz Furniture	CUSTOMER:	Pioneer Environmental
ADDRESS:	3199 Alvarado Ave.	CONTACT:	Christopher Kubacki
CITY/STATE/ZIP:	San Leandro CA 94577	INQUIRY #:	890677.1s
LAT/LONG:	37.7034 / 122.1507	DATE:	December 03, 2002 10:41 am

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.		0.250	0	5	NR	NR	NR	5
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	1	5	NR	6
Cal-Sites		1.000	0	0	2	10	NR	12
CHMIRS		1.000	0	0	0	3	NR	3
Cortese		1.000	0	1	12	55	NR	68
Notify 65		1.000	0	0	2	5	NR	7
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	1	NR	NR	1
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	1	19	NR	NR	20
CA Bond Exp. Plan		1.000	0	0	0	2	NR	2
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	1	NR	NR	NR	1
HIST UST		0.250	0	4	NR	NR	NR	4
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	2	NR	NR	2
HAZNET	X	0.250	0	12	NR	NR	NR	12
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1
Target
Property

LEVITZ
3199 ALVARADO STREET
SAN LEANDRO, CA 94577

HAZNET **S103652426**
N/A

Site 1 of 2 in cluster A

HAZNET:

Gepaid:	CAC001162200
Tepaid:	CAD028409019
Gen County:	1
Tsd County:	Los Angeles
Tons:	.5000
Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Contact:	LEVITZ
Telephone:	(510) 352-6167
Mailing Address:	SAN LEANDRO, CA 94577
County	1

Gepaid:	CAC001162200
Tepaid:	CAD028409019
Gen County:	1
Tsd County:	Los Angeles
Tons:	.2500
Category:	Contaminated soil from site clean-ups
Disposal Method:	Transfer Station
Contact:	LEVITZ
Telephone:	(510) 352-6167
Mailing Address:	SAN LEANDRO, CA 94577
County	1

A2
Target
Property

LEVITZ FURNITURE
3199 ALVARADO ST
SAN LEANDRO, CA 94577

HAZNET **S104568912**
N/A

Site 2 of 2 in cluster A

HAZNET:

Gepaid:	CAC001489512
Tepaid:	CAT080033681
Gen County:	1
Tsd County:	Los Angeles
Tons:	0.25
Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Contact:	LEVITZ FURNITURE
Telephone:	(510) 352-6160
Mailing Address:	3199 ALVARADO ST SAN LEANDRO, CA 94577
County	1

3
ENE
1/8-1/4
757 ft.
Higher

BINGHAM COMPANY
835 FREMONT AVE
SAN LEANDRO, CA 94577

HAZNET **1002852147**
N/A

BINGHAM COMPANY (Continued) **1002852147**

HAZNET:

Gepaid:	CAL000088231
Tepaid:	CAD008302903
Gen County:	1
Tsd County:	Los Angeles
Tons:	2.0641
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	BINGHAM COMPANY
Telephone:	(000) 000-0000
Mailing Address:	835 FREMONT AVE SAN LEANDRO, CA 94577
County	1

Gepaid:	CAL000088231
Tepaid:	CAD008302903
Gen County:	1
Tsd County:	Los Angeles
Tons:	.4587
Category:	Organic liquids (nonsolvents) with halogens
Disposal Method:	Recycler
Contact:	BINGHAM COMPANY
Telephone:	(000) 000-0000
Mailing Address:	835 FREMONT AVE SAN LEANDRO, CA 94577
County	1

Gepaid:	CAL000088231
Tepaid:	CAD008302903
Gen County:	1
Tsd County:	Los Angeles
Tons:	.6880
Category:	Off-specification, aged, or surplus organics
Disposal Method:	Recycler
Contact:	BINGHAM COMPANY
Telephone:	(000) 000-0000
Mailing Address:	835 FREMONT AVE SAN LEANDRO, CA 94577
County	1

B4 **STANDARD T CHEMICAL COMPANY INC.** **RCRIS-SQG 1000310582**
NNW **3016 ALVARADO STREET** **FINDS CAD046410833**
1/8-1/4 **SAN LEANDRO, CA 94577**
1006 ft.
Higher **Site 1 of 9 in cluster B**

RCRIS:

Owner:	MONTGOMERY WARD & COMPANY INC. (312) 467-2129
EPA ID:	CAD046410833
Contact:	ENVIRONMENTAL MANAGER (415) 357-2900
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

STANDARD T CHEMICAL COMPANY INC. (Continued) **1000310582**

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B5 HUMPHREY INSTRUMENTS CO **HAZNET S102806431**
NW 3081 TEAGARDEN ST **N/A**
1/8-1/4 SAN LEANDRO, CA 94577
1008 ft.
Higher Site 2 of 9 in cluster B

HAZNET:

Gepaid:	CAD071699540
Tepaid:	CAD050806850
Gen County:	1
Tsd County:	Los Angeles
Tons:	.0700
Category:	Unspecified solvent mixture Waste
Disposal Method:	Recycler
Contact:	ZEISS/HUMPHREY SYSTEMS
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

Gepaid:	CAD071699540
Tepaid:	CAD050806850
Gen County:	1
Tsd County:	Los Angeles
Tons:	.0250
Category:	Empty pesticide containers 30 gallons or more
Disposal Method:	Recycler
Contact:	ZEISS/HUMPHREY SYSTEMS
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

Gepaid:	CAD071699540
Tepaid:	CAD050806850
Gen County:	1
Tsd County:	Los Angeles
Tons:	.0800
Category:	Off-specification, aged, or surplus organics
Disposal Method:	Recycler
Contact:	ZEISS/HUMPHREY SYSTEMS
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

HUMPHREY INSTRUMENTS CO (Continued) **S102806431**

Gepaid: CAD071699540
Tepaid: CAD050806850
Gen County: 1
Tsd County: Los Angeles
Tons: .2500
Category: Liquids with halogenated organic compounds > 1000 mg/l
Disposal Method: Transfer Station
Contact: ZEISS/HUMPHREY SYSTEMS
Telephone: (000) 000-0000
Mailing Address: 5160 HACIENDA DR
DUBLIN, CA 94568
County 1

Gepaid: CAD071699540
Tepaid: CAD050806850
Gen County: 1
Tsd County: Los Angeles
Tons: .0625
Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
Disposal Method: Transfer Station
Contact: ZEISS/HUMPHREY SYSTEMS
Telephone: (000) 000-0000
Mailing Address: 5160 HACIENDA DR
DUBLIN, CA 94568
County 1

The CA HAZNET database contains 25 additional records for this site.
Please contact your EDR Account Executive for more information.

C6 **TEAGARDEN FREIGHT TERMINAL** **HAZNET S101580495**
NW **3050 TEAGARDEN ST** **CA FID UST N/A**
1/8-1/4 **SAN LEANDRO, CA 94575**
1049 ft.
Higher **Site 1 of 5 in cluster C**

HAZNET:
Gepaid: CAC001479616
Tepaid: IND000646943
Gen County: 1
Tsd County: 99
Tons: 2.5228
Category: Unspecified organic liquid mixture
Disposal Method: ***
Contact: ASHLAND DISTRIBUTION CO
Telephone: (000) 000-0000
Mailing Address: 357 UTICA CT
SAN JOSE, CA 95123
County 1

TEAGARDEN FREIGHT TERMINAL (Continued) **S101580495**

FID:

Facility ID:	01003020	Regulate ID:	00067408
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 357-2868
Mail To:	Not reported 2401 S COLORADO SAN LEANDRO, CA 94575		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

C7 **VIKING FREIGHT INC** **HAZNET** **S104577252**
NW **3050 TEAGARDEN** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1049 ft.
Higher **Site 2 of 5 in cluster C**

HAZNET:

Gepaid:	CAL000074471
Tepaid:	CAD000088252
Gen County:	1
Tsd County:	Los Angeles
Tons:	0.0959
Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Contact:	VIKING FREIGHT INC
Telephone:	(408) 323-4183
Mailing Address:	6411 GUADALUPE MINES RD #2185 SAN JOSE, CA 95120 - 9002
County	1

Gepaid:	CAL000074471
Tepaid:	CAD000088252
Gen County:	1
Tsd County:	Los Angeles
Tons:	0.2293
Category:	Adhesives
Disposal Method:	Transfer Station
Contact:	VIKING FREIGHT INC
Telephone:	(408) 323-4183
Mailing Address:	6411 GUADALUPE MINES RD #2185 SAN JOSE, CA 95120 - 9002
County	1

Gepaid:	CAL000074471
Tepaid:	CAD000088252
Gen County:	1
Tsd County:	Los Angeles
Tons:	0.0125
Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Contact:	VIKING FREIGHT INC
Telephone:	(408) 323-4183
Mailing Address:	6411 GUADALUPE MINES RD #2185 SAN JOSE, CA 95120 - 9002
County	1

VIKING FREIGHT INC (Continued) **S104577252**

Gepaid: CAL000074471
Tepaid: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 0.5044
Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Recycler
Contact: VIKING FREIGHT INC
Telephone: (408) 323-4183
Mailing Address: 6411 GUADALUPE MINES RD #2185
SAN JOSE, CA 95120 - 9002
County 1

Gepaid: CAL000074471
Tepaid: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 1.1676
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: VIKING FREIGHT INC
Telephone: (408) 323-4183
Mailing Address: 6411 GUADALUPE MINES RD #2185
SAN JOSE, CA 95120 - 9002
County 1

The CA HAZNET database contains 25 additional records for this site.
Please contact your EDR Account Executive for more information.

C8 **AMPECO** **RCRIS-SQG 1000201004**
NW **3051 TEAGARDEN ST** **FINDS CAD982039034**
1/8-1/4 **SAN LEANDRO, CA 94577**
1049 ft.
Higher **Site 3 of 5 in cluster C**

RCRIS:
Owner: JOTCO
(415) 555-1212
EPA ID: CAD982039034
Contact: ENVIRONMENTAL MANAGER
(415) 357-2167
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

C9 **BROWN TRANSPORT CO.** **HIST UST U001598378**
NW **3050 TEAGARDEN ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1049 ft.
Higher **Site 4 of 5 in cluster C**

BROWN TRANSPORT CO. (Continued) **U001598378**

UST HIST:

Facility ID:	67408		
Tank Num:	1	Container Num:	1
Tank Capacity:	5000	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	X centimeters
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(213) 208-3450
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	TRUCK TERMINAL
Facility ID:	67408		
Tank Num:	2	Container Num:	2
Tank Capacity:	10000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	None		
Contact Name:	Not reported	Telephone:	(213) 208-3450
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	TRUCK TERMINAL

B10 **UNISOURCE** **RCRIS-SQG 1000597433**
NNW **3004 ALVARADO ST** **FINDS CAD983614447**
1/8-1/4 **SAN LEANDRO, CA 94577**
1054 ft.
Higher **Site 3 of 9 in cluster B**

RCRIS:

Owner:	UNISOURCE (510) 614-0171
EPA ID:	CAD983614447
Contact:	MIKE CONWAY (510) 614-0171
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B11 **APT SAN LEANDRO INC.** **HAZNET S104162302**
NNW **3000 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1070 ft.
Higher **Site 4 of 9 in cluster B**

APT SAN LEANDRO INC. (Continued) **S104162302**

HAZNET:
Gepaid: CAC001013184
Tepaid: CAD087210399
Gen County: 1
Tsd County: 1
Tons: .0900
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: LINCOLN PROPERTY COMPANY
Telephone: (000) 000-0000
Mailing Address: 101 LINCOLN CTR DR
FOSTER CITY, CA 94404 - 1167
County 1

B12 MONTGOMERY WARD & CO. INC. **HIST UST U001598441**
NNW 3000 ALVARADO ST **N/A**
1/8-1/4 SAN LEANDRO, CA 94577
1070 ft.
Higher Site 5 of 9 in cluster B

UST HIST:

Facility ID:	65517		
Tank Num:	1	Container Num:	#2
Tank Capacity:	550	Year Installed:	1965
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER

Facility ID:	65517		
Tank Num:	2	Container Num:	#3
Tank Capacity:	7500	Year Installed:	1965
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER

Facility ID:	65517		
Tank Num:	3	Container Num:	#4
Tank Capacity:	7500	Year Installed:	1965
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER

Facility ID:	65517		
Tank Num:	4	Container Num:	#5
Tank Capacity:	9980	Year Installed:	1974
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300

MONTGOMERY WARD & CO. INC. (Continued) **U001598441**

Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER
Facility ID:	65517		
Tank Num:	5	Container Num:	#6
Tank Capacity:	9980	Year Installed:	1974
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER
Facility ID:	65517		
Tank Num:	6	Container Num:	#7
Tank Capacity:	8000	Year Installed:	1965
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER
Facility ID:	65517		
Tank Num:	7	Container Num:	#8
Tank Capacity:	8000	Year Installed:	1965
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER
Facility ID:	65517		
Tank Num:	8	Container Num:	#9
Tank Capacity:	5000	Year Installed:	1965
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER
Facility ID:	65517		
Tank Num:	9	Container Num:	#10
Tank Capacity:	550	Year Installed:	1965
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	SCOTT MCBRIDE	Telephone:	(415) 533-1300
Total Tanks:	9	Region:	STATE
Facility Type:	2	Other Type:	DISTRIBUTION CENTER

B13 **MONTGOMERY WARD** **LUST S105036288**
NNW **3000 ALVARADO** **Cortese N/A**
1/8-1/4 **SAN LEANDRO, CA**
1070 ft.
Higher **Site 6 of 9 in cluster B**

MONTGOMERY WARD (Continued) **S105036288**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1013		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	4/6/88	Prelim Assess:	4/6/88
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	5/11/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	9/8/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/8/86		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	5/1/95		
Stop Date :	9/8/86		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100935		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		

MONTGOMERY WARD (Continued) **S105036288**

Distance To Lust: 3978.943992
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1013
Entered Date: 09/08/1986
Facility Status: Case Closed
Maximum Soil Concentration: 970
Maximum Groundwater Impact: 3600
County : Alameda
Current Benzene: 4
MTBE Detected in GW: 3600
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1013
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

B14 **MONTGOMERY WARD PRODUCT SERVIC** **HIST UST** **U001598443**
NNW **3000 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1070 ft.
Higher **Site 7 of 9 in cluster B**

UST HIST:
Facility ID: 7037
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Visual, Stock Inventor
Contact Name: CHUCK DUNCAN
Total Tanks: 1
Facility Type: 2
Container Num: 1568
Year Installed: 1965
Tank Construction: Not reported
Telephone: (415) 799-0513
Region: STATE
Other Type: APPLIANCE REPAIR

B15 **MONTGOMERY WARD & CO., INC.** **HIST UST** **U001598442**
NNW **3000 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1070 ft.
Higher **Site 8 of 9 in cluster B**

UST HIST:
Facility ID: 64314
Tank Num: 1
Tank Capacity: 30000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Leak Detection: Stock Inventor
Contact Name: JOSEPH RIBAUDO, JR.
Total Tanks: 3
Facility Type: 2
Container Num: 1
Year Installed: Not reported
Tank Construction: Not reported
Telephone: (415) 357-7800
Region: STATE
Other Type: TRUCK FLEET TERMINAL

Facility ID: 64314
Tank Num: 2
Container Num: 2

MONTGOMERY WARD & CO., INC. (Continued) **U001598442**

Tank Capacity:	30000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JOSEPH RIBAUDO, JR.	Telephone:	(415) 357-7800
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	TRUCK FLEET TERMINAL
Facility ID:	64314		
Tank Num:	3	Container Num:	3
Tank Capacity:	30000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JOSEPH RIBAUDO, JR.	Telephone:	(415) 357-7800
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	TRUCK FLEET TERMINAL

C16 **E-MAX MACHINING** **HAZNET S103962071**
NW **3037 TEAGARDEN** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1079 ft.
Higher **Site 5 of 5 in cluster C**

HAZNET:

Gepaid:	CAL000195063
Tepaid:	CAL000161743
Gen County:	1
Tsd County:	Santa Clara
Tons:	.2293
Category:	Waste oil and mixed oil
Disposal Method:	Transfer Station
Contact:	ERIC FOSTER
Telephone:	(000) 000-0000
Mailing Address:	3037 TEAGARDEN
	SAN LEANDRO, CA 94577
County	1
Gepaid:	CAL000195063
Tepaid:	CAL000161743
Gen County:	1
Tsd County:	Santa Clara
Tons:	.2293
Category:	
Disposal Method:	Not reported
Contact:	ERIC FOSTER
Telephone:	(000) 000-0000
Mailing Address:	3037 TEAGARDEN
	SAN LEANDRO, CA 94577
County	1

B17 **HUMPHREY SYSTEMS** **HAZNET S103650452**
NNW **2992 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1101 ft.
Higher **Site 9 of 9 in cluster B**

HUMPHREY SYSTEMS (Continued) **S103650452**

HAZNET:

Gepaid:	CAL000141479
Tepaid:	CAL000113451
Gen County:	1
Tsd County:	Los Angeles
Tons:	.5421
Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Contact:	CARL ZEISS OF GERMANY
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

Gepaid:	CAL000141479
Tepaid:	NVD980895338
Gen County:	1
Tsd County:	99
Tons:	.0208
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Contact:	CARL ZEISS OF GERMANY
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

Gepaid:	CAL000141479
Tepaid:	CAD050806850
Gen County:	1
Tsd County:	Los Angeles
Tons:	.0100
Category:	Laboratory waste chemicals
Disposal Method:	Transfer Station
Contact:	CARL ZEISS OF GERMANY
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

Gepaid:	CAL000141479
Tepaid:	NVD980895338
Gen County:	1
Tsd County:	99
Tons:	.0791
Category:	Photochemicals/photoprocessing waste
Disposal Method:	Treatment, Tank
Contact:	CARL ZEISS OF GERMANY
Telephone:	(000) 000-0000
Mailing Address:	5160 HACIENDA DR
	DUBLIN, CA 94568
County	1

HUMPHREY SYSTEMS (Continued) **S103650452**

Gepaid: CAL000141479
Tepaid: CAL000113451
Gen County: 1
Tsd County: Los Angeles
Tons: .3753
Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Contact: CARL ZEISS OF GERMANY
Telephone: (000) 000-0000
Mailing Address: 5160 HACIENDA DR
DUBLIN, CA 94568
County 1

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

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18 **BURLINGTON AIR EXPRESS** **HAZNET** **S102795534**
NW **2998 H ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1194 ft.
Higher

HAZNET:
Gepaid: CAC001311912
Tepaid: CAD982444481
Gen County: 1
Tsd County: San Bernardino
Tons: .2000
Category: Adhesives
Disposal Method: Transfer Station
Contact: BURLINGTON AIR EXPRESS
Telephone: (000) 000-0000
Mailing Address: 2998 H ALVARADO ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAC001311912
Tepaid: CAD982444481
Gen County: 1
Tsd County: San Bernardino
Tons: .0150
Category: Other empty containers 30 gallons or more
Disposal Method: Transfer Station
Contact: BURLINGTON AIR EXPRESS
Telephone: (000) 000-0000
Mailing Address: 2998 H ALVARADO ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAC001311912
Tepaid: CAD990794133
Gen County: 1
Tsd County: San Joaquin
Tons: .0150
Category: Other empty containers 30 gallons or more
Disposal Method: Not reported
Contact: BURLINGTON AIR EXPRESS
Telephone: (000) 000-0000
Mailing Address: 2998 H ALVARADO ST

BURLINGTON AIR EXPRESS (Continued) **S102795534**

SAN LEANDRO, CA 94577
County 1

Gepaid: CAC001311912
Tepaid: CAD990794133
Gen County: 1
Tsd County: San Joaquin
Tons: .2000
Category: Adhesives
Disposal Method: Not reported
Contact: BURLINGTON AIR EXPRESS
Telephone: (000) 000-0000
Mailing Address: 2998 H ALVARADO ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAC001311912
Tepaid: CAD089446710
Gen County: 1
Tsd County: Los Angeles
Tons: .0150
Category: Polymeric resin waste
Disposal Method: Transfer Station
Contact: BURLINGTON AIR EXPRESS
Telephone: (000) 000-0000
Mailing Address: 2998 H ALVARADO ST
SAN LEANDRO, CA 94577
County 1

The CA HAZNET database contains 4 additional records for this site.
Please contact your EDR Account Executive for more information.

D19 DURA STRIP OF SAN LEANDRO **RCRIS-SQG 1000143261**
WNW 2996 TEAGARDEN ST **FINDS CAD981448368**
1/8-1/4 SAN LEANDRO, CA 94577
1202 ft.
Higher **Site 1 of 3 in cluster D**

RCRIS:
Owner: W H DICK
(415) 555-1212
EPA ID: CAD981448368

Contact: ENVIRONMENTAL MANAGER
(415) 352-1100

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/23/1986
Actual Date Achieved Compliance: 07/23/1991

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910723

DURA STRIP OF SAN LEANDRO (Continued) **1000143261**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

D20 GOULD INC **HAZNET S100936258**
WNW 2993 TEAGARDEN ST **N/A**
1/8-1/4 SAN LEANDRO, CA 94577
1217 ft.
Higher Site 2 of 3 in cluster D

HAZNET:

Gepaid:	CAD058779356
Tepaid:	CAD980884183
Gen County:	1
Tsd County:	Sacramento
Tons:	.0834
Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Transfer Station
Contact:	GOULD INC
Telephone:	(000) 000-0000
Mailing Address:	2993 TEAGARDEN ST
	SAN LEANDRO, CA 94577
County	1

Gepaid:	CAD058779356
Tepaid:	CAD980884183
Gen County:	1
Tsd County:	Sacramento
Tons:	.0834
Category:	Polychlorinated biphenyls and material containing PCB's
Disposal Method:	Not reported
Contact:	GOULD INC
Telephone:	(000) 000-0000
Mailing Address:	2993 TEAGARDEN ST
	SAN LEANDRO, CA 94577
County	1

Gepaid:	CAD058779356
Tepaid:	CAT000646117
Gen County:	1
Tsd County:	Kings
Tons:	50.5680
Category:	Other inorganic solid waste
Disposal Method:	Disposal, Land Fill
Contact:	GOULD INC
Telephone:	(000) 000-0000
Mailing Address:	2993 TEAGARDEN ST
	SAN LEANDRO, CA 94577
County	1

GOULD INC (Continued) **S100936258**

Gepaid: CAD058779356
Tepaid: CAT000646117
Gen County: 1
Tsd County: Kings
Tons: 2.9815
Category: Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))
Disposal Method: Treatment, Tank
Contact: GOULD INC
Telephone: (000) 000-0000
Mailing Address: 2993 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

D21 **GNB INC** **FINDS 1000119317**
WNW **2993 TEAGARDEN ST** **RCRIS-LQG CAD058779356**
1/8-1/4 **SAN LEANDRO, CA 94577**
1217 ft.
Higher **Site 3 of 3 in cluster D**

RCRIS:
Owner: GNB INC
(415) 555-1212
EPA ID: CAD058779356
Contact: ENVIRONMENTAL MANAGER
(612) 681-5305
Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

E22 **ALVARADO BUSINESS CENTER** **HAZNET S105083421**
NNW **2960-3081 ALVARADO ST** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94502**
1224 ft.
Higher **Site 1 of 2 in cluster E**

HAZNET:
Gepaid: CAC001436104
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: .6880
Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Contact: ALVARADO BUSINESS CENTER
Telephone: (510) 769-4444
Mailing Address: 1411 HARBOR BAY PARKWAY STE 1101
ALAMEDA, CA 94502

ALVARADO BUSINESS CENTER (Continued) **S105083421**

County 1

Gepaid: CAC001436104
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: .4000
Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: ALVARADO BUSINESS CENTER
Telephone: (510) 769-4444
Mailing Address: 1411 HARBOR BAY PARKWAY STE 1101
ALAMEDA, CA 94502
County 1

23
ENE
1/8-1/4
1252 ft.
Higher

MOBILE TRUCK SERVICES
799 FREMONT STREET
SAN LEANDRO, CA 94577

HAZNET **S103978108**
N/A

HAZNET:
Gepaid: CAL000159873
Tepaid: CAD980887418
Gen County: 1
Tsd County: 1
Tons: .5420
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JOE DELUCCHI
Telephone: (000) 000-0000
Mailing Address: PO BOX 1975
SAN LEANDRO, CA 94577 - 0197
County 1

Gepaid: CAL000159873
Tepaid: CAD982446874
Gen County: 1
Tsd County: Yolo
Tons: 0.4586
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JOE DELUCCHI
Telephone: (000) 000-0000
Mailing Address: PO BOX 1975
SAN LEANDRO, CA 94577 - 0197
County 1

Gepaid: CAL000159873
Tepaid: CAD982446874
Gen County: 1
Tsd County: Yolo
Tons: 0.2293
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: JOE DELUCCHI
Telephone: (000) 000-0000
Mailing Address: PO BOX 1975
SAN LEANDRO, CA 94577 - 0197
County 1

MOBILE TRUCK SERVICES (Continued) **S103978108**

Gepaid: CAL000159873
Tepaid: CAD980887418
Gen County: 1
Tsd County: 1
Tons: .6879
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JOE DELUCCHI
Telephone: (000) 000-0000
Mailing Address: PO BOX 1975
SAN LEANDRO, CA 94577 - 0197
County 1

Gepaid: CAL000159873
Tepaid: CAD982446874
Gen County: 1
Tsd County: Yolo
Tons: .2293
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: JOE DELUCCHI
Telephone: (000) 000-0000
Mailing Address: PO BOX 1975
SAN LEANDRO, CA 94577 - 0197
County 1

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

E24 **STRATEGIC MARKETING RESOURCES INC** **HAZNET** **S104569227**
NNW **2950 ALVARADO AVE** **N/A**
1/8-1/4 **SAN LEANDRO, CA 94577**
1264 ft.
Higher **Site 2 of 2 in cluster E**

HAZNET:
Gepaid: CAC002103248
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: .5421
Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Tank
Contact: STRATEGIC MARKETING RESOURCES
Telephone: (510) 382-9661
Mailing Address: 130 DOOLITTLE DR STE 19
SAN LEANDRO, CA 94577
County 1

Gepaid: CAC002103248
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: .2500
Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: STRATEGIC MARKETING RESOURCES
Telephone: (510) 382-9661
Mailing Address: 130 DOOLITTLE DR STE 19

STRATEGIC MARKETING RESOURCES INC (Continued) **S104569227**

SAN LEANDRO, CA 94577
County 1

Gepaid: CAC002103248
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: 2.9500
Category: Contaminated soil from site clean-ups
Disposal Method: Transfer Station
Contact: STRATEGIC MARKETING RESOURCES
Telephone: (510) 382-9661
Mailing Address: 130 DOOLITTLE DR STE 19
SAN LEANDRO, CA 94577
County 1

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25 WNW 1/8-1/4 1292 ft. Higher

DOHERTY N DUNNE **RCRIS-SQG 1000905329**
2972 TEAGARDEN **FINDS CA0000486027**
SAN LEANDRO, CA 94577

RCRIS:
Owner: PHIL DOHERTY
(510) 522-2345
EPA ID: CA0000486027
Contact: LAURA MAXWELL
(510) 483-6581
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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26 ESE 1/4-1/2 1664 ft. Higher

AMARAL SAUSAGE **LUST S102423917**
735 FREMONT AVE **Cortese N/A**
SAN LEANDRO, CA 94577

State LUST:
Cross Street: DEL CAMPO CIR
Qty Leaked: Not reported
Case Number Jan-36
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 3/5/96 Confirm Leak: 3/5/96

AMARAL SAUSAGE (Continued) **S102423917**

Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	4/3/92		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	8/3/92		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	10/4/94		
Stop Date :	4/3/92		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101962		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	3872.117133		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Facility Id:	01-2136
Entered Date:	08/03/1992
Facility Status:	Leak being confirmed
Maximum Soil Concentration:	150
Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No

AMARAL SAUSAGE (Continued) **S102423917**

MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2136
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

27 WILLAMETTE INDUSTRIES **LUST 1002848429**
NNW 2800 ALVARADO **Cortese N/A**
1/4-1/2 SAN LEANDRO, CA 94577
1846 ft.
Higher

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-22		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Undefined		
Status:	Not reported		
County:	1		
Review Date:	10/6/95	Confirm Leak:	10/6/95
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/16/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/13/94		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	10/6/95		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Other Means		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		

WILLAMETTE INDUSTRIES (Continued) **1002848429**

Review Date : 1/20/98
Stop Date : 10/13/94
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101948
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3394.926243
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2122
Entered Date: 10/06/1995
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2122
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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28 **U. S. CAN COMPANY SITE** **Cal-Sites** **S102002464**
NNW **2756 ALVARADO STREET** **HAZNET** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **AWP**
2023 ft. **CA SLIC**
Higher

CAL-SITES:
Facility ID 01340117
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 05/09/1996
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL: Not Listed
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: RESPONSIBLE PARTY
Type Name: RP
Staff Member Responsible for Site: PLEE1
Supervisor Responsible for Site: KTOTH
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Controlled
Cortese: C

U. S. CAN COMPANY SITE (Continued) **S102002464**

Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
No. of Contamination Sources:	0
Lat/Long:	37° 42' 51.00" / 122° 10' 31.25"
Lat/long Method:	Not reported
State Assembly District Code:	18
State Senate District:	10

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

HAZNET:

Gepaid:	CAC000964944
Tepaid:	CAL000027741
Gen County:	1
Tsd County:	5
Tons:	33.7120
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	NOEL YI
Telephone:	(000) 000-0000
Mailing Address:	2756 ALVARADO ST SAN LEANDRO, CA 94577
County	1
AWP Facility ID:	1340117
Facility Type:	AWP

SLIC Region 2:

Facility ID:	01S0191		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	CTH		Not reported
Last Site Update:	08/02/1989		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	79016	Substance:	TCE
Case Type:	NT	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	RWQCB		

Contamination Level:	
Number of Municipal Wells Contaminated by Site:	0
Number of Private Wells Contaminated by Site:	0
Soil Removal or Contaminant Action Started:	
Soil Removal or Contaminant Action Completed:	0
On-Site Groundwater Extraction or Containment is Needed:	0
On-Site Groundwater Extraction or Containment Started:	
Off-Site Groundwater Extraction or Containment is Needed:	0
Off-Site Groundwater Extraction or Containment Started:	
Length of Contamination Plume (Feet):	0
Depth of Contamination Plume (Feet):	0
Wells Closed Due To Contamination of Site:	
Date of Wells Closure:	
Nearest Public or Private Drinking Water Well (Feet):	0
Under Jurisdiction of Lead Agency Date:	
Latitude/Longitude:	38 / -122
Flow Rate:	0

U. S. CAN COMPANY SITE (Continued) **S102002464**

Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:
EPA ID:
Stages of Site Investigation Process Initiated:
Begun Characterization : Not reported
Completed Characterization : Not reported
Begun Remediation: Not reported
Completed Remediation: Not reported
Submitted Remediation Plan: Not reported
Approved Remediation Plan: Not reported
Begun Final Remedial Action: Not reported
Completed Final Remedial Action: Not reported
Facility Desc: Not reported
Comment: Not reported

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29 ESE 1/4-1/2 2072 ft. Higher

S & S BUILDING SUPPLY INC
701 FREMONT AVE
SAN LEANDRO, CA 94577

LUST S101580123
Cortese N/A
CA FID UST

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1273
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 3/30/93 Confirm Leak: 3/30/93
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 1/4/99
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 2/10/88
Enforcement Dt : 4/21/93
Enf Type: Not reported
Enter Date : 8/30/88
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported

S & S BUILDING SUPPLY INC (Continued) **S101580123**

Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 1/21/99
Stop Date : 2/10/88
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101170
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3861.852932
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1273
Entered Date: 08/30/1988
Facility Status: Case Closed
Maximum Soil Concentration: 7600
Maximum Groundwater Impact: 35000
County : Alameda
Current Benzene: 23
MTBE Detected in GW: 35000
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000826

CORTESE:
Reg Id: 01-1273
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

S & S BUILDING SUPPLY INC (Continued) **S101580123**

FID:

Facility ID:	01001390	Regulate ID:	Not reported
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported 701 FREMONT AVE SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

F30 **BICOASTAL PROPERTIES** **LUST** **S103395982**
NNW **2711 ALVARADO ST** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
2195 ft.
Higher **Site 1 of 2 in cluster F**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0205		
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	6/1/93	Confirm Leak:	6/1/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/27/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	6/12/90		
Enforcement Dt :	6/1/93		
Enf Type:	Not reported		
Enter Date :	7/2/90		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		

BICOASTAL PROPERTIES (Continued) **S103395982**

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 11/28/95
Stop Date : 6/12/90
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100191
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3331.804422
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0205
Entered Date: 07/02/1990
Facility Status: Case Closed
Maximum Soil Concentration: 33295
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-0205
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

F31 **2711 ALVARADO ST** **LUST** **S105483549**
NNW **SAN LEANDRO, CA** **N/A**
1/4-1/2
2195 ft.
Higher **Site 2 of 2 in cluster F**

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000982

G32 **LARSEN BROTHERS LUMBER** **HAZNET** **S103974335**
ENE **14200 WASHINGTON** **LUST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **Cortese**
2226 ft.
Higher **Site 1 of 2 in cluster G**

State LUST:

LARSEN BROTHERS LUMBER (Continued) **S103974335**

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0881		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	5/22/86	Prelim Assess:	5/22/86
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	7/10/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/10/89		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	6/28/90		
Stop Date :	7/10/86		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100814		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	3001.848161		

LARSEN BROTHERS LUMBER (Continued) **S103974335**

Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

HAZNET:
Gepaid: CAC001401392
Tepaid: CAD009466392
Gen County: 1
Tsd County: 7
Tons: .7500
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: SAN LARSEN/PARTNER
Telephone: (000) 000-0000
Mailing Address: 14200 WASHINGTON
SAN LEANDRO, CA 94578
County 1

CORTESE:
Reg Id: 01-0881
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

G33
ENE
1/4-1/2
2226 ft.
Higher

LARSON BROTHERS LUMBER
14200 WASHINGTON AVE
SAN LEANDRO, CA 94578

LUST **S100227042**
N/A

Site 2 of 2 in cluster G

LUST Region 2:
Region: 2
Facility Id: 01-0881
Entered Date: 07/10/1989
Facility Status: Preliminary site assessment underway
Maximum Soil Concentration: 20
Maximum Groundwater Impact: 138000
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: 138000
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

34
North
1/4-1/2
2338 ft.
Higher

UNITED STATES CAN COMPANY
2756 ALVARADO
SAN LEANDRO, CA 92584

Notify 65 **S100179148**
HAZNET **N/A**

HAZNET:
Gepaid: CAC001006848
Tepaid: CAL000027741
Gen County: 1
Tsd County: 5
Tons: 4.2140
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: UNITED STATES CAN COMPANY
Telephone: (000) 000-0000
Mailing Address: 900 COMMERCE DRIVE

UNITED STATES CAN COMPANY (Continued) **S100179148**

OAK BROOK, IL 60521
County 1

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

H35 **SAN LEANDRO RENTALS** **Cortese S101580125**
East **14273 WASHINGTON AVE** **CA FID UST N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
2344 ft.
Higher **Site 1 of 2 in cluster H**

CORTESE:
Reg Id: 01-1295
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01001409	Regulate ID:	CAC000544
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 583-4993
Mail To:	Not reported P. O. BOX 476 SO SAN FRANCISCO, CA 94080		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Facility ID:	01001409	Regulate ID:	CAC000544
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 357-5900
Mail To:	Not reported 14273 WASHINGTON AVE SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

H36 **SAN LEANDRO RENTAL** **HAZNET S101293869**
East **14273 WASHINGTON AVE** **LUST N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
2344 ft.
Higher **Site 2 of 2 in cluster H**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1295
Reg Board: 2

SAN LEANDRO RENTAL (Continued) **S101293869**

Chemical: Unleaded Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 9/18/96 Confirm Leak: 9/18/96
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 7/8/97
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 9/16/88
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 9/18/96
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 10/3/97
Stop Date : 9/16/88
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101191
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3243.09665
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2

SAN LEANDRO RENTAL (Continued) **S101293869**

Facility Id:	01-1295
Entered Date:	09/18/1996
Facility Status:	Case Closed
Maximum Soil Concentration:	5200
Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No
MTBE Detected in Soil:	Not reported
MTBE:	0
MTBE Qualify:	Not reported

HAZNET:

Gepaid:	CAL000060805
Tepaid:	CAT080033681
Gen County:	1
Tsd County:	Los Angeles
Tons:	0.2293
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	SAN LEANDRO EQUIPMENT RENTAL
Telephone:	(000) 000-0000
Mailing Address:	14273 WASHINGTON AVE SAN LEANDRO, CA 94578 - 3326
County	1

Gepaid:	CAL000060805
Tepaid:	CAD980887418
Gen County:	1
Tsd County:	1
Tons:	1.2927
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	SAN LEANDRO EQUIPMENT RENTAL
Telephone:	(000) 000-0000
Mailing Address:	14273 WASHINGTON AVE SAN LEANDRO, CA 94578 - 3326
County	1

Gepaid:	CAL000060805
Tepaid:	CAD980887418
Gen County:	1
Tsd County:	1
Tons:	.2293
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	SAN LEANDRO EQUIPMENT RENTAL
Telephone:	(000) 000-0000
Mailing Address:	14273 WASHINGTON AVE SAN LEANDRO, CA 94578 - 3326
County	1

SAN LEANDRO RENTAL (Continued) **S101293869**

Gepaid:	CAL000060805
Tepaid:	CAD980887418
Gen County:	1
Tsd County:	1
Tons:	1.0425
Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Contact:	SAN LEANDRO EQUIPMENT RENTAL
Telephone:	(000) 000-0000
Mailing Address:	14273 WASHINGTON AVE SAN LEANDRO, CA 94578 - 3326
County	1

Gepaid:	CAL000060805
Tepaid:	CAD009466392
Gen County:	1
Tsd County:	7
Tons:	.2750
Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Contact:	SAN LEANDRO EQUIPMENT RENTAL
Telephone:	(000) 000-0000
Mailing Address:	14273 WASHINGTON AVE SAN LEANDRO, CA 94578 - 3326
County	1

37
NNW
1/4-1/2
2376 ft.
Higher

TRW
820 ALADDIN AVE
SAN LEANDRO, CA 94577

CA SLIC **S101439649**
N/A

SLIC Region 2:

Facility ID:	01S0455		
Region:	2		
Facility Status:	Closed - No Further Action		Not reported
Staff:	CTH		Not reported
Last Site Update:	11/27/1996		
NPL Status:	F	Discovery Date:	11/01/1993
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	Not reported	Substance:	Not reported
Case Type:	Not reported	Sample Date:	Not reported
Contamination:	WASTE OIL		
Lead:	RWQCB		
Contamination Level:		SOIL <100PPM AFTER REMED	
Number of Municipal Wells Contaminated by Site:		3	
Number of Private Wells Contaminated by Site:		0	
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:		0	
On-Site Groundwater Extraction or Containment is Needed:		0	
On-Site Groundwater Extraction or Containment Started:			
Off-Site Groundwater Extraction or Containment is Needed:			
Off-Site Groundwater Extraction or Containment Started:			
Length of Contamination Plume (Feet):		0	
Depth of Contamination Plume (Feet):		0	
Wells Closed Due To Contamination of Site:			
Date of Wells Closure:			
Nearest Public or Private Drinking Water Well (Feet):		0	

TRW (Continued) **S101439649**

Under Jurisdiction of Lead Agency Date:	
Latitude/Longitude:	38 / -122
Flow Rate:	0
Flow Date:	
Percent of Contaminants Contained:	0
Contaminant Type:	
EPA ID:	
Stages of Site Investigation Process Initiated:	
Begun Characterization :	Not reported
Completed Characterization :	Not reported
Begun Remediation:	Not reported
Completed Remediation:	Not reported
Submitted Remediation Plan:	Not reported
Approved Remediation Plan:	Not reported
Begun Final Remedial Action:	Not reported
Completed Final Remedial Action:	Not reported
Facility Desc:	MANUFACTURING WELDING STUDS
Comment:	CLOSED DECEMBER 02, 1996

38
SW
1/4-1/2
2410 ft.
Higher

BONAIR AUTO REPAIR
1380 OTTAWA ST
SAN LEANDRO, CA 94577

LUST **S102425532**
Cortese **N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-74		
Reg Board:	2		
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Undefined		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	7/15/93	Confirm Leak:	7/15/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/22/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	12/9/91		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/15/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		

BONAIR AUTO REPAIR (Continued) **S102425532**

Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 1/25/96
Stop Date : 12/9/91
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101824
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 6698.068288
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1974
Entered Date: 07/15/1993
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1974
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

I39 **MORGAN BROTHERS PATIOS** **LUST S105036431**
East **14305 WASHINGTON BLVD** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
2421 ft.
Higher **Site 1 of 8 in cluster I**

LUST Region 2:
Region: 2
Facility Id: 01-1968
Entered Date: 07/01/1993
Facility Status: Leak being confirmed
Maximum Soil Concentration: 1200
Maximum Groundwater Impact: 0

MORGAN BROTHERS PATIOS (Continued) **S105036431**

County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No
MTBE Detected in Soil:	Not reported
MTBE:	0
MTBE Qualify:	Not reported

I40 **MORGAN BROTHERS PATIO** **LUST** **S101580286**
East **14305 WASHINGTON AVE** **Cortese** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **CA FID UST**
2421 ft.
Higher **Site 2 of 8 in cluster I**

State LUST:

Cross Street:	143RD AVE		
Qty Leaked:	Not reported		
Case Number	Jan-68		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	7/1/93	Confirm Leak:	7/1/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/1/91		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/1/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Corrosion		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		

MORGAN BROTHERS PATIO (Continued) **S101580286**

Review Date : 7/1/93
Stop Date : 2/1/91
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101818
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3540.611282
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1968
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01002419	Regulate ID:	CAC000561
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 357-5220
Mail To:	Not reported 14305 WASHINGTION AVE SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

I41 East 1/4-1/2 2472 ft. Higher **ROGERS TRUCKING** **LUST S104241988**
14327 WASHINGTON **Cortese N/A**
SAN LEANDRO, CA 94578

Site 3 of 8 in cluster I

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-77		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Review Date:	8/19/98	Confirm Leak:	8/19/98
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	8/19/98		

ROGERS TRUCKING (Continued) **S104241988**

Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/19/98
Funding: Not reported
Staff Initials: UNK
How Discovered: Other Means
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : 1/2/65
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 2/1/01
Stop Date : 8/19/98
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102282
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4581.75683
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2477
Entered Date: 08/19/1998
Facility Status: Leak being confirmed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: 4
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2477
Region: CORTESE

ROGERS TRUCKING (Continued) **S104241988**

Reg By: Leaking Underground Storage Tanks

I42 **LUST S105483085**
East **14336 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA**
2484 ft.
Higher **Site 4 of 8 in cluster I**

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000208

I43 **PALACE GARAGE** **LUST S102434931**
East **14336 WASHINGTON AVE** **Cortese N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
2484 ft.
Higher **Site 5 of 8 in cluster I**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1133		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	4/21/93	Confirm Leak:	4/21/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/1/91		
Enforcement Dt :	4/21/93		
Enf Type:	Not reported		
Enter Date :	6/16/93		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Corrosion		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		

PALACE GARAGE (Continued) **S102434931**

Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 8/2/01
Stop Date : 2/1/91
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101043
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4070.920026
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1133
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

I44 **PALACE GARAGE** **LUST S102431371**
East **14336 WASHINGTON AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA**
2484 ft.
Higher **Site 6 of 8 in cluster I**

LUST Region 2:
Region: 2
Facility Id: 01-1133
Entered Date: 06/16/1993
Facility Status: Pollution Characterization
Maximum Soil Concentration: 4700
Maximum Groundwater Impact: 69000
County : Alameda
Current Benzene: 670
MTBE Detected in GW: 69000
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

I45 **STEELFORM CONTRACTING CO** **HAZNET S105033202**
East **14340 WASHINGTON AVE** **LUST N/A**
1/4-1/2 **SAN LEANDRO, CA 94578**
2492 ft.
Higher **Site 7 of 8 in cluster I**

LUST Region 2:
Region: 2
Facility Id: 01-1424
Entered Date: 08/22/1986
Facility Status: Case Closed
Maximum Soil Concentration: 2000
Maximum Groundwater Impact: 470

STEELFORM CONTRACTING CO (Continued) **S105033202**

County : Alameda
Current Benzene: 0
MTBE Detected in GW: 470
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: ND

HAZNET:
Gepaid: CAC000755096
Tepaid: CAD004771168
Gen County: 1
Tsd County: San Francisco
Tons: 2.0000
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: CHARLES SCURICH/PRES
Telephone: (000) 000-0000
Mailing Address: 1451 MAGNOLIA AVE
CORONA, CA 91719
County 1

I46 **STEELFORM CONTRACTING COMPANY** **LUST S101629602**
East **14340 WASHINGTON AVE** **Cortese N/A**
1/4-1/2 **SAN LEANDRO, CA 94578** **CA FID UST**
2492 ft.
Higher **Site 8 of 8 in cluster I**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1424
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported — Confirm Leak: Not reported
Workplan: 7/7/86 — Prelim Assess: 7/7/86
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 8/21/00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 8/22/86
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/22/86
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1/2/65
Max MTBE GW : 0

STEELFORM CONTRACTING COMPANY (Continued) **S101629602**

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 8/18/00
Stop Date : 8/22/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101315
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4126.705388
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1424
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

J47 **TRANSCON LINES** **Notify 65** **U000056606**
North **601 ALADIN AVENUE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 92584**
2526 ft.
Higher **Site 1 of 4 in cluster J**

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

J48 **TRANSCON LINES** **LUST** **S105035262**
North **601 ALADDIN AVE** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577**
2553 ft.
Higher **Site 2 of 4 in cluster J**

LUST Region 2:
Region: 2
Facility Id: 01-1498
Entered Date: 06/07/1989
Facility Status: Case Closed
Maximum Soil Concentration: 15200

TRANSCON LINES (Continued) **S105035262**

Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No
MTBE Detected in Soil:	Not reported
MTBE:	0
MTBE Qualify:	Not reported

J49 **TRANSCON LINES** **Cal-Sites** **S101630334**
North **601 ALADDIN AVE** **LUST** **N/A**
1/4-1/2 **SAN LEANDRO, CA 94577** **Cortese**
2553 ft. **CA FID UST**
Higher **Site 3 of 4 in cluster J**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1498		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	6/7/89	Confirm Leak:	6/7/89
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	1/1/65	Monitoring:	1/1/65
Close Date:	3/22/01		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	5/3/89		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/7/89		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		

TRANSCON LINES (Continued) **S101630334**

Review Date : 3/22/01
Stop Date : 5/3/89
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101383
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2234.307616
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CAL-SITES:
Facility ID 01470004
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 11/14/1997
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC: 47 TRANSPORTATION SERVICES
Facility Type: RESPONSIBLE PARTY
Type Name: RP
Staff Member Responsible for Site: PLEE1
Supervisor Responsible for Site: KTOTH
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Controlled
Cortese: C
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 1
Lat/Long: 37° 42´ 51.00˝ / 122° 10´ 31.00˝
Lat/long Method: Not reported
State Assembly District Code: 18
State Senate District: 10

Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: 01-1498
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

J50 **ALAMEDA CO INDUSTRIES DIRECT TRANS. FAC.** **SWF/LF** **S105075633**
North **610 ALADDIN AVENUE** **N/A**
1/4-1/2 **SAN LEANDRO, CA**
2568 ft.
Higher **Site 4 of 4 in cluster J**

LF:
Facility ID: 01-AA-0290

ALAMEDA CO INDUSTRIES DIRECT TRANS. FAC. (Continued) **S105075633**

Operator: Alameda County Industries
Operator Phone: (510) 357-7282
Operator Addr: 610 Aladdin Avenue
San Leandro, CA 94577
Owner: Alameda County Industries
Owner Address: Not reported
610 Aladdin Avenue
San Leandro, CA 94577
Owner Telephone: (510) 357-7282
Activity: Medium Volume Transfer/Proc Fac
Operator's Status: Planned
Regulation Status: Proposed
Region: STATE
Lat/Long: 37.7144 / -122.1948
Permit Date: Not reported
Accepted Waste: Construction/demolition,Mixed municipal
Status : Not reported
Swisnumber : Not reported
Site Type : Not reported
Aka : Not reported
Type Of Waste : Not reported
Disposal Area : Not reported
SWFP Date : Not reported
WDR Number : Not reported
Dates Of Operation : Not reported
Closure Approved : Not reported
Date Of Field Units : Not reported
Surface Condition : Not reported
Landfill Gas : Not reported
Leachate : Not reported
Emergency Response : Not reported
Other Recommendation : Not reported
Reassess Site : Not reported
Priority For Site Assessment : Not reported
Lea Date : Not reported
Explanation: Not Reported
No Further Action: Not Reported
Permitted Throughput with Units: Not reported
Permitted Throughput with Units: Not reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported
Actual Capacity with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity with Units: Not reported
Permitted Total Acreage: Not reported
Inspection Frequency: None
Landuse Name: Not reported
GIS Source: Map
Permit Status: Not reported
Category: Transfer/Processing
Unit Number: 01
Last Waste Tire Inspection Count : Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: Not reported
Original Waste Tire Count Date: Not reported
Closure Date: / /
Closure Type: Not reported

ALAMEDA CO INDUSTRIES DIRECT TRANS. FAC. (Continued) — **S105075633**

Disposal Acreage: Not reported
Remaining Capacity: Not reported

K51 NW 1/2-1 2648 ft. Higher — **ALADDIN HEATING CORP**, **1111 ALADDIN AVE**, **SAN LEANDRO, CA 94577**, **Site 1 of 2 in cluster K**

Database(s): **RCRIS-SQG, FINDS, LUST, Cortese, CA FID UST, HIST UST**
EDR ID Number: **1000185347**
EPA ID Number: **CAD981984354**

RCRIS:
Owner: SAN LEANDRO INVESTMEANT
(415) 555-1212
EPA ID: CAD981984354
Contact: ENVIRONMENTAL MANAGER
(415) 357-6711
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-23		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	2/2/94	Prelim Assess:	2/2/94
Pollution Char:	10/8/01	Remed Plan:	10/8/01
Remed Action:	1/2/65	Monitoring:	1/2/65
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/21/91		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/1/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		

ALADDIN HEATING CORP (Continued) **1000185347**

Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 7/3/94
Stop Date : 10/21/91
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101783
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4197.818236
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1923
Entered Date: 07/01/1993
Facility Status: Post remedial action monitoring
Maximum Soil Concentration: 1500
Maximum Groundwater Impact: 980
County : Alameda
Current Benzene: 0
MTBE Detected in GW: 980
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg id: 01-1923
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

ALADDIN HEATING CORP (Continued) **1000185347**

FID:

Facility ID:	01002394	Regulate ID:	00030276
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(510) 357-6711
Mail To:	Not reported 1111 ALADDIN AVE SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	30276		
Tank Num:	1	Container Num:	#1 REGULAR
Tank Capacity:	3000	Year Installed:	1981
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	R.M. TERRY	Telephone:	(000) 000-0000
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CONTRACTOR

Facility ID:	30276		
Tank Num:	2	Container Num:	2
Tank Capacity:	3000	Year Installed:	1981
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	R.M. TERRY	Telephone:	(000) 000-0000
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CONTRACTOR

Facility ID:	66432		
Tank Num:	1	Container Num:	#1 R-P
Tank Capacity:	3000	Year Installed:	1978
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	X inches
Leak Detection:	Visual, Stock Inventor		
Contact Name:	RAY DE SOTO	Telephone:	(415) 357-6711
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	PRIVATE FACILITY FOR

Facility ID:	66432		
Tank Num:	2	Container Num:	#2 UNLEADE
Tank Capacity:	3000	Year Installed:	1978
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	RAY DE SOTO	Telephone:	(415) 357-6711
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	PRIVATE FACILITY FOR

Facility ID:	68744		
Tank Num:	1	Container Num:	2

ALADDIN HEATING CORP (Continued) **1000185347**

Tank Capacity:	3000	Year Installed:	1979
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	/16 2 inches
Leak Detection:	Visual		
Contact Name:	R. M. TERRY	Telephone:	(415) 577-3318
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CONTRACTOR
Facility ID:	68744		
Tank Num:	2	Container Num:	1
Tank Capacity:	3000	Year Installed:	1979
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	3/16 inches
Leak Detection:	Visual		
Contact Name:	R. M. TERRY	Telephone:	(415) 577-3318
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	CONTRACTOR

52
East
1/2-1
2691 ft.
Higher

WASHINGTON SQUARE
14400 WASHINGTON AVE
SAN LEANDRO, CA

LUST S100227044
Cortese N/A

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1649		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	8/1/88	Remed Plan:	8/1/88
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/26/98		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	4/29/88		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	4/29/88		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		

WASHINGTON SQUARE (Continued) **S100227044**

Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 10/26/98
Stop Date : 4/29/88
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101524
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1334.414408
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1649
Entered Date: 04/29/1988
Facility Status: Case Closed
Maximum Soil Concentration: 1700
Maximum Groundwater Impact: 8500
County : Alameda
Current Benzene: 0
MTBE Detected in GW: 8500
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1649
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

K53 **S.L.U.S.D.** **LUST** **S101580126**
WNW **1145 ALADDIN AVE** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **CA FID UST**
2708 ft.
Higher **Site 2 of 2 in cluster K**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1296
Reg Board: 2
Chemical: Misc. Motor Vehicle Fuels
Lead Agency: Local Agency
Local Agency : 1007

S.L.U.S.D. (Continued) **S101580126**

Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	2/20/87	Prelim Assess:	2/20/87
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	10/11/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	4/29/87		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	4/29/87		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	10/11/95		
Stop Date :	4/29/87		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101192		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	4285.082269		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

CORTESE:

Reg Id:	01-1296
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

S.L.U.S.D. (Continued) **S101580126**

FID:

Facility ID:	01001410	Regulate ID:	00056756
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 577-3046
Mail To:	Not reported 1145 ALADDIN AVE SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

L54 **ONE HUNDRED THIRTY-NINTH STREET (NO. 750) - SAN LE** **CA BOND EXP. PLAN** **S100833366**
NE **750 139TH STREET** **N/A**
1/2-1 **SAN LEANDRO, CA 94578**
2731 ft.
Higher **Site 1 of 3 in cluster L**

L55 **CONTAS CORP.** **LUST** **S101624159**
NE **777 139TH AVE** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **CA FID UST**
2734 ft.
Higher **Site 2 of 3 in cluster L**

State LUST:

Cross Street:	WASHINGTON AVE		
Qty Leaked:	Not reported		
Case Number	01-1863		
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	12/1/88	Confirm Leak:	12/1/88
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	7/10/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/1/94		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		

CONTAS CORP. (Continued) **S101624159**

MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 2A4
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 3/23/90
Stop Date : 7/10/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101726
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2357.178749
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01890017
Region: CORTESE
Reg By: CALSI

Reg Id: 01-1863
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

L56 **CINTAS CORPORATION** **Cal-Sites** **S101661359**
NE **777 139TH AVENUE** **LUST** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **AWP**
2734 ft.
Higher **Site 3 of 3 in cluster L**

LUST Region 2:
Region: 2
Facility Id: 01-1863
Entered Date: 03/01/1994
Facility Status: Pollution Characterization
Maximum Soil Concentration: 5800
Maximum Groundwater Impact: 27
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: 27
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CINTAS CORPORATION (Continued) **S101661359**

CAL-SITES:

Facility ID	01890017	
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE	
Status Date:	08/04/1995	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	CINTAS CORPORATION	
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	89 MISCELLANEOUS SERVICES	
Facility Type:	RESPONSIBLE PARTY	
Type Name:	RP	
Staff Member Responsible for Site:	JSOTO	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	35.34	
Date Site Hazard Ranked:	06/28/1987	
Groundwater Contamination:	Suspected	
No. of Contamination Sources:	1	
Lat/Long:	37° 42′ 58.00″ / 122° 8′ 7.00″	
Lat/long Method:	Not reported	
State Assembly District Code:	18	
State Senate District:	10	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 1890017
Facility Type: AWP

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57 ESE 1/2-1 2744 ft. Higher

K MART
250 FLORESTA
SAN LEANDRO, CA

LUST Cortese **S105033534 N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0836		
Reg Board:	2		
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	8/18/94		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		

K MART (Continued) **S105033534**

Discover Date : 10/28/87
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 10/28/87
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 8/1/90
Stop Date : 10/28/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100770
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 5132.588152
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0836
Entered Date: 10/28/1987
Facility Status: Case Closed
Maximum Soil Concentration: 18
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-0836

K MART (Continued) **S105033534**

Region: CORTESE
Reg By: Leaking Underground Storage Tanks

58
WNW
1/2-1
2768 ft.
Higher

WESTERN STATES OIL CO
2709 TEAGARDEN ST
SAN LEANDRO, CA 94577

HAZNET **S101580055**
LUST **N/A**
Cortese
CA FID UST

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0001195

HAZNET:
Gepaid: CAL000169737
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: 0.0834
Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Contact: WESTERN STATES OIL CO
Telephone: (510) 895-1037
Mailing Address: 2709 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAL000169737
Tepaid: CAD028409019
Gen County: 1
Tsd County: Los Angeles
Tons: 0.0834
Category: Off-specification, aged, or surplus organics
Disposal Method: Treatment, Tank
Contact: WESTERN STATES OIL CO
Telephone: (510) 895-1037
Mailing Address: 2709 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAL000169737
Tepaid: CAD982484933
Gen County: 1
Tsd County: 7
Tons: 7.5
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: WESTERN STATES OIL CO
Telephone: (510) 895-1037
Mailing Address: 2709 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

WESTERN STATES OIL CO (Continued) **S101580055**

Gepaid: CAL000169737
Tepaid: CAT080013352
Gen County: 1
Tsd County: Los Angeles
Tons: 1.4595
Category: Tank bottom waste
Disposal Method: Recycler
Contact: WESTERN STATES OIL CO
Telephone: (510) 895-1037
Mailing Address: 2709 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

Gepaid: CAL000169737
Tepaid: CAT080025711
Gen County: 1
Tsd County: San Bernardino
Tons: 1.0425
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Recycler
Contact: WESTERN STATES OIL CO
Telephone: (510) 895-1037
Mailing Address: 2709 TEAGARDEN ST
SAN LEANDRO, CA 94577
County 1

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: 01-0685
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01000808	Regulate ID:	00056586
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 865-0767
Mail To:	Not reported 2709 TEAGARDEN ST SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

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59 **NONE** **Notify 65** **S100179424**
NNW **688 MONTAGUE** **LUST** **N/A**
1/2-1 **SAN LEANDRO, CA 92584** **Cortese**
2839 ft.
Higher

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1631
Reg Board: 2
Chemical: Gasoline

NONE (Continued) **S100179424**

Lead Agency: Local Agency
Local Agency : 1000
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 1/20/90
Confirm Leak: 1/20/90
Workplan: 8/28/91
Prelim Assess: 8/28/91
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2/4/94
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 1/22/90
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/16/90
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 2/4/94
Stop Date : 1/22/90
Work Suspended : N
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600101506
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2559.460617
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

NONE (Continued) **S100179424**

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

CORTESE:
Reg Id: 01-1631
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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60 West 1/2-1 3026 ft. Higher
FACTOR AVENUE PLUME (NO. 1465), SAN LEANDRO **CA BOND EXP. PLAN** **S100833362**
1465 FACTOR AVENUE **N/A**
SAN LEANDRO, CA 94577

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61 NE 1/2-1 3144 ft. Higher
PARKSIDE COMMONS APARTMEN **LUST** **S101322879**
900 143RD **Cortese** **N/A**
SAN LEANDRO, CA 94570 **CA SLIC**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1140
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Undefined
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 8/22/96 Confirm Leak: 8/22/96
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 11/25/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 1/1/85
Enforcement Dt : 6/1/93
Enf Type: Not reported
Enter Date : 8/3/92
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Subsurface Monitoring
How Stopped: Close Tank
Interim : Yes
Leak Cause: Unknown
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

PARKSIDE COMMONS APARTMEN (Continued) **S101322879**

Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 11/26/96
Stop Date : 1/1/85
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101050
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3019.825776
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: Not reported
Qty Leaked: 0
Case Number 01S0454
Reg Board: 2
Chemical: Xylene
Lead Agency: Regional Board
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported
County: 1
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

PARKSIDE COMMONS APARTMEN (Continued) **S101322879**

MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : Not reported
Stop Date : Not reported
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600191545
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2800.001892
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1140
Entered Date: 08/03/1992
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported
Region: 2
Facility Id: 01S0454
Entered Date: / /
Facility Status: Preliminary site assessment workplan submitted
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: 0
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: 0

CORTESE:
Reg Id: 01-1140
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

PARKSIDE COMMONS APARTMEN (Continued) **S101322879**

SLIC Region 2:

Facility ID:	01S0454		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	RDB		Not reported
Last Site Update:	11/22/1996		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	8006619	Substance:	Gasoline
Case Type:	TK	Sample Date:	Not reported
Contamination:	ORGANIC COMPOUNDS,PESTICIDES, AND METALS		
Lead:	RWQCB		
Contamination Level:			
Number of Municipal Wells Contaminated by Site:		0	
Number of Private Wells Contaminated by Site:		0	
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:		0	
On-Site Groundwater Extraction or Containment is Needed:		0	
On-Site Groundwater Extraction or Containment Started:			
Off-Site Groundwater Extraction or Containment is Needed:		0	
Off-Site Groundwater Extraction or Containment Started:			
Length of Contamination Plume (Feet):		0	
Depth of Contamination Plume (Feet):		0	
Wells Closed Due To Contamination of Site:			
Date of Wells Closure:			
Nearest Public or Private Drinking Water Well (Feet):		0	
Under Jurisdiction of Lead Agency Date:			
Latitude/Longitude:		0 / 0	
Flow Rate:		0	
Flow Date:			
Percent of Contaminants Contained:		0	
Contaminant Type:			
EPA ID:			
Stages of Site Investigation Process Initiated:			
Begun Characterization :		Not reported	
Completed Characterization :		Not reported	
Begun Remediation:		Not reported	
Completed Remediation:		Not reported	
Submitted Remediation Plan:		Not reported	
Approved Remediation Plan:		Not reported	
Begun Final Remedial Action:		Not reported	
Completed Final Remedial Action:		Not reported	
Facility Desc:	FORMER NURSERY NOW APARTMENT COMPLEX		
Comment:	Not reported		

M62 **EVERGREEN** **LUST S105032971**
NNW **797 MONTAGUE AVE** **Cortese N/A**
1/2-1 **SAN LEANDRO, CA**
3159 ft.
Higher **Site 1 of 3 in cluster M**

State LUST:

Cross Street:	Not reported
Qty Leaked:	Not reported
Case Number	01-0578
Reg Board:	2
Chemical:	Gasoline

EVERGREEN (Continued) **S105032971**

Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 10/11/95
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 7/28/86
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 7/28/86
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 10/11/95
Stop Date : 7/28/86
Work Suspended : N
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600100531
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2875.624601
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0578

EVERGREEN (Continued) **S105032971**

Entered Date:	07/28/1986
Facility Status:	Case Closed
Maximum Soil Concentration:	17
Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No
MTBE Detected in Soil:	Not reported
MTBE:	0
MTBE Qualify:	Not reported

CORTESE:

Reg Id:	01-0578
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

M63 **RAINBO DISTRIBUTORS** **LUST** **S102435654**
NNW **828 MONTAGUE AVE** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94577**
3160 ft.
Higher **Site 2 of 3 in cluster M**

State LUST:

Cross Street:	ALVARADO ST		
Qty Leaked:	Not reported		
Case Number	Jan-37		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Review Date:	2/4/94	Confirm Leak:	2/4/94
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/14/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	1/15/92		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/4/94		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Corrosion		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		

RAINBO DISTRIBUTORS (Continued) **S102435654**

Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 11/14/97
Stop Date : 1/22/92
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101963
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3372.370865
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2137
Entered Date: 02/04/1994
Facility Status: Case Closed
Maximum Soil Concentration: 750
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2137
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

M64 **CONTINENTAL BAKING COMPAN** **LUST** **S104396786**
NNW **833 MONTAGUE** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94577**
3161 ft.
Higher **Site 3 of 3 in cluster M**

State LUST:
Cross Street: ALVARADO ST
Qty Leaked: Not reported
Case Number Jan-72
Reg Board: 2
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Undefined
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site

CONTINENTAL BAKING COMPAN (Continued) **S104396786**

Review Date:	9/18/96	Confirm Leak:	9/18/96
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	1/9/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	8/13/90		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/14/94		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Overfill		
Leak Source:	Other Source		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	1/25/96		
Stop Date :	8/13/90		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101822		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	3371.47286		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Facility Id:	01-1972
Entered Date:	09/14/1994
Facility Status:	Case Closed
Maximum Soil Concentration:	0
Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported

CONTINENTAL BAKING COMPAN (Continued) **S104396786**

MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1972
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

65
NNW
1/2-1
3199 ft.
Higher

595 MONTAGUE AVENUE
SAN LEANDRO, CA 94577

CHMIRS **S100277082**
N/A

CHMIRS:

OES Control Number:	9114777	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	ACID, ISOPHTHALIC		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	Ground	Property Use:	Industrial, Utility
Incident Date:	03-JAN-91	Date Completed:	03-JAN-91

Time Completed :	1800
Physical State Stored :	Solid
Physical State Released :	Solid
Release Unit :	Not reported
Container Description :	1
Container Type :	10
Container Material :	Iron Steel and Other Iron Alloys
Level Of Container :	Ground Level
Container Capacity :	6000
Container Capacity Units (code) :	2
Extent Of Release (code) :	7
Agency Id Number :	1715
Agency Incident Number :	UNKNOWN
OES Incident Number :	9114777
Time Notified :	1600
Surrounding Area :	600
Estimated Temperature :	45
Property Management :	P
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	0
Others Number Of Decontaminated :	0
Others Number Of Injuries :	0
Others Number Of Fatalities :	0
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported

(Continued) **S100277082**

CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	BARNEY CHAN
Report Date :	07-JAN-91
Comments :	Yes
Facility Telephone Number :	415 271-4320

N66 NW 1/2-1 3247 ft. Higher **NOVA INDUSTRIES INC**
999 MONTAGUE AVE
SAN LEANDRO, CA 94577

RCRIS-SQG 1000142731
FINDS CAD009126152
HAZNET
Cortese

Site 1 of 2 in cluster N

RCRIS:
Owner: NOVA INDUSTRIES INC
(415) 555-1212
EPA ID: CAD009126152

Contact: ENVIRONMENTAL MANAGER
(415) 357-0171

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	02/24/1988
Actual Date Achieved Compliance:	08/26/1988
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	06/14/1988
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19880826

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid:	CAX000202168
Tepaid:	CAT080022148
Gen County:	1
Tsd County:	San Bernardino
Tons:	5.8194
Category:	Paint sludge
Disposal Method:	Transfer Station
Contact:	Not reported
Telephone:	(000) 000-0000
Mailing Address:	SAN LEANDRO, CA 94577
County	1

NOVA INDUSTRIES INC (Continued) **1000142731**

Gepaid: CAD009126152
Tepaid: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: 2.1000
Category: Paint sludge
Disposal Method: Disposal, Other
Contact: NOVA INDUSTRIES INC
Telephone: (000) 000-0000
Mailing Address: PO BOX 1731
SAN LEANDRO, CA 94577 - 0173
County 1

CORTESE:
Reg Id: 2556
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

N67 **STELLA D'ORO BISCUIT COMP** **LUST S105033967**
NW **1000 MONTAGUE** **Cortese N/A**
1/2-1 **SAN LEANDRO, CA**
3247 ft.
Higher **Site 2 of 2 in cluster N**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1425
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 4/29/98
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 9/17/86
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 9/17/86
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 1/2/65
Max MTBE GW : 0
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported

STELLA D'ORO BISCUIT COMP (Continued) **S105033967**

Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 4/28/98
Stop Date : 9/17/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101316
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3812.089784
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1425
Entered Date: 09/17/1986
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 20000
County : Alameda
Current Benzene: 0
MTBE Detected in GW: 20000
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: ND

CORTESE:
Reg Id: 01-1425
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

O68 **SERVICE PLASTERING, INC.** **LUST S101624168**
NE **1090 139TH AVE** **Cortese N/A**
1/2-1 **SAN LEANDRO, CA 94578** **CA FID UST**
3255 ft.
Higher **Site 1 of 2 in cluster O**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1321
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Other ground water affected

SERVICE PLASTERING, INC. (Continued) **S101624168**

Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	5/15/86	Prelim Assess:	5/15/86
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	4/18/94		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	5/27/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	5/27/86		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	4/9/90		
Stop Date :	5/27/86		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101216		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	2045.696884		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

CORTESE:

Reg Id:	01-1321
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

69 NNW 1/2-1 3310 ft. Higher

PECHINEY PLASTIC PACKAGING INC
2450 ALVARADO ST
SAN LEANDRO, CA 94577

FINDS 1000267855
LUST CAD046412292
Cortese
RCRIS-LQG
CA SLIC
CA FID UST
HIST UST

RCRIS:
Owner: PECHINEY PLASTIC PACKAGING INC
(773) 399-3000
EPA ID: CAD046412292

Contact: TOM BREHM
(510) 352-2262

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street:	Not reported		
Qty Leaked:	0		
Case Number	01S0047		
Reg Board:	2		
Chemical:	Isopropyl Alcohol		
Lead Agency:	Regional Board		
Local Agency :	1000		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		

PECHINEY PLASTIC PACKAGING INC (Continued) **1000267855**

Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : Not reported
Stop Date : Not reported
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600191478
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3292.154539
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-29
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency : 1000
Case Type: Soil only
Status: Not reported
County: 1
Review Date: 1/26/96
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 2/20/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 9/5/86
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1/26/96
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank

Confirm Leak: 1/26/96
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

PECHINEY PLASTIC PACKAGING INC (Continued) **1000267855**

Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: RB Lead Underground Storage Tank
Oversight Prgm : UST
Review Date : 8/7/96
Stop Date : 8/5/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101955
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3292.154539
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2129
Entered Date: 01/26/1996
Facility Status: Case Closed
Maximum Soil Concentration: 110
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported
Region: 2
Facility Id: 01S0047
Entered Date: / /
Facility Status: Preliminary site assessment workplan submitted
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: 0
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: 0

PECHINEY PLASTIC PACKAGING INC (Continued) **1000267855**

CORTESE:
Reg Id: 01-2129
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01002387	Regulate ID:	00016664
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 352-2262
Mail To:	Not reported 245 ALVARADO ST SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

SLIC Region 2:

Facility ID:	01S0047		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	RDB		Not reported
Last Site Update:	02/23/1987		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	Not reported	Substance:	Not reported
Case Type:	TK	Sample Date:	Not reported
Contamination:	Not reported		
Lead:	RWQCB		

Contamination Level:	
Number of Municipal Wells Contaminated by Site:	0
Number of Private Wells Contaminated by Site:	0
Soil Removal or Contaminant Action Started:	
Soil Removal or Contaminant Action Completed:	0
On-Site Groundwater Extraction or Containment is Needed:	0
On-Site Groundwater Extraction or Containment Started:	
Off-Site Groundwater Extraction or Containment is Needed:	0
Off-Site Groundwater Extraction or Containment Started:	
Length of Contamination Plume (Feet):	0
Depth of Contamination Plume (Feet):	0
Wells Closed Due To Contamination of Site:	
Date of Wells Closure:	
Nearest Public or Private Drinking Water Well (Feet):	0
Under Jurisdiction of Lead Agency Date:	
Latitude/Longitude:	38 / -122
Flow Rate:	0
Flow Date:	
Percent of Contaminants Contained:	0
Contaminant Type:	
EPA ID:	
Stages of Site Investigation Process Initiated:	
Begun Characterization :	Not reported
Completed Characterization :	Not reported
Begun Remediation:	Not reported
Completed Remediation:	Not reported

PECHINEY PLASTIC PACKAGING INC (Continued) **1000267855**

Submitted Remediation Plan: Not reported
Approved Remediation Plan: Not reported
Begun Final Remedial Action: Not reported
Completed Final Remedial Action: Not reported
Facility Desc: MANUFACTURING
Comment: Not reported

UST HIST:

Facility ID:	16664		
Tank Num:	1	Container Num:	S-9
Tank Capacity:	3000	Year Installed:	1980
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	3/16 inches
Leak Detection:	Vapor Sniff Well		
Contact Name:	ROBERT KERNER	Telephone:	(415) 352-2262
Total Tanks:	5	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURER

Facility ID:	16664		
Tank Num:	2	Container Num:	S-26
Tank Capacity:	1000	Year Installed:	1972
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	12 gauge
Leak Detection:	Vapor Sniff Well		
Contact Name:	ROBERT KERNER	Telephone:	(415) 352-2262
Total Tanks:	5	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURER

Facility ID:	16664		
Tank Num:	3	Container Num:	S-11
Tank Capacity:	3000	Year Installed:	1980
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	3/16 inches
Leak Detection:	Vapor Sniff Well		
Contact Name:	ROBERT KERNER	Telephone:	(415) 352-2262
Total Tanks:	5	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURER

Facility ID:	16664		
Tank Num:	4	Container Num:	S-10
Tank Capacity:	3000	Year Installed:	1980
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	3/16 inches
Leak Detection:	Vapor Sniff Well		
Contact Name:	ROBERT KERNER	Telephone:	(415) 352-2262
Total Tanks:	5	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURER

Facility ID:	16664		
Tank Num:	5	Container Num:	S-25
Tank Capacity:	1000	Year Installed:	1972
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	12 gauge
Leak Detection:	Vapor Sniff Well		
Contact Name:	ROBERT KERNER	Telephone:	(415) 352-2262
Total Tanks:	5	Region:	STATE
Facility Type:	2	Other Type:	MANUFACTURER

70
West
1/2-1
3379 ft.
Higher

SIMMONS - SOILS
1465 FACTOR AVENUE/1700 FAIRWAY DRIVE
SAN LEANDRO, CA 94577

Cal-Sites **S102008255**
AWP **N/A**

CAL-SITES:

Facility ID	01730011	
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE	
Status Date:	05/01/1986	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	Not reported	
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	73 BUSINESS SERVICES	
Facility Type:	RESPONSIBLE PARTY	
Type Name:	RP	
Staff Member Responsible for Site:	PLEE1	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Not reported	
Cortese:	Not reported	
Hazardous Ranking Score:	11.44	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Confirmed	
No. of Contamination Sources:	1	
Lat/Long:	37° 42´ 7.00˝ / 122° 9´ 39.00˝	
Lat/long Method:	TEALE ADDRESS MATCH	
State Assembly District Code:	18	
State Senate District:	10	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 1730011
Facility Type: AWP

O71
NE
1/2-1
3382 ft.
Higher

GOLDEN GRAIN
1111 139TH AVE
SAN LEANDRO, CA 94578

Site 2 of 2 in cluster O

LUST **1000206507**
Cortese **N/A**
CA FID UST
HIST UST

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0709		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	7/27/88	Confirm Leak:	7/27/88
Workplan:	Not reported	Prelim Assess:	Not reported

GOLDEN GRAIN (Continued) **1000206507**

Pollution Char: Not reported
Remed Action: Not reported
Close Date: 11/9/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 12/12/87
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 7/27/88
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 5/31/00
Stop Date : 12/12/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100653
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1950.798815
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0709
Entered Date: 07/27/1988
Facility Status: Case Closed
Maximum Soil Concentration: 460
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0

GOLDEN GRAIN (Continued) **1000206507**

MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-0709
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01000831	Regulate ID:	00019778
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	Not reported
Mail To:	Not reported 1111 139TH AVE SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	19778		
Tank Num:	1	Container Num:	1
Tank Capacity:	10000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(415) 357-8400
Total Tanks:	4	Region:	STATE
Facility Type:	2	Other Type:	MACARONI & CHOCOLATE

Facility ID:	19778		
Tank Num:	2	Container Num:	2
Tank Capacity:	8000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(415) 357-8400
Total Tanks:	4	Region:	STATE
Facility Type:	2	Other Type:	MACARONI & CHOCOLATE

Facility ID:	19778		
Tank Num:	3	Container Num:	3
Tank Capacity:	10000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(415) 357-8400
Total Tanks:	4	Region:	STATE
Facility Type:	2	Other Type:	MACARONI & CHOCOLATE

Facility ID:	19778		
Tank Num:	4	Container Num:	4
Tank Capacity:	10000	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(415) 357-8400

GOLDEN GRAIN (Continued) **1000206507**

Total Tanks: 4 Region: STATE
Facility Type: 2 Other Type: MACARONI & CHOCOLATE

72
NE
1/2-1
3452 ft.
Higher

CENTURY PLATING COMPANY INC
1124 139TH AVENUE
SAN LEANDRO, CA 94578

Cal-Sites 1000483604
Cortese N/A

CAL-SITES:

Facility ID	01340040	
Status:	CERT - CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT	
Status Date:	06/13/1997	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	Not reported	
Status Name:	CERTIFIED	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	34 MANU - FABRICATED METAL PRODUCTS	
Facility Type:	STATE FUNDED SITE	
Type Name:	STATE	
Staff Member Responsible for Site:	JSOTO	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	4.92	
Date Site Hazard Ranked:	06/28/1987	
Groundwater Contamination:	Not reported	
No. of Contamination Sources:	0	
Lat/Long:	37° 42′ 58.00″ / 122° 8′ 7.00″	
Lat/long Method:	Not reported	
State Assembly District Code:	18	
State Senate District:	10	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id:	01340040
Region:	CORTESE
Reg By:	CALSI

73
NW
1/2-1
3492 ft.
Higher

WELLS FARGO BANK
1188 MONTAGUE AVE
SAN LEANDRO, CA 94577

LUST S100948199
Cortese N/A

State LUST:

Cross Street:	TEAGARDEN ST
Qty Leaked:	Not reported
Case Number	Jan-25
Reg Board:	2
Chemical:	Diesel
Lead Agency:	Local Agency

WELLS FARGO BANK (Continued) **S100948199**

Local Agency : 1007
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table
Review Date: 2/2/94 Confirm Leak: 2/2/94
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 11/2/95
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 11/17/93
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/3/94
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Unknown
Leak Source: Piping
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 2A4
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 7/3/94
Stop Date : 11/17/93
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101785
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4280.299485
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1925

WELLS FARGO BANK (Continued) **S100948199**

Entered Date:	02/03/1994
Facility Status:	Case Closed
Maximum Soil Concentration:	9300
Maximum Groundwater Impact:	6
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	6
MTBE Detected in Soil:	Not reported
MTBE:	0
MTBE Qualify:	Not reported

CORTESE:

Reg Id:	01-1925
Region:	CORTESE
Reg By:	Leaking Underground Storage Tanks

P74 **BUILDING 4225** **LUST S102628440**
East **BLDG 4225 FORT ORD** **Cortese N/A**
1/2-1 **FORT ORD, CA**
3500 ft.
Higher **Site 1 of 2 in cluster P**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	2716		
Reg Board:	3		
Chemical:	#6 Fuel Oil		
Lead Agency:	Regional Board		
Local Agency :	27000		
Case Type:	Undefined		
Status:	Not reported		
County:	Monterey		
Abate Method:	Unknown - action taken at site is unknown		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	Not reported		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/6/96		
Funding:	0		
Staff Initials:	Not reported		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	No		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	2A4		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CHK		

BUILDING 4225 (Continued) **S102628440**

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: 9.5
Operator : Not reported
Oversight Prgm: Department of Defense UST
Oversight Prgm : DOD
Review Date : 6/20/97
Stop Date : Not reported
Work Suspended : Not reported
Responsible Party Not reported
RP Address: Not reported
Global Id: T0605300162
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: Not reported
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0688
Entered Date: 11/16/1990
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Region 3:
Case Number: 2716
Cross Street: Not reported
Responsible Party Not reported
Operator: Not reported
Local Agency: 03
Local Case Num: Not reported
Quantity: Not reported
Discovered: / /
How Found: Not reported
Source: Other
Cause: Not reported
Lead Agency: Regional Board
Case Type: Undefined
Priority: 2A4
Facility Status: Pollution Characterization
Facility County: Monterey
Abate Method: Unknown - action taken at site is unknown
Review Date: 6/20/97
Confirm Leak: Not reported
Basin Plan: 9.50
Release Date 12/16/1995
Enter Date: 9/6/96
Contact: Not reported
Regional Board: Central Coast Region
Stop Date: Not reported
How Stopped: Not reported
Staff Initials: CHK
Funding: 0
Workplan: 7/10/96

BUILDING 4225 (Continued) **S102628440**

Prelim Assess:	Not reported	Pollution Char:	10/1/96
Remedial Plan:	Not reported	Remedial Action:	Not reported
Monitoring:	Not reported	Close Date:	/ /
Enforce Type:	Not reported		
Enforce Date:	/ /	Pilot Program:	DOD
Interim Action:	0	Region:	3

Mtbe Concentration :
Mtbe Fuel: 0
Org Name: Not reported
Water System: Not reported
Well Name: Not reported
Dist From Well: Not reported
Assigned Name: Not reported
Mtbe Class: *
CUF Id : Not reported
Max MTBE Ground Water : Not reported
Max MTBE Soil : Not reported
Max MTBE Data : Not reported
MTBE Tested : NRQ
Suspended : Not reported
Beneficial : Not reported
Lat/Long : Not reported
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
Summary: WORK PLAN DELIVERY ORDER NO. 4-11 REVIEWED 7/10/96 ADMINISTRATIVELY DETERMINED REPORT DATE

CORTESE:
Reg Id: 2716
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

P75 **MAXWELL HOUSE DIVISION GENERAL** **LUST** **S101624163**
East **100 HALCYON DR** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94578** **CA FID UST**
3500 ft.
Higher **Site 2 of 2 in cluster P**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0688		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Undefined		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	11/16/90	Confirm Leak:	11/16/90
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	3/21/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	10/31/90		
Enforcement Dt :	Not reported		

MAXWELL HOUSE DIVISION GENERAL (Continued) **S101624163**

Enf Type: Not reported
Enter Date : 11/16/90
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 6/5/95
Stop Date : 10/31/90
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100633
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 6105.753335
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000652

CORTESE:
Reg Id: 01-0688
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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76 **INTERCOASTAL PAINT COMPANY** **Cal-Sites** **S103393754**
North **2411 WASHINGTON AVENUE** **N/A**
1/2-1 **SAN LEANDRO, CA 94577**
3541 ft.
Higher

CAL-SITES:
Facility ID 01750031
Status: PEAP - PRELIMINARY ENDANGERMENT ASSESSMENT IN PROGRESS
Status Date: 11/06/1997
Lead: EPA
Region: 2 - BERKELEY

INTERCOASTAL PAINT COMPANY (Continued) **S103393754**

Branch:	NC - NORTH COAST
File Name:	Not reported
Status Name:	PRELIMINARY ENDANGERMENT ASSESSMENT IN PROGRESS
Lead Agency:	ENVIRONMENTAL PROTECTION AGENCY Not reported
NPL:	Not reported
SIC:	75 AUTO REPAIR, SERVICES & PARKING
Facility Type:	N/A
Type Name:	Not reported
Staff Member Responsible for Site:	Not reported
Supervisor Responsible for Site:	KTOTH
Region Water Control Board:	SF - SAN FRANCISCO BAY
Access:	Controlled
Cortese:	C
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
No. of Contamination Sources:	0
Lat/Long:	37° 42´ 48.00˝ / 122° 9´ 0.00˝
Lat/long Method:	Not reported
State Assembly District Code:	18
State Senate District:	10

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

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77 West 1/2-1 3662 ft. Higher

DANA CORPORATION
2799 MILLER STREET
SAN LEANDRO, CA 94577

Cal-Sites S101641808
AWP N/A
CA SLIC

CAL-SITES:

Facility ID	01750029
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date:	12/15/1997
Lead:	DTSC
Region:	2 - BERKELEY
Branch:	NC - NORTH COAST
File Name:	Not reported
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL:	Not Listed
SIC:	75 AUTO REPAIR, SERVICES & PARKING
Facility Type:	RESPONSIBLE PARTY
Type Name:	RP
Staff Member Responsible for Site:	PLEE1
Supervisor Responsible for Site:	KTOTH
Region Water Control Board:	SF - SAN FRANCISCO BAY
Access:	Controlled
Cortese:	C
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
No. of Contamination Sources:	1
Lat/Long:	37° 42´ 7.00˝ / 122° 9´ 39.00˝
Lat/long Method:	Not reported
State Assembly District Code:	18
State Senate District:	10

DANA CORPORATION (Continued) **S101641808**

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 1750029
Facility Type: AWP

SLIC Region 2:

Facility ID:	01S0395		
Region:	2		
Facility Status:	Inactive		Not reported
Staff:	RDB		Not reported
Last Site Update:	02/09/1998		
NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	Not reported	Substance:	Not reported
Case Type:	NT	Sample Date:	07/23/1998
Contamination:	PLUME OF CHLOR SOLV MIGRATING IN GW IN SAN LEANDRO		
Lead:	RWQCB		
Contamination Level:			
Number of Municipal Wells Contaminated by Site:	0		
Number of Private Wells Contaminated by Site:	0		
Soil Removal or Contaminant Action Started:			
Soil Removal or Contaminant Action Completed:			
On-Site Groundwater Extraction or Containment is Needed:	No		
On-Site Groundwater Extraction or Containment Started:			
Off-Site Groundwater Extraction or Containment is Needed:	No		
Off-Site Groundwater Extraction or Containment Started:			
Length of Contamination Plume (Feet):	0		
Depth of Contamination Plume (Feet):	0		
Wells Closed Due To Contamination of Site:	NONE		
Date of Wells Closure:			
Nearest Public or Private Drinking Water Well (Feet):	0		
Under Jurisdiction of Lead Agency Date:			
Latitude/Longitude:	38 / -122		
Flow Rate:	0		
Flow Date:			
Percent of Contaminants Contained:	0		
Contaminant Type:			
EPA ID:			
Stages of Site Investigation Process Initiated:			
Begun Characterization :	Not reported		
Completed Characterization :	Not reported		
Begun Remediation:	Not reported		
Completed Remediation:	Not reported		
Submitted Remediation Plan:	Not reported		
Approved Remediation Plan:	Not reported		
Begun Final Remedial Action:	Not reported		
Completed Final Remedial Action:	Not reported		
Facility Desc:	REPAIRED TRUCK TRANSMISSIONS. CHLORINATED SOLVENTS		
Comment:	ALSO CALLED FORMER DANA CORPORATION		

78
North
1/2-1
3668 ft.
Higher

STAEFA CONTROL SYSTEM INC
2481 SAN LEANDRO BOULEVARD
SAN LEANDRO, CA 94577

Cal-Sites **S101661360**
HAZNET **N/A**
VCP

VCP:
Facility ID 1380001

STAEFA CONTROL SYSTEM INC (Continued) **S101661360**

Facility Status Voluntary Cleanup Agreement Complete

CAL-SITES:

Facility ID	01380001	
Status:	VCP - VOLUNTARY CLEANUP PROGRAM (VCP)	
Status Date:	06/12/1998	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	STAEFA CONTROL SYSTEM	
Status Name:	VOLUNTARY CLEANUP PROGRAM	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	38 MANU - INSTRUMENTS & RELATED PRODUCTS	
Facility Type:	VOLUNTARY CLEANUP PROGRAM	
Type Name:	VCP	
Staff Member Responsible for Site:	JSOTO	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	Not reported	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Confirmed	
No. of Contamination Sources:	2	
Lat/Long:	37° 42´ 48.00˝ / 122° 9´ 0.00˝	
Lat/long Method:	Not reported	
State Assembly District Code:	18	
State Senate District:	10	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

HAZNET:

Gepaid:	CAC000962528
Tepaid:	CAD981388952
Gen County:	1
Tsd County:	Shasta
Tons:	.8428
Category:	Asbestos-containing waste
Disposal Method:	Disposal, Land Fill
Contact:	STAEFA CO
Telephone:	(510) 582-3127
Mailing Address:	PO BOX 1812
	SAN LEANDRO, CA 94577
County	1

Gepaid:	CAC000962528
Tepaid:	CAD981388952
Gen County:	1
Tsd County:	Shasta
Tons:	.8428
Category:	Asbestos-containing waste
Disposal Method:	Not reported
Contact:	STAEFA CO
Telephone:	(510) 582-3127
Mailing Address:	PO BOX 1812
	SAN LEANDRO, CA 94577
County	1

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
79 NNW 1/2-1 3686 ft. Higher	PENSKE TRUCK LEASING COMP 2366 ALVARADO SAN LEANDRO, CA	Cortese	S101306736 N/A

CORTESE:
Reg Id: 01-1154
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
80 West 1/2-1 3699 ft. Higher	SAAG'S PRODUCTS, INC. 1799 FACTOR AVE SAN LEANDRO, CA 94577	LUST Cortese CA FID UST	S101624141 N/A

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1278		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	5/29/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/17/87		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/17/87		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		

SAAG'S PRODUCTS, INC. (Continued) **S101624141**

Oversight Prgm : LIA
Review Date : 4/20/90
Stop Date : 2/17/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101175
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 6623.647574
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1278
Entered Date: 02/17/1987
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 5500
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: 5500
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1278
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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81 ESE 1/2-1 3697 ft. Higher

RAINTREE CAR WASH
14610 WASHINGTON
SAN LEANDRO, CA 94578

LUST S104241989
Cortese N/A

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-78
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Review Date: 10/13/98
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported

Confirm Leak: 10/13/98
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

RAINTREE CAR WASH (Continued) **S104241989**

Discover Date : 10/13/98
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 10/13/99
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : 1/2/65
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 6/6/00
Stop Date : 10/13/98
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102283
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 6160.910644
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2478
Entered Date: 10/13/1999
Facility Status: Leak being confirmed
Maximum Soil Concentration: 21
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: 21
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2478

RAINTREE CAR WASH (Continued) **S104241989**

Region: CORTESE
Reg By: Leaking Underground Storage Tanks

82
NW
1/2-1
3757 ft.
Higher

WELLS FARGO BANK
2500 TEAGARDEN ST
SAN LEANDRO, CA 94577

LUST **S100877964**
Cortese **N/A**

State LUST:

Cross Street:	MONTAGUE AVE		
Qty Leaked:	Not reported		
Case Number	Jan-15		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	2/3/94	Confirm Leak:	2/3/94
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/2/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/17/93		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/3/94		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Overfill		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	2A4		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	3/2/94		
Stop Date :	11/17/93		
Work Suspended :	N		
Responsible Party	BLANK RP		

WELLS FARGO BANK (Continued) **S100877964**

RP Address: Not reported
Global Id: T0600101941
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4524.337258
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2115
Entered Date: 02/03/1994
Facility Status: Case Closed
Maximum Soil Concentration: 580
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2115
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Q83 **SINGER - FRIDEN SITE** **Notify 65** **S100179679**
North **2350 WASHINGTON AVE** **CA SLIC** **N/A**
1/2-1 **SAN LEANDRO, CA 92584**
3892 ft.
Higher **Site 1 of 2 in cluster Q**

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

SLIC Region 2:
Facility ID: 01S0278
Region: 2
Facility Status: Inactive Not reported
Staff: CTH Not reported
Last Site Update: 07/14/1992
NPL Status: Not an NPL site Discovery Date: Not reported
Case List: SLIC Imaged: No
Date Closed: Not reported
Abate Method: Not reported Substance: Not reported
Case Type: NT Sample Date: Not reported
Contamination: Not reported
Lead: RWQCB
Contamination Level:
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0

SINGER - FRIDEN SITE (Continued) **S100179679**

Soil Removal or Contaminant Action Started:
Soil Removal or Contaminant Action Completed: 0
On-Site Groundwater Extraction or Containment is Needed: 0
On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed: 0
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 0 / 0
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:
EPA ID:
Stages of Site Investigation Process Initiated:
Begun Characterization : Not reported
Completed Characterization : Not reported
Begun Remediation: Not reported
Completed Remediation: Not reported
Submitted Remediation Plan: Not reported
Approved Remediation Plan: Not reported
Begun Final Remedial Action: Not reported
Completed Final Remedial Action: Not reported
Facility Desc: Not reported
Comment: Not reported

Q84 **HUDSON I C S** **Cal-Sites** **S101715998**
North **400 HUDSON LANE** **VCP** **N/A**
1/2-1 **SAN LEANDRO, CA 94577**
4003 ft.
Higher **Site 2 of 2 in cluster Q**

VCP:
Facility ID 1240035
Facility Status Voluntary Cleanup Program

CAL-SITES:
Facility ID 01240035
Status: VCP - VOLUNTARY CLEANUP PROGRAM (VCP)
Status Date: 06/30/1997
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: VOLUNTARY CLEANUP PROGRAM
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL: Not Listed
SIC: 24 MANU - LUMBER & WOOD PRODUCTS
Facility Type: VOLUNTARY CLEANUP PROGRAM
Type Name: VCP
Staff Member Responsible for Site: JSOTO
Supervisor Responsible for Site: KTOTH
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Controlled
Cortese: C

HUDSON I C S (Continued) **S101715998**

Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
No. of Contamination Sources:	0
Lat/Long:	37° 42′ 48.00″ / 122° 9′ 0.00″
Lat/long Method:	Not reported
State Assembly District Code:	18
State Senate District:	10

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

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85 West 1/2-1 4017 ft. Higher

CHIPMAN CORPORATION
1717 FAIRWAY DR
SAN LEANDRO, CA 94577

LUST S101624099
Cortese N/A
CA FID UST

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0941		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	4/14/93	Confirm Leak:	4/14/93
Workplan:	4/21/94	Prelim Assess:	4/21/94
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	8/9/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	3/2/93		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/15/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		

CHIPMAN CORPORATION (Continued) **S101624099**

Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 8/9/95
Stop Date : 3/2/93
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100866
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 5880.926237
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-0941
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

86
NNE
1/2-1
4172 ft.
Higher

1244 136TH AVENUE
SAN LEANDRO, CA 94578

CHMIRS **S100275209**
N/A

CHMIRS:

OES Control Number:	8909045	DOT ID:	1344
DOT Hazard Class:	Not Reported		
Chemical Name:	ACID, PICRIC		
Extent of Release:	Not reported		
CAS Number:	88-89-1	Quantity Released:	Not reported
Environmental Contamination:	None Reported	Property Use:	Residential
Incident Date:	27-NOV-89	Date Completed:	27-NOV-89

Time Completed : 1757
Physical State Stored : Liquid
Physical State Released : Not reported
Release Unit : Not reported
Container Description : 2
Container Type : 19
Container Material : Undetermined
Level Of Container : 10
Container Capacity : Not reported
Container Capacity Units (code) : Not reported
Extent Of Release (code) : 8
Agency Id Number : 1715
Agency Incident Number : 99999
OES Incident Number : 8909045
Time Notified : 1623
Surrounding Area : 400
Estimated Temperature : 60
Property Management : P

(Continued) **S100275209**

More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	0
Others Number Of Decontaminated :	0
Others Number Of Injuries :	0
Others Number Of Fatalities :	0
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 :	KATHERINE CHESICK
Report Date :	28-NOV-89
Comments :	Not reported
Facility Telephone Number :	415 271-4320

87
North
1/2-1
4243 ft.
Higher

SINGER FRIDEN
2350 / 2450 WASHINGTON AVENUE
SAN LEANDRO, CA 94577

Cal-Sites **S101272670**
Cortese **N/A**
AWP

CAL-SITES:

Facility ID	01360094	
Status:	AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE	
Status Date:	01/01/1991	
Lead:	DTSC	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	Not reported	
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE	
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL	Not reported
NPL:	Not Listed	
SIC:	36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP	
Facility Type:	STATE FUNDED SITE	
Type Name:	STATE	
Staff Member Responsible for Site:	TPARK	
Supervisor Responsible for Site:	KTOTH	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Uncontrolled	
Cortese:	U	
Hazardous Ranking Score:	22.43	
Date Site Hazard Ranked:	04/08/1992	
Groundwater Contamination:	Confirmed	
No. of Contamination Sources:	1	
Lat/Long:	37° 42′ 50.00″ / 122° 8′ 57.00″	
Lat/long Method:	TEALE ADDRESS MATCH	
State Assembly District Code:	18	
State Senate District:	10	

SINGER FRIDEN (Continued) **S101272670**

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 1360094
Facility Type: AWP

CORTESE:
Reg Id: 01360094
Region: CORTESE
Reg By: CALSI

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88 SE 1/2-1 4335 ft. Higher

MOHINDERA BEACON
14798 WASHINGTON AVE
SAN LEANDRO, CA 94578

LUST S101579960
Cortese N/A
CA FID UST

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0166		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1/21/87	Prelim Assess:	1/21/87
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/24/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	1/1/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	3/19/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		

MOHINDERA BEACON (Continued) **S101579960**

Oversight Prgm : LOP
Review Date : 6/28/95
Stop Date : 1/1/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100154
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 7336.974207
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000969

CORTESE:
Reg Id: 01-0166
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01000285	Regulate ID:	00043868
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(510) 483-7945
Mail To:	Not reported 60 DEAR WELL WAY SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

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89 **UNION OIL SS #3690** **HAZNET 1000167130**
South **14999 FARNSWORTH ST** **LUST N/A**
1/2-1 **SAN LEANDRO, CA 94579** **Cortese**
4415 ft. **CA FID UST**
Lower **HIST UST**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1574		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	3/8/93	Confirm Leak:	3/8/93
Workplan:	Not reported	Prelim Assess:	Not reported

UNION OIL SS #3690 (Continued) **1000167130**

Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/7/99		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	4/30/90		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/20/90		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	10/4/99		
Stop Date :	4/30/90		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101449		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	8894.858507		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Alameda County:

Region :	ALAMEDA
Facility ID :	RO0000877

UNION OIL SS #3690 (Continued) **1000167130**

HAZNET:

Gepaid:	CAD982054678
Tepaid:	CAD980887418
Gen County:	1
Tsd County:	1
Tons:	.2293
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Not reported
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	(714) 428-6560
Mailing Address:	PO BOX 25376
	SANTA ANA, CA 92799 - 5376
County	1

Gepaid:	CAD982054678
Tepaid:	CAD009466392
Gen County:	1
Tsd County:	7
Tons:	10.2750
Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	(714) 428-6560
Mailing Address:	PO BOX 25376
	SANTA ANA, CA 92799 - 5376
County	1

Gepaid:	CAD982054678
Tepaid:	CAD083166728
Gen County:	1
Tsd County:	Stanislaus
Tons:	1.2510
Category:	Unspecified oil-containing waste
Disposal Method:	Recycler
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	(714) 428-6560
Mailing Address:	PO BOX 25376
	SANTA ANA, CA 92799 - 5376
County	1

Gepaid:	CAD982054678
Tepaid:	CAD980887418
Gen County:	1
Tsd County:	1
Tons:	.2293
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	UNION OIL COMPANY OF CALIFORNI
Telephone:	(714) 428-6560
Mailing Address:	PO BOX 25376
	SANTA ANA, CA 92799 - 5376
County	1

UNION OIL SS #3690 (Continued) **1000167130**

Gepaid: CAD982054678
Tepaid: CAD980887418
Gen County: 1
Tsd County: 1
Tons: .5004
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: UNION OIL COMPANY OF CALIFORNI
Telephone: (714) 428-6560
Mailing Address: PO BOX 25376
SANTA ANA, CA 92799 - 5376
County 1

The CA HAZNET database contains 1 additional record for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: 01-1574
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01001684	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 351-9939
Mail To:	Not reported P O BOX 5155 SAN LEANDRO, CA 94579		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Facility ID:	01001684	Regulate ID:	00031647
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(415) 351-9939
Mail To:	Not reported 14999 FARNSWORTH ST SAN LEANDRO, CA 94579		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	31647		
Tank Num:	1	Container Num:	3690-1-1
Tank Capacity:	10000	Year Installed:	1973
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	ROBERT S. LYON	Telephone:	(415) 351-9939
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported

UNION OIL SS #3690 (Continued) **1000167130**

Facility ID:	31647		
Tank Num:	2	Container Num:	3690-2-1
Tank Capacity:	10000	Year Installed:	1973
Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	ROBERT S. LYON	Telephone:	(415) 351-9939
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported

Facility ID:	31647		
Tank Num:	3	Container Num:	3690-4-1
Tank Capacity:	550	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	ROBERT S. LYON	Telephone:	(415) 351-9939
Total Tanks:	3	Region:	STATE
Facility Type:	1	Other Type:	Not reported

90
NNW
1/2-1
4427 ft.
Higher

SPENCER NAHM CO
620 MARINA BLVD
SAN LEANDRO, CA 94577

HAZNET **S101624149**
LUST **N/A**
Cortese
CA FID UST

State LUST:

Cross Street:	SAN LEANDRO BLVD		
Qty Leaked:	Not reported		
Case Number	01-1868		
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	2/1/94	Confirm Leak:	2/1/94
Workplan:	8/29/94	Prelim Assess:	8/29/94
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	2/15/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	3/28/91		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/4/94		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Piping		
MTBE Date :	Not reported		

SPENCER NAHM CO (Continued) **S101624149**

Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: 2A4
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 2/1/94
Stop Date : 3/28/91
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101731
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2733.227003
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

HAZNET:
Gepaid: CAC000724416
Tepaid: NVT330010000
Gen County: 1
Tsd County: 99
Tons: 3.3750
Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Contact: SPENCER NAHM/PARTNER
Telephone: (000) 000-0000
Mailing Address: 1550 BANCROFT
SAN LEANDRO, CA 94577
County 1

CORTESE:
Reg Id: 01-1868
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

---

91 South 1/2-1 4434 ft. Lower **CHEVRON**
1240 MANOR BLVD
SAN LEANDRO, CA

LUST Cortese **S105030264 N/A**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0183
Reg Board: 2

CHEVRON (Continued) **S105030264**

Chemical:	Mineral Spirits		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	2/2/93	Confirm Leak:	2/2/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	3/15/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	1/12/93		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/2/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	3/15/95		
Stop Date :	1/12/93		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600100170		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	9045.199563		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

CORTESE:
Reg Id: 01-0183

CHEVRON (Continued) **S105030264**

Region: CORTESE
Reg By: Leaking Underground Storage Tanks

92 North 1/2-1 4487 ft. Higher **HUDSON ICS** **400 HUDSON LANE** **SAN LEANDRO, CA 92584** **Notify 65 LUST Cortese** **S100179596 N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0784		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	12/19/91	Confirm Leak:	12/19/91
Workplan:	12/31/92	Prelim Assess:	12/31/92
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	6/20/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	8/6/91		
Enforcement Dt :	3/19/93		
Enf Type:	Not reported		
Enter Date :	12/19/91		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	5/12/98		
Stop Date :	8/6/91		
Work Suspended :	N		
Responsible Party	BLANK RP		

HUDSON ICS (Continued) **S100179596**

RP Address: Not reported
Global Id: T0600100721
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 949.358151
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

CORTESE:
Reg Id: 01-0784
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

Reg Id: 01240035
Region: CORTESE
Reg By: CALSI

93
NW
1/2-1
4558 ft.
Higher

UNOCAL SERVICE STATION #4845
846 MARINA BLVD
SAN LEANDRO, CA 94577

LUST **S101580193**
Cortese **N/A**
CA FID UST

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1614
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 5/12/87
Confirm Leak: 5/12/87
Workplan: 6/29/93
Prelim Assess: 6/29/93
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 6/21/95
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 6/5/87
Enforcement Dt : 6/29/93
Enf Type: Not reported
Enter Date : 11/30/92
Funding: Federal Funds
Staff Initials: UNK

UNOCAL SERVICE STATION #4845 (Continued) **S101580193**

How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 6/29/95
Stop Date : 6/5/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101489
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3476.338111
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1614
Entered Date: 11/30/1992
Facility Status: Case Closed
Maximum Soil Concentration: 4400
Maximum Groundwater Impact: 16120
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: 16120
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000562

CORTESE:
Reg Id: 01-1614
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

UNOCAL SERVICE STATION #4845 (Continued) **S101580193**

FID:

Facility ID:	01001722	Regulate ID:	00007100
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 351-2730
Mail To:	Not reported 2000 CROW CANYON PL SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

R94
NW
1/2-1
4643 ft.
Higher

PETERSON TRACTOR FACILITY
955 MARINA BOULEVARD
SAN LEANDRO, CA 94577

Cal-Sites **S102008208**
N/A

Site 1 of 2 in cluster R

CAL-SITES:

Facility ID	01350118	
Status:	REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD	
Status Date:	06/10/1994	
Lead:	Not reported	
Region:	2 - BERKELEY	
Branch:	NC - NORTH COAST	
File Name:	Not reported	
Status Name:	PROPERTY/SITE REFERRED TO RWQCB	
Lead Agency:	N/A	Not reported
NPL:	Not reported	
SIC:	35 MANU - INDUSTRIAL MACHINERY & EQUIPMENT	
Facility Type:	N/A	
Type Name:	Not reported	
Staff Member Responsible for Site:	Not reported	
Supervisor Responsible for Site:	Not reported	
Region Water Control Board:	SF - SAN FRANCISCO BAY	
Access:	Controlled	
Cortese:	C	
Hazardous Ranking Score:	Not reported	
Date Site Hazard Ranked:	Not reported	
Groundwater Contamination:	Not reported	
No. of Contamination Sources:	0	
Lat/Long:	0° 0′ 0.00″ / 0° 0′ 0.00″	
Lat/long Method:	Not reported	
State Assembly District Code:	Not reported	
State Senate District:	Not reported	

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

R95
NW
1/2-1
4643 ft.
Higher

PETERSON TRACTOR CO.
955 MARINA BLVD.
SAN LEANDRO, CA 94577

LUST **1000218829**
Cortese **N/A**
AST

Site 2 of 2 in cluster R

PETERSON TRACTOR CO. (Continued) **1000218829**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1163		
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	12/22/88	Prelim Assess:	12/22/88
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/7/98		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	6/13/85		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/2/93		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	7/8/98		
Stop Date :	6/13/85		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101072		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		

PETERSON TRACTOR CO. (Continued) **1000218829**

Distance To Lust: 3740.525485
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1163
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

AST:
Region: 2
Owner: PETERSON TRACTOR CO.

S96 **GM TRAINING CENTER** **Notify 65** **S100227013**
NW **1444 MARINA** **N/A**
1/2-1 **SAN LEANDRO, CA 92584**
4664 ft.
Higher **Site 1 of 2 in cluster S**

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92584

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97 **CONCRETE WALL SAWING CO. INC.** **LUST** **S101624102**
WSW **14468 WICKS BLVD** **Cortese** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **CA FID UST**
4681 ft.
Higher

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0446
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 11/18/91 Confirm Leak: 11/18/91
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: 8/9/91 Remed Plan: 8/9/91
Remed Action: Not reported Monitoring: Not reported
Close Date: 2/20/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 2/27/87
Enforcement Dt : 11/18/91
Enf Type: Not reported
Enter Date : 7/20/93
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure

CONCRETE WALL SAWING CO. INC. (Continued) **S101624102**

How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 5/9/96
Stop Date : 2/27/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100405
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 8399.727451
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-0446
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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98 West 1/2-1 4721 ft. Higher

MAXWELL PHYSICS INTERNATIONAL
2700 MERCED ST
SAN LEANDRO, CA 94577

RCRIS-SQG **1000382065**
FINDS **CAD041834011**
Cortese
CA FID UST
HIST UST

RCRIS:
Owner: MAXWELL TECHNOLOGIES
(619) 576-3713
EPA ID: CAD041834011
Contact: PAUL CAYERE
(510) 577-7109
Classification: Handler transports wastes, but commercial status is unknown, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

MAXWELL PHYSICS INTERNATIONAL (Continued) **1000382065**

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	2170.03	D002	540.00
D006	200.00	D007	200.00
D008	880.03	D011	1880.06

Violation Status: Violations exist

Regulation Violated: 262.40-43.D
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/30/1998
Actual Date Achieved Compliance: 09/04/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/10/1998
Penalty Type: Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19980904

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CORTESE:
Reg Id: 01-2359
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:
Facility ID: 01002372
Regulate ID: 00009564
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported
SIC Code: Not reported
Status: Inactive
Facility Tel: (415) 577-7155
Mail To: Not reported
2700 MERCED ST
SAN LEANDRO, CA 94577
Contact: Not reported
Contact Tel: Not reported
DUNs No: Not reported
NPDES No: Not reported
Creation: 10/22/93
Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

UST HIST:
Facility ID: 9564
Tank Num: 1
Container Num: 2
Tank Capacity: 0
Year Installed: Not reported
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Tank Construction: Not reported
Leak Detection: Stock Inventor
Contact Name: H.J. DONHAM
Telephone: (415) 577-7155
Total Tanks: 2
Region: STATE

MAXWELL PHYSICS INTERNATIONAL (Continued) **1000382065**

Facility Type:	2	Other Type:	RESEARCH & DEVELOP.
Facility ID:	9564		
Tank Num:	2	Container Num:	1
Tank Capacity:	0	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	H.J. DONHAM	Telephone:	(415) 577-7155
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	RESEARCH & DEVELOP.

T99
NE
1/2-1
4724 ft.
Higher

ED CHOUANES FORD, INC
13889 E 14TH ST
SAN LEANDRO, CA 94578

Site 1 of 2 in cluster T

RCRIS-SQG **1000171068**
FINDS **CAD981382260**
HAZNET
LUST
Cortese
CA FID UST
HIST UST

RCRIS:
Owner: ED CHOUANES
(415) 555-1212
EPA ID: CAD981382260
Contact: ENVIRONMENTAL MANAGER
(415) 352-2000
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
National Emissions Trends (NET)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0546		
Reg Board:	2		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	12/10/91	Prelim Assess:	12/10/91
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/12/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		

ED CHOUANES FORD, INC (Continued) **1000171068**

Discover Date : 5/13/86
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/4/93
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 12/20/95
Stop Date : 5/13/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100499
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 1627.887019
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0546
Entered Date: 02/04/1993
Facility Status: Case Closed
Maximum Soil Concentration: 90
Maximum Groundwater Impact: 3200
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: 3200
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

ED CHOUANES FORD, INC (Continued) **1000171068**

HAZNET:

Gepaid:	CAD981382260
Tepaid:	CAD982446874
Gen County:	1
Tsd County:	Yolo
Tons:	1.9807
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Recycler
Contact:	DAVID ERICKSEN
Telephone:	(510) 352-2000
Mailing Address:	PO BOX 3076
	SAN LEANDRO, CA 94578 - 0076
County	1

Gepaid:	CAD981382260
Tepaid:	CAD982446874
Gen County:	1
Tsd County:	Yolo
Tons:	.5629
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	DAVID ERICKSEN
Telephone:	(510) 352-2000
Mailing Address:	PO BOX 3076
	SAN LEANDRO, CA 94578 - 0076
County	1

Gepaid:	CAD981382260
Tepaid:	CA0000084517
Gen County:	1
Tsd County:	Sacramento
Tons:	.1250
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Transfer Station
Contact:	DAVID ERICKSEN
Telephone:	(510) 352-2000
Mailing Address:	PO BOX 3076
	SAN LEANDRO, CA 94578 - 0076
County	1

Gepaid:	CAD981382260
Tepaid:	CA0000084517
Gen County:	1
Tsd County:	Sacramento
Tons:	.2165
Category:	Aqueous solution with less than 10% total organic residues
Disposal Method:	Treatment, Tank
Contact:	DAVID ERICKSEN
Telephone:	(510) 352-2000
Mailing Address:	PO BOX 3076
	SAN LEANDRO, CA 94578 - 0076
County	1

ED CHOUANES FORD, INC (Continued) **1000171068**

Gepaid: CAD981382260
Tepaid: CAD009452657
Gen County: 1
Tsd County: San Mateo
Tons: .6711
Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Contact: DAVID ERICKSEN
Telephone: (510) 352-2000
Mailing Address: PO BOX 3076
SAN LEANDRO, CA 94578 - 0076
County 1

The CA HAZNET database contains 34 additional records for this site.
Please contact your EDR Account Executive for more information.

CORTESE:
Reg Id: 01-0546
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01002366	Regulate ID:	CAD981382
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 2475 MYRTLE AVE EUREKA, CA 95501		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

Facility ID:	01002366	Regulate ID:	CAD981382
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 352-2000
Mail To:	Not reported 13889 E 014TH ST SAN LEANDRO, CA 94578		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	2598		
Tank Num:	1	Container Num:	1
Tank Capacity:	350	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Visual		
Contact Name:	ED CHOVANES	Telephone:	(415) 352-2000
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	AUTO DEALER

T100 **ELLIS PROPERTY** **LUST** **S102429183**
NE **12 MONTECITO ST** **Cortese** **N/A**
1/2-1 **SANTA BARBARA, CA 94578**
4724 ft.
Higher **Site 2 of 2 in cluster T**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	2449		
Reg Board:	3		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	42000		
Case Type:	Soil only		
Status:	Not reported		
County:	Santa Barbara		
Abate Method:	Other Means		
Review Date:	4/29/94	Confirm Leak:	4/29/94
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/27/94		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	4/21/94		
Enforcement Dt :	1/1/65		
Enf Type:	None taken		
Enter Date :	Not reported		
Funding:	Federal Funds		
Staff Initials:	631		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	3B1		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	RBA		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	Not reported		
Stop Date :	Not reported		
Work Suspended :	Not reported		
Responsible Party	Not reported		
RP Address:	Not reported		
Global Id:	T0608300247		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		

ELLIS PROPERTY (Continued) **S102429183**

Mtbe Fuel: Not reported
Water System Name: SANTA BARBARA WATER DEPARTMENT
Well Name: VERA CRUZ WELL - ABANDONED
Distance To Lust: 2263.72958
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 3:

Case Number:	2449	Release Date	04/21/1994
Cross Street:	Not reported	Enter Date:	Not reported
Responsible Party	Not reported		
Operator:	Not reported	Contact:	Not reported
Local Agency:	03	Regional Board:	Central Coast Region
Local Case Num:	90056		
Quantity:	Not reported		
Discovered:	04/21/1994	Stop Date:	Not reported
How Found:	Not reported	How Stopped:	Not reported
Source:	Other		
Cause:	Not reported		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Priority:	3B1	Staff Initials:	RBA
Facility Status:	Case Closed		
Facility County:	Santa Barbara		
Abate Method:	Other		
Review Date:	Not reported	Funding:	Federal Funds
Confirm Leak:	4/29/94	Workplan:	3/14/94
Basin Plan:	Not reported		
Prelim Assess:	Not reported	Pollution Char:	Not reported
Remedial Plan:	Not reported	Remedial Action:	Not reported
Monitoring:	Not reported	Close Date:	07/27/1994
Enforce Type:	None Taken		
Enforce Date:	01/01/1965	Pilot Program:	LOP
Interim Action:	Not reported	Region:	3

Mtbe Concentration :
Mtbe Fuel: 1
Org Name: Not reported
Water System: SANTA BARBARA WATER DEPARTMENT
Well Name: VERA CRUZ WELL - ABANDONED
Dist From Well: 2263.729580436765183791964 7764
Assigned Name: 04N/27W-22B06 S
Mtbe Class: *
CUF Id : Not reported
Max MTBE Ground Water : Not reported
Max MTBE Soil : Not reported
Max MTBE Data : Not reported
MTBE Tested : NT
Suspended : Not reported
Beneficial : Not reported
Lat/Long : 34.415 / -119.69
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
Summary: Not reported

CORTESE:
Reg Id: 2449
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

101 WSW 1/2-1 4730 ft. Higher

SEARS
2003 AVENUE 140TH W
SAN LEANDRO, CA 94577

LUST **S105026338**
Cortese **N/A**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1312		
Reg Board:	2		
Chemical:	Unleaded Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	3/3/87	Prelim Assess:	3/3/87
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/14/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/13/87		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/13/87		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	11/14/97		
Stop Date :	2/13/87		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101207		
Org Name:	Not reported		

SEARS (Continued) **S105026338**

Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 8129.439642
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1312
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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102 NNW 1/2-1 4741 ft. Higher

METAL MENDING
868 ESTABROOK
SAN LEANDRO, CA 94577

LUST S102433319
Cortese N/A

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-64
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 9/4/90
Confirm Leak: 9/4/90
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/16/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 9/4/90
Enforcement Dt : 4/21/93
Enf Type: Not reported
Enter Date : 9/17/96
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Unknown
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported

METAL MENDING (Continued) **S102433319**

Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 10/16/96
Stop Date : 9/4/90
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101988
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 3623.504557
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2164
Entered Date: 09/17/1996
Facility Status: Case Closed
Maximum Soil Concentration: 51
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2164
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

U103 **MURRAY KELSOE** **HAZNET S102432996**
NW **1066 MARINA BLVD** **LUST N/A**
1/2-1 **SAN LEANDRO, CA 94577** **Cortese**
4767 ft.
Higher **Site 1 of 2 in cluster U**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-93
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Undefined
Status: Not reported
County: 1
Review Date: 7/12/95
Workplan: Not reported
Confirm Leak: 7/12/95
Prelim Assess: Not reported

MURRAY KELSOE (Continued) **S102432996**

Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	7/29/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/26/96		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/12/95		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Other Means		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	8/6/96		
Stop Date :	2/26/96		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101924		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		
Distance To Lust:	4276.951586		
Waste Discharge Global ID:	Not reported		
Waste Disch Assigned Name:	Not reported		

LUST Region 2:

Region:	2
Facility Id:	01-2093
Entered Date:	07/12/1995
Facility Status:	Case Closed
Maximum Soil Concentration:	0
Maximum Groundwater Impact:	0
County :	Alameda
Current Benzene:	Not reported
MTBE Detected in GW:	No
MTBE Detected in Soil:	Not reported

MURRAY KELSOE (Continued) **S102432996**

MTBE: 0
MTBE Qualify: Not reported

HAZNET:
Gepaid: CAC000882160
Tepaid: CAL000048571
Gen County: 1
Tsd County: Santa Clara
Tons: .4170
Category: Waste oil and mixed oil
Disposal Method: Recycler
Contact: MURRAY KELSOE
Telephone: (000) 000-0000
Mailing Address: 1066 MARINA BLVD
SAN LEANDRO, CA 94577
County 1

Gepaid: CAC000882160
Tepaid: CAD009466392
Gen County: 1
Tsd County: 7
Tons: 6.5000
Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Contact: MURRAY KELSOE
Telephone: (000) 000-0000
Mailing Address: 1066 MARINA BLVD
SAN LEANDRO, CA 94577
County 1

CORTESE:
Reg Id: 01-2093
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

U104 **BEACON STATION #720** **HAZNET S101580175**
NW **1088 MARINA BLVD** **LUST N/A**
1/2-1 **SAN LEANDRO, CA 94577** **Cortese**
4782 ft. **CA FID UST**
Higher **Site 2 of 2 in cluster U**

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-1526
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: Vapor Extraction
Review Date: 8/29/90
Workplan: 4/16/87
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported

Confirm Leak: 8/29/90
Prelim Assess: 4/16/87
Remed Plan: Not reported
Monitoring: Not reported

BEACON STATION #720 (Continued) **S101580175**

Discover Date : 1/23/87
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 8/29/90
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : 11/15/01
Max MTBE GW : 84000
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 6/19/01
Stop Date : 1/23/87
Work Suspended : N
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600101409
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4482.07881
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000216

HAZNET:
Gepaid: CAC001443208
Tepaid: CAT080013352
Gen County: 1
Tsd County: Los Angeles
Tons: 4.1700
Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Contact: ULTRA MAR/BEACON
Telephone: (000) 000-0000
Mailing Address: 525 W 3RD ST
HANFORD, CA 93230
County 1

BEACON STATION #720 (Continued) **S101580175**

CORTESE:
Reg Id: 01-1526
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01001640	Regulate ID:	00011108
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	Not reported
Mail To:	Not reported 525 W THIRD ST SAN LEANDRO, CA 94577		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

S105 **SAFEWAY PRESERVES PLANT** **HAZNET** **S101624142**
NW **1111 MARINA BLVD** **LUST** **N/A**
1/2-1 **SAN LEANDRO, CA 94577** **Cortese**
4788 ft. **CA FID UST**
Higher **Site 2 of 2 in cluster S**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1282		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Remove Free Product - remove floating product from water table		
Review Date:	6/20/90	Confirm Leak:	6/20/90
Workplan:	10/10/90	Prelim Assess:	10/10/90
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	6/28/96		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	12/15/89		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	6/20/90		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		

SAFEWAY PRESERVES PLANT (Continued) **S101624142**

Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 7/16/96
Stop Date : 5/8/90
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101179
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4382.736639
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0001040

HAZNET:
Gepaid: CAC002285033
Tepaid: CAD981382732
Gen County: 1
Tsd County: 1
Tons: 29.4980
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Contact: FORD MOTOR CO INC
Telephone: (313) 322-0701
Mailing Address: 1 PARKLANE BLVD STE 500E
DEARBORN, MI 48126
County 1

CORTESE:
Reg Id: 01-1282
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

106
NW
1/2-1
4788 ft.
Higher

DIESEL RECON COMPANY
2100 ORCHARD AVE
SAN LEANDRO, CA 94577

HAZNET **S100860407**
Cortese **N/A**
CA SLIC

DIESEL RECON COMPANY (Continued) **S100860407**

HAZNET:
Gepaid: CAD981571235
Tepaid: CAT000646117
Gen County: 1
Tsd County: Kings
Tons: .9800
Category: Contaminated soil from site clean-ups
Disposal Method: Not reported
Contact: DIESEL RECON COMPANY
Telephone: (000) 000-0000
Mailing Address: 2100 ORCHARD AVE
SAN LEANDRO, CA 94577
County 1

CORTESE:
Reg Id: 01-1061
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SLIC Region 2:
Facility ID: 01S0394
Region: 2
Facility Status: Inactive — Not reported
Staff: CTH — Not reported
Last Site Update: Not reported
NPL Status: Not an NPL site — Discovery Date: Not reported
Case List: SLIC — Imaged: No
Date Closed: Not reported
Abate Method: Not reported — Substance: Not reported
Case Type: NT — Sample Date: Not reported
Contamination: Not reported
Lead: RWQCB
Contamination Level:
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0
Soil Removal or Contaminant Action Started:
Soil Removal or Contaminant Action Completed: 0
On-Site Groundwater Extraction or Containment is Needed: 0
On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed: 0
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type:
EPA ID:
Stages of Site Investigation Process Initiated:
Begun Characterization : Not reported
Completed Characterization : Not reported
Begun Remediation: Not reported
Completed Remediation: Not reported

DIESEL RECON COMPANY (Continued) **S100860407**

Submitted Remediation Plan: Not reported
Approved Remediation Plan: Not reported
Begun Final Remedial Action: Not reported
Completed Final Remedial Action: Not reported
Facility Desc: Not reported
Comment: Not reported

107 NW 1/2-1 4858 ft. Higher

DORALS **LUST S102428902**
2151 WAYNE **Cortese N/A**
SAN LEANDRO, CA 94577

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-79		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Review Date:	9/29/99	Confirm Leak:	9/29/99
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/11/00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	9/29/99		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/29/99		
Funding:	Not reported		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	1/2/65		
Max MTBE GW :	32		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	<		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)		
Oversight Prgm :	LIA		
Review Date :	10/6/00		
Stop Date :	9/29/99		

DORALS (Continued) **S102428902**

Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102284
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 5146.975277
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2479
Entered Date: 09/29/1999
Facility Status: Case Closed
Maximum Soil Concentration: 1400
Maximum Groundwater Impact: 93000
County : Alameda
Current Benzene: 0
MTBE Detected in GW: 93000
MTBE Detected in Soil: 0.1
MTBE: 32
MTBE Qualify: 32

CORTESE:
Reg Id: 01-2479
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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108 NW 1/2-1 4863 ft. Higher

JOE'S TIRE SERVICE
1200 MARINA BLVD
SAN LEANDRO, CA 94579

LUST S102431938
Cortese N/A

State LUST:
Cross Street: WAYNE AVE
Qty Leaked: Not reported
Case Number Jan-25
Reg Board: 2
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Review Date: 2/1/94
Confirm Leak: 2/1/94
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 12/8/95
Release Date: Not reported
Cleanup Fund Id : Not reported

JOE'S TIRE SERVICE (Continued) **S102431938**

Discover Date : 10/15/92
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/4/94
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Yes
Leak Cause: Unknown
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 2/2/94
Stop Date : 10/15/92
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101951
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 4845.904996
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2125
Entered Date: 02/04/1994
Facility Status: Case Closed
Maximum Soil Concentration: 560
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2125

JOE'S TIRE SERVICE (Continued) **S102431938**

Region: CORTESE
Reg By: Leaking Underground Storage Tanks

109 NE 1/2-1 4888 ft. Higher **SIMAS BROS SERVICE STATIO** **LUST S103472414**
14180 14TH **Cortese N/A**
SAN LEANDRO, CA 94577

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0860		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	1/29/93	Confirm Leak:	1/29/93
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	8/12/86		
Enforcement Dt :	2/3/93		
Enf Type:	Not reported		
Enter Date :	6/27/90		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	1/2/65		
Max MTBE GW :	250		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	<		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	4/5/01		
Stop Date :	8/12/86		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		

SIMAS BROS SERVICE STATIO (Continued) **S103472414**

Global Id: T0600100794
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2383.196237
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0860
Entered Date: 06/27/1990
Facility Status: Pollution Characterization
Maximum Soil Concentration: 11000
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-0860
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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110 ENE 1/2-1 4943 ft. Higher

CAR STORE THE
14285 14TH ST E
SAN LEANDRO, CA 94578

LUST S103177037
Cortese N/A

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-24
Reg Board: 2
Chemical: Waste Oil
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Soil only
Status: Not reported
County: 1
Review Date: 4/28/94
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 5/21/96
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 4/28/94
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 7/3/94
Funding: Federal Funds
Staff Initials: UNK

Confirm Leak: 4/28/94
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

CAR STORE THE (Continued) **S103177037**

How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 7/3/94
Stop Date : 4/28/94
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101784
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 2832.439943
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1924
Entered Date: 07/03/1994
Facility Status: Case Closed
Maximum Soil Concentration: 230
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1924
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

111
SE
1/2-1
5035 ft.
Higher

ROTO-ROOTER SEWER SERVICE
14985 WASHINGTON AVE
SAN LEANDRO, CA 94578

LUST S101624166
Cortese N/A
CA FID UST

ROTO-ROOTER SEWER SERVICE (Continued) **S101624166**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1261		
Reg Board:	2		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)		
Review Date:	1/17/91	Confirm Leak:	1/17/91
Workplan:	7/2/91	Prelim Assess:	7/2/91
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	1/7/97		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/5/90		
Enforcement Dt :	6/29/93		
Enf Type:	Not reported		
Enter Date :	1/17/91		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	Not reported		
Oversight Prgm:	Local Oversight Program UST		
Oversight Prgm :	LOP		
Review Date :	1/8/97		
Stop Date :	11/5/90		
Work Suspended :	N		
Responsible Party	BLANK RP		
RP Address:	Not reported		
Global Id:	T0600101159		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	0		
Mtbe Fuel:	Not reported		
Water System Name:	Not reported		
Well Name:	Not reported		

ROTO-ROOTER SEWER SERVICE (Continued) **S101624166**

Distance To Lust: 8556.097616
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000550

CORTESE:
Reg Id: 01-1261
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

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112 West 1/2-1 5082 ft. Higher

REYNOLDS & BROWN
2565 MERCED ST
SAN LEANDRO, CA 94577

LUST S101624136
Cortese N/A
CA FID UST

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1237		
Reg Board:	2		
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Local Agency :	1007		
Case Type:	Soil only		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	8/24/94		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	9/24/86		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/24/86		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	No		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		

REYNOLDS & BROWN (Continued) **S101624136**

Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 8/23/94
Stop Date : 9/24/86
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101136
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 7346.351057
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-1237
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

113
SSE
1/2-1
5146 ft.
Higher

FARIA BROS. ACE HARDWARE
519 MANOR BLVD
SAN LEANDRO, CA 94579

LUST **S101624174**
Cortese **N/A**
CA FID UST

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number Jan-38
Reg Board: 2
Chemical: Kerosene
Lead Agency: Local Agency
Local Agency : 1007
Case Type: Other ground water affected
Status: Not reported
County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: Not reported
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 10/16/97
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 2/23/87
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 2/23/87
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No

FARIA BROS. ACE HARDWARE (Continued) **S101624174**

Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)
Oversight Prgm : LIA
Review Date : 10/16/97
Stop Date : 2/23/87
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102055
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 8854.627171
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2238
Entered Date: 02/23/1987
Facility Status: Case Closed
Maximum Soil Concentration: 4200
Maximum Groundwater Impact: 160000
County : Alameda
Current Benzene: 0
MTBE Detected in GW: 160000
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-2238
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

V114 **LUST S100279377**
NNE **9800 E 14TH ST** **CHMIRS N/A**
1/2-1 **OAKLAND, CA 94603**
5164 ft.
Higher **Site 1 of 2 in cluster V**

(Continued) **S100279377**

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000392

CHMIRS:

OES Control Number:	8907915	DOT ID:	1203
DOT Hazard Class:	Flammable liquid		
Chemical Name:	GASOLINE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	100
Environmental Contamination:	Ground	Property Use:	Mercantile, Business
Incident Date:	15-SEP-89	Date Completed:	15-SEP-89

Time Completed :	300
Physical State Stored :	Liquid
Physical State Released :	Liquid
Release Unit :	Gallons
Container Description :	1
Container Type :	01
Container Material :	Not reported
Level Of Container :	10
Container Capacity :	Not reported
Container Capacity Units (code) :	Not reported
Extent Of Release (code) :	6
Agency Id Number :	1075
Agency Incident Number :	8926736
OES Incident Number :	8907915
Time Notified :	2211
Surrounding Area :	400
Estimated Temperature :	Not reported
Property Management :	P
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Responding Agency Personel # Of Injuries :	0
Responding Agency Personel # Of Fatalities :	0
Resp Agncy Personel # Of Decontaminated :	0
Others Number Of Decontaminated :	0
Others Number Of Injuries :	0
Others Number Of Fatalities :	0
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 :	LT. DAVE FLETCHER
Report Date :	15-SEP-89
Comments :	Not reported
Facility Telephone Number :	415 444-3322

V115 SUPERIOR AUTO BODY **RCRIS-SQG 1000215833**
NNE 7933 E 14TH ST **FINDS CAD981633571**
1/2-1 OAKLAND, CA 94621 **HAZNET**
5196 ft. **LUST**
Higher Site 2 of 2 in cluster V **Cortese**
CA FID UST
LOS ANGELES CO. HMS

RCRIS:
Owner: EDWARD NWOKEDI
(415) 555-1212
EPA ID: CAD981633571
Contact: ENVIRONMENTAL MANAGER
(415) 568-5617
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	Jan-06		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Undefined		
Status:	Not reported		
County:	1		
Review Date:	2/27/97	Confirm Leak:	2/27/97
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	3/1/00		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	11/27/96		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	9/28/98		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		

SUPERIOR AUTO BODY (Continued) **1000215833**

Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 3/8/00
Stop Date : 11/27/96
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600102216
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 13736.28811
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-2406
Entered Date: 09/28/1998
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

LUST Alameda County:
Region : ALAMEDA
Facility ID : RO0000746

HAZNET:
Gepaid: CAD981633571
Tepaid: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0135
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 7933 E 14TH ST
OAKLAND, CA 94621
County 1

SUPERIOR AUTO BODY (Continued) **1000215833**

Gepaid: CAD981633571
Tepaid: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0810
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 7933 E 14TH ST
OAKLAND, CA 94621
County 1

Gepaid: CAD981633571
Tepaid: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0270
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 7933 E 14TH ST
OAKLAND, CA 94621
County 1

Gepaid: CAD981633571
Tepaid: CAT000613893
Gen County: 1
Tsd County: Los Angeles
Tons: .0135
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Not reported
Contact: Not reported
Telephone: (000) 000-0000
Mailing Address: 7933 E 14TH ST
OAKLAND, CA 94621
County 1

CORTESE:
Reg Id: 01-2406
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:
Facility ID: 01002496 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: Not reported
Mail To: Not reported
7933 E 14TH ST
OAKLAND, CA 94621
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

HMS:

SUPERIOR AUTO BODY (Continued) **1000215833**

Facility Id: 020012-028541
Facility Type: Not reported
Permit Number: Not reported
Permit Status: Not reported
Facility Status: OPEN
Area: 6
Region: Los Angeles County:

W116 GENERAL ELECTRIC CO **Cal-Sites 1000214031**
NNE 5441 E 14TH ST **PADS CAD009208075**
1/2-1 OAKLAND, CA 94601 **RCRIS-SQG**
5244 ft. **FINDS**
Higher Site 1 of 5 in cluster W **LUST**
Cortese
RCRIS-TSD
AWP
CA SLIC
CORRACTS
CERC-NFRAP
DEED

CERCLIS-NFRAP Classification Data:
Site Incident Category: Not reported
Federal Facility: Not a Federal Facility
Non NPL Code: NFRAP
Ownership Status: Unknown
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	11/01/1979
Assessment:	PRELIMINARY ASSESSMENT	Completed:	10/01/1980
Assessment:	HRS PACKAGE	Completed:	10/01/1981
Assessment:	SITE INSPECTION	Completed:	10/01/1981
Assessment:	ARCHIVE SITE	Completed:	01/23/1996

CORRACTS Data:

EPA Id: CAD009208075
Region: 9
State: CA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 11/21/1991
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

EPA Id: CAD009208075
Region: 9
State: CA
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 03/31/1992
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

GENERAL ELECTRIC CO (Continued) **1000214031**

RCRIS Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 03/31/1992

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
Event Date: 03/31/1992

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 11/21/1991

RCRIS:
Owner: GENERAL ELECTRIC CO
(518) 385-3308
EPA ID: CAD009208075

Contact: RICK FATTEN
(714) 630-4111

Rank Status: 3
Rank Date: 08/27/1992
Classification: TSDF
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 07/02/1992
Actual Date Achieved Compliance: 03/30/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/28/1987
Penalty Type: Not reported

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/31/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 264.10-18.B
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/13/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS

GENERAL ELECTRIC CO (Continued) **1000214031**

Date Violation Determined: 12/13/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 262.50-60
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/13/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 262.30-34.C
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 12/13/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 12/13/1991
Actual Date Achieved Compliance: 04/21/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/20/1991
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/23/1990
Actual Date Achieved Compliance: 11/17/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/13/1990
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/26/1988
Actual Date Achieved Compliance: 02/02/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/28/1988
Penalty Type: Not reported

Regulation Violated: 264.110-120.G
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 09/26/1988
Actual Date Achieved Compliance: 02/02/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/28/1988
Penalty Type: Not reported

Regulation Violated: 268.7
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 09/26/1988

GENERAL ELECTRIC CO (Continued) **1000214031**

Actual Date Achieved Compliance: 02/02/1989

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/26/1988
Actual Date Achieved Compliance: 01/31/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/02/1988
Penalty Type: Not reported

Regulation Violated: 268 ALL
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 09/26/1988
Actual Date Achieved Compliance: 02/02/1989

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/25/1986
Actual Date Achieved Compliance: 09/26/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/28/1987
Penalty Type: Not reported

There are 14 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19930330
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920421
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19920421
	GENERATOR-LAND BAN REQUIREMENTS	19920421
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920421
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920421
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920421
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19951117
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19890131
Other Evaluation	TSD-LAND BAN REQUIREMENTS	19890202
	GENERATOR-LAND BAN REQUIREMENTS	19890202
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890202
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19890202
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19880926

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 01-0687
Reg Board: 2
Chemical: Misc. Motor Vehicle Fuels
Lead Agency: Local Agency
Local Agency : 1000
Case Type: Other ground water affected
Status: Not reported

GENERAL ELECTRIC CO (Continued) **1000214031**

County: 1
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 8/24/94
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : 12/3/87
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 3/13/87
Funding: Federal Funds
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 1/24/96
Stop Date : 12/3/87
Work Suspended :N
Responsible Party BLANK RP
RP Address: Not reported
Global Id: T0600100632
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 8967.123723
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

Confirm Leak: 8/24/94
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-0687
Entered Date: 03/13/1987
Facility Status: Leak being confirmed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 9999999
County : Alameda

GENERAL ELECTRIC CO (Continued) **1000214031**

Current Benzene: Not reported
MTBE Detected in GW: 9999999
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CA DEEDS:
Facility Id: 1360059
Number of Deeds:1

CAL-SITES:
Facility ID 01360059
Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Date: 06/25/1997
Lead: DTSC
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: PARCEL 41-3848-1
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL Not reported
NPL: Not Listed
SIC: 36 MANU - ELECTRONIC & OTHER ELECTRIC EQUIP
Facility Type: RESPONSIBLE PARTY
Type Name: RP
Staff Member Responsible for Site: RSUNGA
Supervisor Responsible for Site: DTSUJI
Region Water Control Board: SF - SAN FRANCISCO BAY
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
No. of Contamination Sources: 1
Lat/Long: 37° 46´ 8.00˝ / 122° 12´ 16.00˝
Lat/long Method: TEALE ADDRESS MATCH
State Assembly District Code: 14
State Senate District: 09

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

AWP Facility ID: 1360059
Facility Type: AWP

CORTESE:
Reg Id: 01360059
Region: CORTESE
Reg By: CALSI

Reg Id: 01-0687
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

SLIC Region 2:
Facility ID: 01S0008
Region: 2
Facility Status: Active Not reported
Staff: BG Not reported
Last Site Update: 08/29/1991

GENERAL ELECTRIC CO (Continued) **1000214031**

NPL Status:	Not an NPL site	Discovery Date:	Not reported
Case List:	SLIC	Imaged:	No
Date Closed:	Not reported		
Abate Method:	Not reported	Substance:	Not reported
Case Type:	NT	Sample Date:	Not reported
Contamination:	WASTE DISPOSAL PRACTICES		
Lead:	RWQCB		

Contamination Level:
Number of Municipal Wells Contaminated by Site: 0
Number of Private Wells Contaminated by Site: 0
Soil Removal or Contaminant Action Started:
Soil Removal or Contaminant Action Completed: 0
On-Site Groundwater Extraction or Containment is Needed: 0
On-Site Groundwater Extraction or Containment Started:
Off-Site Groundwater Extraction or Containment is Needed:
Off-Site Groundwater Extraction or Containment Started:
Length of Contamination Plume (Feet): 0
Depth of Contamination Plume (Feet): 0
Wells Closed Due To Contamination of Site:
Date of Wells Closure:
Nearest Public or Private Drinking Water Well (Feet): 0
Under Jurisdiction of Lead Agency Date:
Latitude/Longitude: 38 / -122
Flow Rate: 0
Flow Date:
Percent of Contaminants Contained: 0
Contaminant Type: GW
EPA ID:
Stages of Site Investigation Process Initiated:
Begun Characterization : No
Completed Characterization : Yes
Begun Remediation: Yes
Completed Remediation: No
Submitted Remediation Plan: No
Approved Remediation Plan: No
Begun Final Remedial Action: No
Completed Final Remedial Action: No

Facility Desc: MANUFACTURES TRANSFORMERS AND SWITCHBOARDS
Comment: no source control, gw cleanup, gw mna, eng. Controls, inst, controls.

W117 **QUAKER OATS CO THE** **RCRIS-SQG** **1000594095**
NNE **5625 E 14TH ST** **FINDS** **CAD983577404**
1/2-1 **OAKLAND, CA 94621** **LUST**
5247 ft. **Cortese**
Higher **Site 2 of 5 in cluster W** **CA FID UST**
HIST UST

QUAKER OATS CO THE (Continued) **1000594095**

RCRIS:
Owner: QUAKER OATS CO
(312) 222-7111
EPA ID: CAD983577404

Contact: MARGE NAUGHTON
(510) 535-3214

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-1213		
Reg Board:	2		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Undefined		
Status:	Not reported		
County:	1		
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/30/95		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	6/7/89		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	7/18/89		
Funding:	Federal Funds		
Staff Initials:	UNK		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Structure Failure		
Leak Source:	Tank		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	Not Required to be Tested.		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	CTH		

QUAKER OATS CO THE (Continued) **1000594095**

GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 8/7/96
Stop Date : 6/26/89
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600101115
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 9039.83496
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 2:
Region: 2
Facility Id: 01-1213
Entered Date: 07/18/1989
Facility Status: Case Closed
Maximum Soil Concentration: 0
Maximum Groundwater Impact: 0
County : Alameda
Current Benzene: Not reported
MTBE Detected in GW: No
MTBE Detected in Soil: Not reported
MTBE: 0
MTBE Qualify: Not reported

CORTESE:
Reg Id: 01-1213
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:

Facility ID:	01002261	Regulate ID:	00066130
Reg By:	Inactive Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Inactive	Facility Tel:	(415) 261-5800
Mail To:	Not reported P O BOX OAKLAND, CA 94621		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

UST HIST:

Facility ID:	66130		
Tank Num:	1	Container Num:	1

QUAKER OATS CO THE (Continued) **1000594095**

Tank Capacity:	12000	Year Installed:	1976
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	X inches
Leak Detection:	Stock Inventor		
Contact Name:	DALE ROWSEY	Telephone:	(415) 261-5800
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	CANNERY
Facility ID:	66130		
Tank Num:	2	Container Num:	2
Tank Capacity:	12000	Year Installed:	1976
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	DALE ROWSEY	Telephone:	(415) 261-5800
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	CANNERY
Facility ID:	66130		
Tank Num:	3	Container Num:	3
Tank Capacity:	0	Year Installed:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	DALE ROWSEY	Telephone:	(415) 261-5800
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	CANNERY

W118 **COLSONS GARAGE** **LUST S102428223**
NNE **5096 SIXTH ST** **Cortese N/A**
1/2-1 **CARPINTERIA, CA 93013**
5247 ft.
Higher **Site 3 of 5 in cluster W**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	2162		
Reg Board:	3		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	42000		
Case Type:	Soil only		
Status:	Not reported		
County:	Santa Barbara		
Abate Method:	Other Means		
Review Date:	3/15/90	Confirm Leak:	3/15/90
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	4/8/92	Remed Plan:	4/8/92
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	9/30/92		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	2/22/90		
Enforcement Dt :	1/1/65		
Enf Type:	None taken		
Enter Date :	Not reported		
Funding:	State Funds		
Staff Initials:	631		

COLSONS GARAGE (Continued) **S102428223**

How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: -0-
Local Case # : Not reported
Beneficial: Not reported
Staff : RBA
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : Not reported
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyNot reported
RP Address: Not reported
Global Id: T0608300138
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: CARPINTERIA COUNTY WATER DISTRICT
Well Name: CATLIN WELL - DESTROYED
Distance To Lust: 2247.665458
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

LUST Region 3:

Case Number:	2162	Release Date	02/22/1990
Cross Street:	Not reported	Enter Date:	Not reported
Responsible Party	Not reported		
Operator:	Not reported	Contact:	Not reported
Local Agency:	03	Regional Board:	Central Coast Region
Local Case Num:	50592		
Quantity:	Not reported		
Discovered:	02/22/1990	Stop Date:	Not reported
How Found:	Not reported	How Stopped:	Not reported
Source:	Other		
Cause:	Not reported		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Priority:	-0-	Staff Initials:	RBA
Facility Status:	Case Closed		
Facility County:	Santa Barbara		
Abate Method:	Other		
Review Date:	Not reported	Funding:	State Funds
Confirm Leak:	3/15/90	Workplan:	7/3/90
Basin Plan:	Not reported		
Prelim Assess:	Not reported	Pollution Char:	2/27/92
Remedial Plan:	4/8/92	Remedial Action:	Not reported

COLSONS GARAGE (Continued) **S102428223**

Monitoring: Not reported
Enforce Type: None Taken
Enforce Date: 01/01/1965
Interim Action: Not reported
Mtbe Concentration :
Mtbe Fuel: 1
Org Name: Not reported
Water System: CARPINTERIA COUNTY WATER DISTRICT
Well Name: CATLIN WELL - DESTROYED
Dist From Well: 2247.665457592436513855564406 7
Assigned Name: 04N/25W-28N03 S
Mtbe Class: *
CUF Id : Not reported
Max MTBE Ground Water : Not reported
Max MTBE Soil : Not reported
Max MTBE Data : Not reported
MTBE Tested : NT
Suspended : Not reported
Beneficial : Not reported
Lat/Long : 34.395 / -119.52
Soil Qualifier: Not reported
Groundwater Qualifier: Not reported
Summary: Not reported

Close Date: 09/30/1992
Pilot Program: LOP
Region: 3

CORTESE:
Reg Id: 2162
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

W119 NNE 1/2-1 5275 ft. Higher **UNOCAL SERVICE STATION #2656**
4251 14TH, E.
OAKLAND, CA 92626

Notify 65 **1000167197**
HIST UST **N/A**

Site 4 of 5 in cluster W

NOTIFY 65:
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92626
Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 92626

UST HIST:
Facility ID: 31715
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: Stock Inventor
Contact Name: JOHNSON, C.S. CHOW
Total Tanks: 4
Facility Type: 1

Container Num: 2656-1-1
Year Installed: 1967
Tank Construction: Not reported
Telephone: (415) 534-7676
Region: STATE
Other Type: Not reported

Facility ID: 31715
Tank Num: 2
Container Num: 2656-2-1

UNOCAL SERVICE STATION #2656 (Continued) **1000167197**

Tank Capacity:	10000	Year Installed:	1967
Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JOHNSON, C.S. CHOW	Telephone:	(415) 534-7676
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	31715		
Tank Num:	3	Container Num:	2656-4-1
Tank Capacity:	550	Year Installed:	Not reported
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	JOHNSON, C.S. CHOW	Telephone:	(415) 534-7676
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported
Facility ID:	31715		
Tank Num:	4	Container Num:	2656-10-1
Tank Capacity:	0	Year Installed:	1967
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Construction:	6 inches
Leak Detection:	Visual		
Contact Name:	JOHNSON, C.S. CHOW	Telephone:	(415) 534-7676
Total Tanks:	4	Region:	STATE
Facility Type:	1	Other Type:	Not reported

W120 **GRAND AUTO** **LUST** **1000308684**
NNE **4240 E 014TH ST** **Cortese** **N/A**
1/2-1 **OAKLAND, CA 94601** **CA FID UST**
5275 ft. **HIST UST**
Higher **Site 5 of 5 in cluster W**

State LUST:

Cross Street:	Not reported		
Qty Leaked:	Not reported		
Case Number	01-0367		
Reg Board:	2		
Chemical:	Mineral Spirits		
Lead Agency:	Local Agency		
Local Agency :	1000		
Case Type:	Other ground water affected		
Status:	Not reported		
County:	1		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported		
Release Date:	Not reported		
Cleanup Fund Id :	Not reported		
Discover Date :	7/1/92		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	2/21/93		
Funding:	Federal Funds		
Staff Initials:	UNK		

GRAND AUTO (Continued) **1000308684**

How Discovered: Tank Closure
How Stopped: Close Tank
Interim : No
Leak Cause: Structure Failure
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CTH
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: Local Oversight Program UST
Oversight Prgm : LOP
Review Date : 9/8/94
Stop Date : 7/1/92
Work Suspended :N
Responsible PartyBLANK RP
RP Address: Not reported
Global Id: T0600100337
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: Not reported
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 9304.509439
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported

CORTESE:
Reg Id: 01-0367
Region: CORTESE
Reg By: Leaking Underground Storage Tanks

FID:
Facility ID: 01002153 Regulate ID: 00024222
Reg By: Inactive Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Inactive Facility Tel: (415) 532-1240
Mail To: Not reported
4240 E 014TH ST
OAKLAND, CA 94601
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

UST HIST:
Facility ID: 24222
Tank Num: 1 Container Num: 1
Tank Capacity: 10000 Year Installed: Not reported
Tank Used for: PRODUCT

GRAND AUTO (Continued) **1000308684**

Type of Fuel: PREMIUM
Leak Detection: None
Contact Name: Not reported
Total Tanks: 3
Facility Type: 1

Tank Construction: Not reported

Telephone: (415) 532-1240
Region: STATE
Other Type: Not reported

Facility ID: 24222
Tank Num: 2
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Leak Detection: None
Contact Name: Not reported
Total Tanks: 3
Facility Type: 1

Container Num: 2
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (415) 532-1240
Region: STATE
Other Type: Not reported

Facility ID: 24222
Tank Num: 3
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Leak Detection: None
Contact Name: Not reported
Total Tanks: 3
Facility Type: 1

Container Num: 3
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (415) 532-1240
Region: STATE
Other Type: Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN LEANDRO	S104735468	PG&E PROPERTY	ADJ TO SE BORDER OF 2200 BANCROFT AVEN	94577	Cal-Sites
SAN LEANDRO	S103678131	CALTRANS FRWY SHOULDER SOIL	ALA 880 HWY FROM LEWELLING		HAZNET
SAN LEANDRO	S103651020	OHM SAN LEANDRO CA	3018 B ALVARADO	94577	HAZNET
SAN LEANDRO	1003878920	PG&E GAS PLANT SAN LEANDRO	ALVARDO & ST JOHNS STS	94578	CERC-NFRAP
SAN LEANDRO	1003878569	MARINA DSPL SITE	FOOT OF MARINA BLVD-NEPTUNE BL	94577	CERC-NFRAP
SAN LEANDRO	1003878682	TROJAN POWDER WORKS	2205 LEWELLING BLVD	94579	CERC-NFRAP
SAN LEANDRO	1003878679	MAJOR SALVAGE CO	1770 NEPTUNE DR	94577	CERC-NFRAP
SAN LEANDRO	1003878677	TONY LEMA GOLF COURSE LDFL	5000' S OF MARINA BLVD	94577	CERC-NFRAP
SAN LEANDRO	S102425189	BERGEN TIRES INC	700 PERALTA AVENUE	94577	HAZNET, LUST, Cortese
SAN LEANDRO	S101272669	SAN LEANDRO REGIONAL PLUME	SAN LEANDRO (GROUNDWATER CONTAMINAT	94578	Cal-Sites, AWP

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D011	SILVER

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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: 07/18/02
Date Made Active at EDR: 09/20/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02
Elapsed ASTM days: 50
Date of Last EDR Contact: 11/04/02

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 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 05/29/02
Date Made Active at EDR: 09/20/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/01/02
Elapsed ASTM days: 50
Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 09/23/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/23/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/02/02
Date Made Active at EDR: 07/15/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/06/02
Elapsed ASTM days: 70
Date of Last EDR Contact: 09/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 09/24/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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: 07/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 06/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 07/12/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/26/02
Date of Next Scheduled EDR Contact: 11/25/02

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
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: 06/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
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: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/09/02
Date of Next Scheduled EDR Contact: 12/09/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
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: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
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: 04/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/24/02
Date of Next Scheduled EDR Contact: 12/23/02

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 10/04/02
Date Made Active at EDR: 10/23/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/07/02
Elapsed ASTM days: 16
Date of Last EDR Contact: 10/07/02

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
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.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/22/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00
Elapsed ASTM days: 23
Date of Last EDR Contact: 10/08/02

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 11/25/02

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
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: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 10/28/02

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 10/21/02

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 11/04/02

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
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: 09/13/02
Date Made Active at EDR: 10/08/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/16/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 09/16/02

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/11/02

LUST: Leaking Underground Storage Tank Information System
Source: State Water Resources Control Board
Telephone: 916-341-5740
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/11/02
Date Made Active at EDR: 09/03/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/18/02
Elapsed ASTM days: 47
Date of Last EDR Contact: 10/11/02

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
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: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA UST:

UST: Active UST Facilities
Source: SWRCB
Telephone: 916-341-5700
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/12/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 10/16/02

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
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: 10/10/02
Date Made Active at EDR: 10/23/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/14/02
Elapsed ASTM days: 9
Date of Last EDR Contact: 10/14/02

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-445-6532
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: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5700
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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 05/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-225-0873
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: 03/18/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/23/02
Date of Next Scheduled EDR Contact: 12/23/02

DEED: List of Deed Restrictions
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 10/04/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136
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.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 11/12/02
Date of Next Scheduled EDR Contact: 02/10/03

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 07/12/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02
Date of Next Scheduled EDR Contact: 01/27/03

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02
Date of Next Scheduled EDR Contact: 01/27/03

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/05/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/03/02
Date of Next Scheduled EDR Contact: 12/02/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
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: 07/31/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/02
Date of Next Scheduled EDR Contact: 02/10/03

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/02/02

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 01/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 11/21/02
Date of Next Scheduled EDR Contact: 02/17/03

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 08/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 05/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 08/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/02
Database Release Frequency: Varies

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 08/29/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/06/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/30/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 09/30/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/27/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/18/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/23/02
Date of Next Scheduled EDR Contact: 12/23/02

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/26/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 06/11/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 06/11/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
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: 06/27/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/10/02

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
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: 03/31/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/09/02
Date of Next Scheduled EDR Contact: 01/06/03

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 09/16/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 10/28/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/28/02
Date of Next Scheduled EDR Contact: 01/27/03

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 01/14/02
Date of Next Scheduled EDR Contact: 01/13/03

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 07/23/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 01/03/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 12/09/02

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/17/02
Date of Next Scheduled EDR Contact: 12/16/02

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 06/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/17/02
Date of Next Scheduled EDR Contact: 12/16/02

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 11/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/28/02
Date of Next Scheduled EDR Contact: 01/27/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 07/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/06/03

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 09/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/04/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/22/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02
Date of Next Scheduled EDR Contact: 01/13/03

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
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: 09/13/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/02
Date of Next Scheduled EDR Contact: 12/16/02

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 05/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 07/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/14/02
Date of Next Scheduled EDR Contact: 01/13/03

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 08/19/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 08/09/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/30/02
Date of Next Scheduled EDR Contact: 12/30/02

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 10/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/02/02
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 10/25/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 07/19/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/09/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/01/02
Database Release Frequency: Annually

Date of Last EDR Contact: 09/03/02
Date of Next Scheduled EDR Contact: 12/02/02

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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LEGEND

- IRON PIN FOUND
- MONITORING WELL
- LIGHT POLE
- 2'X2' CONC. PAD
- CATCH BASIN
- WATER VALVE
- GAS METER
- GAS VALVE
- POWER POLE
- FENCE
- GUARDRAIL

UNDERGROUND UTILITIES

CTV	CABLE TELEVISION
PG&E	PACIFIC GAS & ELECTRIC
SL	STREET LIGHT
TSCB	TRAFFIC SIGNAL CONTROL BOX
TS	TRAFFIC SIGNAL
YL	YARD LIGHT
PIV	POST-INDICATOR VALVE
FDC	FIRE DEPARTMENT CONNECTION
DCV	DETECTOR CHECK VALVE
PT & T	PACIFIC TELEPHONE & TELEGRAPH

MISCELLANEOUS ABBREVIATIONS

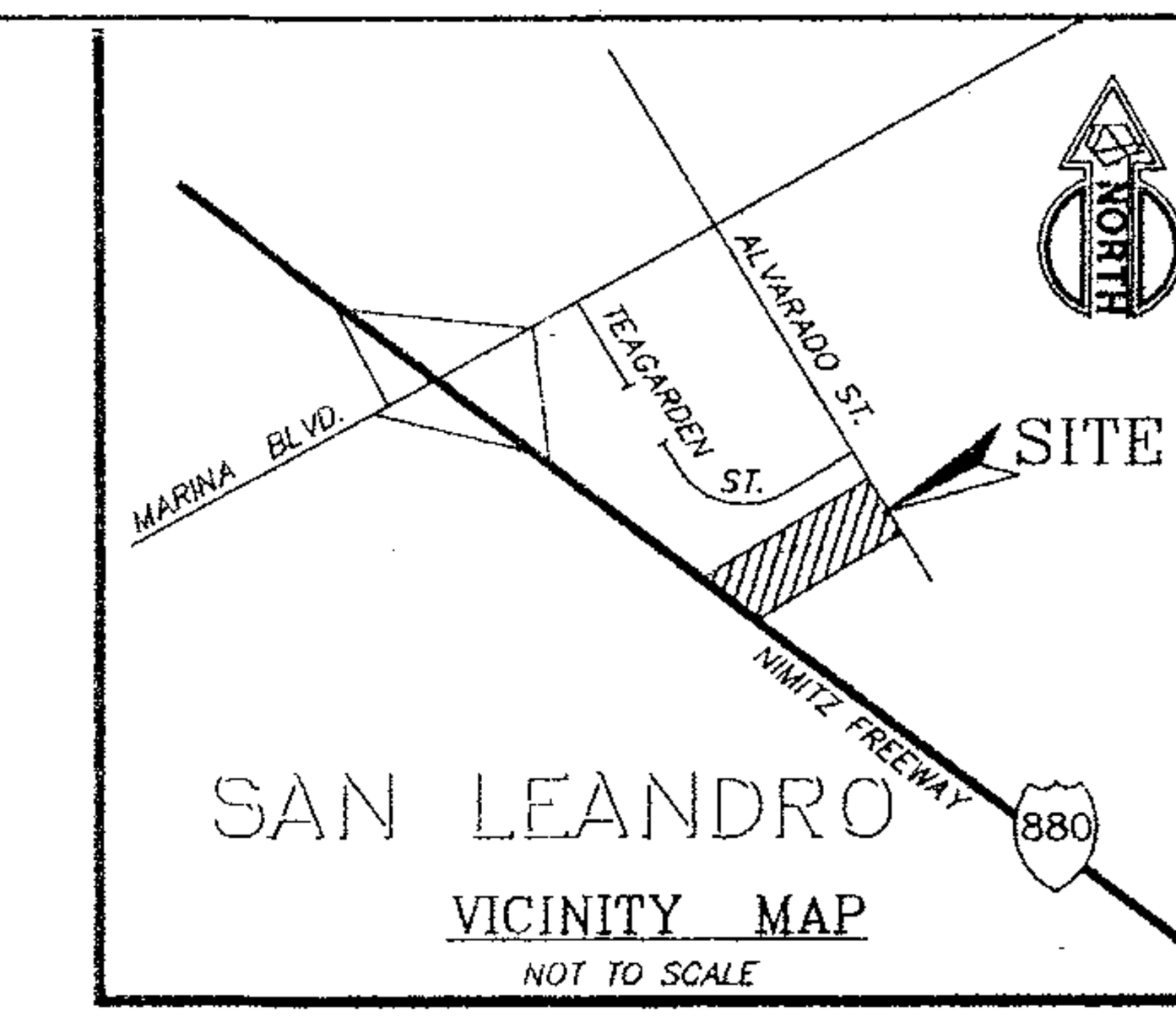
AC	ASPHALT CONCRETE
CB	CATCH BASIN
DWY	DRIVEWAY
EM	ELECTRIC METER
FC	FACE OF CURB
FH	FIRE HYDRANT
GM	GAS METER
GP	GUARD POST
GV	GAS VALVE
JP	JOINT POLE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
SDMH	STORM DRAIN MANHOLE
SSCO	SANITARY SEWER CLEAN-OUT
SSMH	SANITARY SEWER MANHOLE
TP	TELEPHONE POLE
WM	WATER METER
WV	WATER VALVE
OHE	OVERHEAD ELECTRIC
OHE&T	OVERHEAD ELECTRIC & TELEPHONE

ZONING INFORMATION
THE ZONING WAS PROVIDED BY ELIZABETH GREENE (PROJECT PLANNER)
CITY OF SAN LEANDRO
835 EAST 14 TH STREET
SAN LEANDRO CA. 94577
510-577-3373
FAX 510-577-6007

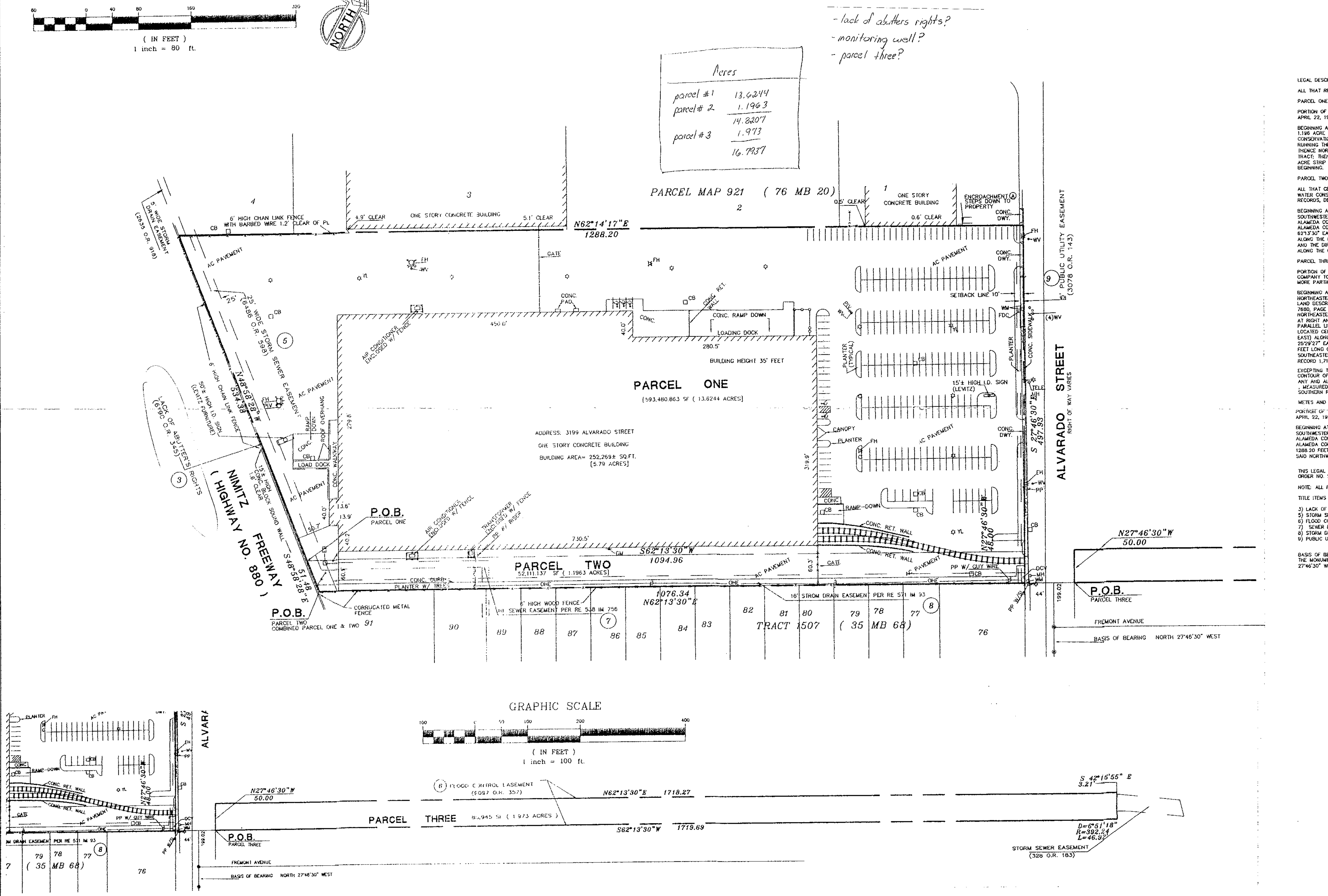
THE PROPERTY IS ZONED " IG " (INDUSTRIAL GENERAL)
SETBACKS FRONT 10'
SIDE 0'
REAR 0'
HEIGHT 35'
BULK 75 %
PARKING PER ZONING 1 PER 1000 SF - actual 276 including 5 handicap
PER WHOLESALE USE 1 PER 1500 SF
EXISTING PARKING
REGULAR STALLS 276
HANDICAP STALLS 2
TOTAL 278

STATEMENT OF ENCROACHMENTS

(A) STEPS INDICATE ACCESS RIGHTS



GRAPHIC SCALE
(IN FEET)
1 inch = 80 ft.



FLOOD NOTE: By graphic plotting only, this property is in Zone "C" of the Flood Insurance Rate Map, Community Panel No. 0600013 0001B, which bears an effective date of 3-18-80 and is not in a Special Flood Hazard Area. By telephone call dated 3-08-99 to the National Flood Insurance Program (800-638-6620) we have learned this community does currently participate in the program. No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or apply for a variance from the Federal Emergency Management Agency.

SLOOTEN CONSULTING INC.
SURVEYING & ENGINEERING
4740 NORTHGATE BLVD., SUITE 125
SACRAMENTO, CA 95834
PROJECT 6457-02
(916)641-7570
(FAX)641-7572

LEGAL DESCRIPTION

ALL THAT REAL PROPERTY IN THE CITY OF SAN LEANDRO, COUNTY OF ALAMEDA, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

PARCEL ONE:

PORTION OF THE 113.56 ACRE TRACT OF LAND DESCRIBED A PARCEL FIVE IN THE DEED BY MARY STENZEL, ET AL., TO F. STENZEL FARMS, INC., DATED APRIL 22, 1926, RECORDED MAY 13, 1926 IN BOOK 1250 OF OFFICIAL RECORDS OF ALAMEDA COUNTY, PAGE 461, W/42107, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERN LINE OF THE NIMITZ FORMERLY EASTSHORE, FREEWAY, WITH THE NORTHWESTERN LINE OF THE 1.196 ACRE STRIP OF LAND CONVEYED IN THE DEED FROM VALBROOK, INC., A CORPORATION, TO ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, DATED DECEMBER 31, 1959, RECORDED MARCH 7, 1960, ON REEL 40, IMAGE 480, AR/26201, ALAMEDA COUNTY RECORDS; RUNNING THENCE ALONG SAID LINE OF THE NIMITZ FREEWAY, NORTH 48°58'28" WEST 534.38 FEET (RECORD NORTH 49°00'25" WEST 533.94 FEET) ; , THENCE NORTH 62°14'17" EAST 1288.20 FEET (RECORD NORTH 62°13'30" EAST 1289.81 FEET) TO THE NORTHEASTERN LINE OF SAID 113.56 ACRE TRACT; THENCE ALONG THE LAST NAMED LINE SOUTH 27°46'30" EAST 497.93 FEET (RECORD 501.50 FEET) TO SAID NORTHWESTERN LINE OF THE 1.196 ACRE STRIP OF LAND; THENCE ALONG THE LAST NAMED LINE SOUTH 62°13'30" WEST 1094.96 FEET (RECORD 1094.98 FEET) TO THE POINT OF BEGINNING.

PARCEL TWO:

ALL THAT CERTAIN PARCEL OF LAND CONVEYED IN THE DEED FROM VALBROOK, INC. A CORPORATION, TO ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, DATED DECEMBER 31, 1959, RECORDED MARCH 7, 1960, ON REEL 40, IMAGE 480, AR/26201, ALAMEDA COUNTY RECORDS, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERN LINE OF THE NIMITZ, FORMERLY EASTSHORE, FREEWAY, WITH THE DIRECT EXTENSION SOUTHWESTERLY OF THE NORTHWESTERN BOUNDARY LINE OF THE TRACT OF LAND SHOWN ON THE MAP OF "TRACT 1507, CITY OF SAN LEANDRO, ALAMEDA COUNTY, CALIFORNIA, FILED MARCH 16, 1955, IN BOOK 35 OF MAPS, PAGES 68 AND 69, IN THE OFFICE OF THE COUNTY RECORDER OF ALAMEDA COUNTY; RUNNING THENCE ALONG SAID EXTENDED LINE AND ALONG THE NORTHWESTERN BOUNDARY LINE OF SAID TRACT 1507, NORTH 62°13'30" EAST 1076.34 FEET (RECORD 1076.33 FEET) TO THE SOUTHWESTERN LINE OF ALVARADO STREET, AS SAID STREET NOW EXISTS; THENCE ALONG THE LAST NAMED LINE, NORTH 27°46'30" WEST 48 FEET; THENCE PARALLEL WITH THE NORTHWESTERN BOUNDARY LINE OF SAID TRACT 1507 AND THE DIRECT EXTENSION THEREOF, SOUTH 62°13'30" WEST 1094.96 FEET (RECORD 1094.98 FEET)TO SAID LINE OF NIMITZ FREEWAY ; AND THENCE ALONG THE LAST NAMED LINE , SOUTH 48°58'28" EAST 51.48 FEET (RECORD SOUTH 49°00'25" EAST 51.50 FEET) TO THE POINT OF BEGINNING.

PARCEL THREE:

PORTION OF THE PARCEL OF LAND DESCRIBED AS PARCEL 2 IN DEED DATED NOVEMBER 15, 1951, FROM ALAMEDA COUNTY-EASTBAY TITLE INSURANCE COMPANY TO SOUTHERN PACIFIC COMPANY RECORDED NOVEMBER 20, 1951, IN BOOK 6592, PAGE 3, OFFICIAL RECORDS OF ALAMEDA COUNTY, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE SOUTHEASTERLY LINE OF SAID PARCEL OF LAND DESCRIBED AS PARCEL 2 IN SAID DEED WITH THE NORTHEASTERLY LINE OF ALVARADO STREET, 76 FEET WIDE(LAST SAID LINE BEING ALSO THE NORTHWESTERLY LINE OF THE 3.479 ACRE PARCEL OF LAND DESCRIBED IN DEED DATED APRIL 22, 1955 FROM SOUTHERN PACIFIC COMPANY TO CITY OF SAN LEANDRO RECORDED JUNE 6, 1955, IN BOOK 7680, PAGE 573, OFFICIAL RECORDS OF SAID COUNTY); THENCE NORTH 27°46'30" WEST (RECORD NORTH 28°44'23" WEST) ALONG SAID NORTHEASTERLY LINE OF ALVARADO STREET, A DISTANCE OF 50 FEET TO A LINE PARALLEL WITH AND DISTANT 50.00 FEET NORTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM SAID SOUTHEASTERLY LINE OF SAID PARCEL 2; THENCE NORTH 62°13'30" EAST (RECORD NORTH 61°51'25" EAST) ALONG SAID PARALLEL LINE 1718.27 FEET TO A LINE PARALLEL WITH AND DISTANT 60.00 FEET SOUTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM THE ORIGINAL LOCATED CENTER LINE OF MAIN TRACT OF THE SOUTHERN PACIFIC TRANSPORTATION COMPANY, THENCE SOUTH 42°15'55"EAST (RECORD SOUTH 42°39' EAST) ALONG LAST SAID PARALLEL LINE, 3.21 FEET; THENCE SOUTHEASTERLY, FROM A TANGENT WHICH BEARS SOUTH 25°08'22" EAST (RECORD SOUTH 25°29'27" EAST) , ON A CURVE TO THE LEFT WITH A RADIUS OF 392.24 FEET THROUGH A CENTRAL ANGLE OF 6°51'18", AN ARC DISTANCE OF 46.92' FEET LONG CHORD OF SAID CURVE BEARS SOUTH 28°32'00" EAST (RECORD SOUTH 28°55'06" EAST) , 46.90 FEET TO A POINT IN SAID SOUTHEASTERLY LINE OF SAID PARCEL 2; THENCESOUTH 62°13'30" WEST (RECORD SOUTH 61°51'25" WEST) ALONG LAST SAID LINE 1719.69 FEET (RECORD 1,719.19 FEET) TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION OF SAID PROPERTY LYING BELOW A DEPTH OF FIVE HUNDRED(500) FEET MEASURED VERTICALLY FROM THE CONTOUR OF THE SURFACE THEREOF; PROVIDED, HOWEVER, THAT SAID GRANTOR, ITS SUCCESSORS AND ASSIGNS, SHALL NOT HAVE THE RIGHT FOR ANY AND ALL PURPOSES TO ENTER UPON, INTO OR THROUGH THE SURFACE OF THE PORTION OF SAID PROPERTY LYING ABOVE 500 FEET , MEASURED VERTICALLY FROM THE CONTOUR OF THE SURFACE OF SAID PROPERTY, AS RESERVED IN THE DEED FROM SOUTHERN PACIFIC TRANSPORTATION COMPANY, IN THE DEED RECORDED JULY 19, 1971, AS INSTRUMENT NO. 90227.

METES AND BOUNDS DESCRIPTION OF PARCEL ONE AND TWO COMBINED

PORTION OF THE 113.56 ACRE TRACT OF LAND DESCRIBED A PARCEL FIVE IN THE DEED BY MARY STENZEL, ET AL., TO F. STENZEL FARMS, INC., DATED APRIL 22, 1926, RECORDED MAY 13, 1926 IN BOOK 1250 OF OFFICIAL RECORDS OF ALAMEDA COUNTY, PAGE 461, W/42107, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERN LINE OF THE NIMITZ, FORMERLY EASTSHORE, FREEWAY, WITH THE DIRECT EXTENSION SOUTHWESTERLY OF THE NORTHWESTERN BOUNDARY LINE OF THE TRACT OF LAND SHOWN ON THE MAP OF "TRACT 1507, CITY OF SAN LEANDRO, ALAMEDA COUNTY, CALIFORNIA, FILED MARCH 16, 1955, IN BOOK 35 OF MAPS, PAGES 68 AND 69, IN THE OFFICE OF THE COUNTY RECORDER OF ALAMEDA COUNTY; RUNNING THENCE ALONG SAID LINE OF THE NIMITZ FREEWAY, NORTH 48°58'28" WEST 585.86 FEET ; THENCE NORTH 62°14'17" EAST 1288.20 FEET TO THE NORTHEASTERN LINE OF SAID 113.56 ACRE TRACT; THENCE ALONG THE LAST NAMED LINE SOUTH 27°46'30" EAST 545.93 FEET TO SAID NORTHWESTERN LINE OF TRACT; THENCE ALONG THE LAST NAMED LINE SOUTH 62°13'30" WEST 1076.34 FEET TO THE POINT OF BEGINNING.

THIS LEGAL DESCRIPTION DESCRIBES THE SAME PROPERTY AS DESCRIBED IN THE TITLE COMMITMENT BY FIRST AMERICAN TITLE INSURANCE COMPANY ORDER NO. SP 851637 , DATED SEPTEMBER 29, 1999

NOTE: ALL FIELD MEASUREMENTS ARE WITHIN THE PRECISION REQUIREMENTS OF ALTA/ACSM LAND TITLE SURVEY SPECIFICATIONS

TITLE ITEMS PER THE TITLE COMMITMENT BY FIRST AMERICAN TITLE INSURANCE COMPANY ORDER NO SP 851637 , DATED SEPTEMBER 29, 1999

3) LACK OF ABUTTERS RIGHTS PER 6190 OR 345 (PLOTTED)
5) STORM SEWER EASEMENT PER 6486 OR 598 (PLOTTED)
6) FLOOD CONTROL EASEMENT PER 9097 OR 357 (PLOTTED)
7) SEWER EASEMENT PER REEL 538 IM 756 (PLOTTED)
8) STORM DRAIN EASEMENT PER REEL 571 IM 93 (PLOTTED)
9) PUBLIC UTILITY EASEMENT PER REEL 3078 IM 141 AND 3078 IM 143 (PLOTTED)

BASIS OF BEARING
THE MONUMENTED CENTER LINE OF ALVARADO STREET AS SHOWN ON THE MAP OF TRACT 1507 FILED IN BOOK 35 AT PAGE 68 TAKEN AS NORTH 27°46'30" WEST

DIRK C. SLOOTEN, A REGISTERED LAND SURVEYOR, LICENSE NO. 5342, IN AND FOR THE STATE OF CALIFORNIA AND LEGALLY DOING BUSINESS IN SACRAMENTO, DOES HEREBY CERTIFY TO:
HENRY CROWN AND COMPANY , A DELAWARE CORPORATION , SIMON PROPERTY GROUP , L.P. A DELAWARE LIMITED PARTNERSHIP AND INTERSTATE TITLE SERVICES, AND THE SUCCESSORS AND ASSIGNS OF THE FOREGOING ENTITIES

(1) THE ACCOMPANYING SURVEY ("SURVEY") REPRESENTS A TRUE AND CORRECT SURVEY MADE BY ME ON 3-11 ,1999 OF THE LAND THEREIN PARTICULARLY DESCRIBED;
(2) THE SURVEY AND THE INFORMATION, COURSES AND DISTANCES SHOWN THEREON ARE CORRECT;
(3) THE TITLE LINES AND LINES OF ACTUAL POSSESION ARE THE SAME;
(4) THE LAND DESCRIBED IN THE SURVEY IS THE SAME AND AS DESCRIBED IN THE TITLE INSURANCE COMMITMENT DESCRIBED BELOW;
(5) THE AREA OF THE SUBJECT PROPERTY AND THE SIZE, LOCATION AND TYPE OF BUILDINGS AND IMPROVEMENTS AND ANY OTHER MATTERS SITUATED ON THE SUBJECT PROPERTY ARE AS SHOWN AND ALL BUILDINGS AND IMPROVEMENTS ARE WITHIN THE BOUNDARY LINES AND APPLICABLE SET-BACK LINES OF THE PROPERTY;
(6) THERE ARE NO EASEMENTS OR USES AFFECTING THIS PROPERTY APPEARING FROM A CAREFUL PHYSICAL INSPECTION OF THE SAME, OTHER THAN THOSE SHOWN AND DEPICTED ON THE SURVEY;
(7) THERE ARE NO ENCROACHMENTS ON THE ADJOINING PROPERTIES, STREETS, OR ALLEYS BY ANY OF SAID BUILDINGS, STRUCTURES AND IMPROVEMENTS, OTHER THAT AS SHOWN ON THE SURVEY;
(8) THERE ARE NO PARTY WALLS OR VISIBLE ENCROACHMENTS ON SAID DESCRIBED PROPERTY BY STREETS, ALLEYS OR BUILDINGS, STRUCTURES OR OTHER IMPROVEMENTS SITUATED ON ADJOINING PROPERTY, EXCEPT AS SHOWN ON THE SURVEY;
(9) ALL UTILITY SERVICES REQUIRED FOR THE OPERATION OF THE PREMISES EITHER ENTER THE PREMISES THROUGH ADJOINING PUBLIC STREETS, OR THE SURVEY SHOWS THE POINT OF ENTRY AND LOCATION OF ANY UTILITIES THAT PASS THROUGH OR ARE LOCATED ON ADJOINING LAND;
(10) THE SURVEY SHOWS THE LOCATION AND DIRECTION OF ALL STORM DRAINAGE SYSTEMS FOR THE COLLECTION AND DISPOSAL OF ALL ROOF AND SURFACE DRAINAGE;
(11) ANY DISCHARGE INTO STREAMS, RIVERS OR OTHER CONVEYANCE SYSTEM IS SHOWN ON THE SURVEY;
(12) THE PARCELS DESCRIBED IN THIS SURVEY DOES NOT LIE WITHIN FLOOD HAZARD AREAS IN ACCORDANCE WITH ANY MAPS ENTITLED: "FLOOD INSURANCE RATE MAP", "FLOOD HAZARD FLOODWAY BOUNDARY MAP", "FLOOD HAZARD BOUNDARY MAP" OR "FLOOD BOUNDARY AND FLOODWAY MAP" PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY OR A FLOOD HAZARD BOUNDARY MAP PUBLISHED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT. THE SURVEY CORRECTLY INDICATES THE ZONE DESIGNATION OF ANY AREA SHOWN AS BEING WITHIN A FLOOD HAZARD AREA;
(13) THE SUBJECT PROPERTY HAS ACCESS TO AND FROM ALVARADO STREET A DULY DEDICATED AND ACCEPTED PUBLIC STREET OR HIGHWAY.
(14) [EXCEPT AS SHOWN ON THE SURVEY,] THE SUBJECT PROPERTY DOES NOT SERVE ANY ADJOINING PROPERTY FOR DRAINAGE, UTILITIES, OR INGRESS OR EGRESS; AND
(15)THE RECORD DESCRIPTION OF THE SUBJECT PROPERTY FORMS A MATHEMATICALLY CLOSED FIGURE.

THE UNDERSIGNED HAS RECEIVED AND EXAMINED A COPY OF FIRST AMERICAN TITLE INSURANCE COMPANY'S COMMITMENT NO. SP 851637 ,DATED 9-29-1999; AND THE LOCATION OF ANY MATTER SHOWN THEREON, TO THE EXTENT IT CAN BE LOCATED, HAS BEEN SHOWN ON THIS SURVEY WITH THE APPROPRIATE RECORDING REFERENCE.

THE PARTIES LISTED ABOVE ARE ENTITLED TO RELY IN THE SURVEY AND THIS CERTIFICATE AS BEING TRUE AND ACCURATE.

THIS SURVEY IN MADE IN ACCORDANCE WITH THE 1992 "MINIMUM STANDARD DETAIL REQUIREMENTS FOR LAND TITLE SURVEYS" JOINTLY ESTABLISHED AND ADOPTED BY AMERICAN LAND TITLE ASSOCIATION ("ALTA") AND AMERICAN CONGRESS ON SURVEYING AND MAPPING (ASCM") AND MEETS THE REQUIREMENTS OF AN URBAN SURVEY, AS DEFINED IN THE CURRENT ACCURACY STANDARDS JOINTLY ADOPTED BY ALTA AND ACSM AND INCLUDES ITEMS 2, 3, 4, 6, 7(A), 7(B)(1), 8, 9, 10, 11 AND 13 OF TABLE A THEREOF.

DIRK C SLOOTEN
REGISTRATION NO. 5342
WITHIN THE STATE OF CA
DATE OF SURVEY: 11-28-2002
DATE OF LAST REVISION:
DATE PRINTED:

LICENSED LAND SURVEYOR DIRK CORNELIS SLOOTEN No. LS 5342 Exp. Dec. 31, 2003 STATE OF CALIFORNIA

DATE: 11-2002				
SCALE:				
DESIGNED:				
DRAWN: PT				
CHECKED: DCS				
PROJ.ENGR.:				
FILE: 6457-02	No.	BY	DATE	REVISION

SLOOTEN CONSULTING INC.
SURVEYING & ENGINEERING
4740 NORTHGATE BL., SUITE 125
SACRAMENTO, CA 95834
(916)641-7570
(FAX)641-7572

ALTA/ACSM LAND TITLE SURVEY

3199 ALVARADO STREET
SAN LEANDRO ALAMEDA CALIFORNIA

SHEET 1 OF 1 SHEETS
JOB No. 6457-02

THIS IS AN ORIGINAL UNPUBLISHED WORK AND MAY NOT BE DUPLICATED, PUBLISHED OR DISCLOSED USED WITHOUT WRITTEN CONSENT OF SLOOTEN CONSULTING, INC.

APPENDIX E

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

JODI VANNEMAN

Managing Consultant

Jodi Vanneman has over 30 years of environmental consulting experience, primarily in the due diligence and environmental compliance arena. With thousands of due diligence and third-party desktop reviews completed, Jodi has worked on both single and large-portfolio projects throughout the United States. Familiar with agency funding and regulatory framework, Jodi has assisted industrial clients achieve their compliance objectives and investors make informed acquisition decisions.



CONTACT INFORMATION

Jodi Vanneman

jvanneman@ramboll.com
+1 (510) 420-2515

Ramboll
1111 Broadway, Suite 1400
Oakland, CA 94607-4026
United States of America

EDUCATION

1985-1988
BA, Biology
Hastings College, Hastings, NE, United States

EXPERIENCE HIGHLIGHTS

Completed assessment of properties with existing contamination subject to regulatory Cleanup Orders. Prevented prospective buyers from acquiring contaminated property due to exposure of deficient and grossly misleading prior reports and/or findings assisted with property value negotiations.

Managed the assessment and completion of Preliminary Endangerment Assessment (PEA) and remedial action at a former plating facility transferred through inheritance. Completed a risk assessment/PEA for the DTSC to achieve case closure.

Conducted environmental assessment of 1000s of residential and commercial structures to assist military privatization objectives defined for the Housing Requirements and Marketing Analyses of military installations.

Provided desktop review and recommendations for a 100+ year old lumbermill and pulp plant with history of tanks, treatment ponds, and open water discharges subject to lawsuits and public exposure.

Conducted assessment and compliance audits of vineyards and wineries addressing agriculturally-related maintenance, water management, natural resource management, pesticide applications, and wastewater treatment.

Conducted environmental, health & safety compliance audits that included employee interviews, record audits and agency interviews to identify deficiencies. Selected management tools to improve compliance.

Completed various Phase I and II site assessments to document environmental disposition of regional malls commonly addressing dry-cleaning, gas stations and automotive repair activities. Developed and prioritized remedial action.

Lead environmental auditor on EH&S compliance audits interviewing employees, auditing records and inspecting facilities to identify deficiencies and prioritize negative findings. Recommended corrective actions and best management practices.

Conducted third-party/desktop reviews and conducted site assessments for large, multi-site portfolios providing environmental and business risk summaries to develop strategies for managing properties with environmental concerns.

RAMBOLL

ENVIRONMENT & HEALTH

STACY A. STONEQUIST

Principal

Stacy Stonequist has 20 years of experience in the environmental field with an additional two years of experience working in the manufacturing industry following a graduate assistantship. She has particular expertise in Phase I environmental site assessments (ESAs), due diligence evaluations and regulatory compliance reviews. Stacy has completed and/or managed environmental assessments and due diligence reviews for hundreds of industrial, commercial and residential facilities in North America, South America, Europe and Asia on behalf of buyers, sellers and lenders, to evaluate known and potential environmental liabilities. She also manages transactional subsurface investigations and hazardous materials surveys. Stacy is a certified professional environmental auditor and a licensed asbestos building inspector in Illinois and Indiana.



EDUCATION

1995 MS, Environmental Studies/Science
Southern Illinois University at Edwardsville

1994 BA, Biological Sciences
Southern Illinois University at Carbondale

COURSES/CERTIFICATIONS

Certified Professional Environmental Auditor (CPEA) – Environmental Compliance (#668), Board of Environmental, Health and Safety Auditor Certifications (BEAC)
Accredited Asbestos Hazard Emergency Response Act (AHERA) Asbestos Building Inspector, USEPA, 1997–present
Licensed Asbestos Building Inspector (IL 100-8400), Illinois Department of Public Health (IDPH), 1997–present
Licensed Asbestos Building Inspector (IN 191312094), Indiana Department of Environmental Management (IDEM), 2004–present
Licensed Lead Inspector (IL L-5713), IDPH, 1997–2013
40-Hour Health and Safety Training with annual refreshers, 1997–present

PROJECTS

Due Diligence

- Portfolio Phase I ESAs for Gas Station/Truck Stop Owner's Legal Counsel - Managed Phase I ESAs to assess environmental liabilities at over 50 gas station/truck stop properties prior to the company's post-bankruptcy auction. The Phase I ESAs were

CONTACT INFORMATION

Stacy A. Stonequist

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Ramboll
333 West Wacker Drive
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Chicago, IL 60606
United States of America

completed in a six-week period. Project management included assisting the owner and their legal counsel in the development of cost estimates to address environmental liabilities.

- Transactional Environmental Services for National Office Building Owner and Manager and Real Estate Investment Trust - Managed environmental services for the company's transactions prior to their acquisition. Services provided included Phase I ESAs and Phase II investigations, Property Condition Assessments, additional structural assessments, indoor air quality assessments, sampling for mold, asbestos, etc.
- Evaluation of Environmental Information of Multiple Sites in the US and Mexico - Assessed and organized remedial and compliance issues identified in previous environmental documents and environmental database reports of 26 manufacturing and distribution facilities and resulted in the preparation of cost estimates of environmental liability.
- Phase I ESAs with Sampling in Various Locations throughout the US - Performed numerous Phase I ESAs with limited asbestos, lead paint, lead-in-drinking water and radon sampling on multi-family residential complexes, office buildings and hotels for transactions. The sampling activities were utilized to assess environmental business risk at these facilities. Sites range from areas in Indiana, Kentucky and Wisconsin to be developed with future electric generation facilities and involved the assessment of wetland areas and surface soil characteristics via sampling and analysis to a 750,000-square foot former printing, lithography and publishing company in Racine, Wisconsin, which resulted in the identification of several "unknown" underground storage tanks (USTs) and subsurface arsenic contamination.

Compliance Auditing

- Environmental Management Systems (EMS) and Compliance Auditing - Performed over a dozen on-site EMS and compliance audits for an agricultural products manufacturer and distributer with facilities in North America (US and Canada). Facility types assessed included nitrogen, phosphate and potash production facilities, mines, distribution terminals, fertilizer processing (granulation) facilities and retail sites.
- Multi-media Compliance Auditing - Managed and audited multi-media topics, including solid and hazardous waste management, air emissions/permitting, wastewater and storm water discharges, spill prevention and control, emergency planning and community right-to-know reporting, water supplies, toxic substances control, aboveground storage tank (AST) and UST management and miscellaneous areas for numerous projects. Facilities audited include manufacturers of soaps and detergents, paint and plastics (injection molding), tools/parts, packaging, etc. located in Illinois, Indiana, Iowa, Missouri and Wisconsin, as well as a wind farm in Iowa and a national park in California.
- Pipeline Safety Compliance Assessments - Assisted the US Production Organization (USPO) of Marathon Oil in attaining compliance with federal pipeline safety regulation that refined the definitions of natural gas production, gathering and transmission lines. The project entailed working with USPO in interpreting the regulation, developing criteria for assessing current and future lines in view of the regulatory interpretation, developing the overall process for field evaluation of current lines and leading field teams in the evaluation.
- Program and Compliance Audits of Multiple Sites in the US - Audited multi-media topics at food product manufacturing facilities against corporate environmental program and regulatory compliance protocols. Participated in this project for three years. Included sites in Arizona, Arkansas, Colorado, Connecticut, Hawaii, Illinois, Missouri, Oregon, Tennessee, Utah and Wisconsin.

Compliance

- Water Quality Monitoring Program of Multiple Sites in the US, Canada and Mexico - Managed water quality monitoring at food product manufacturing facilities with water wells in the US and facilities on municipal water supplies in Canada and Mexico, with quarterly sampling and analysis, data validation and preparing technical reports. Managed this project for 12 years.

Hazardous Materials Surveys

- Pre-Demolition/Renovation Hazardous Materials Surveys - Managed hundreds of pre-demolition/renovation hazardous materials surveys for various types of properties/clients, including industrial buildings, a commercial tower being converted to residential units and other commercial properties, including strip malls, stand-alone businesses and multi-family residential buildings. The surveys included the collection and analysis of samples of suspect asbestos-containing material (ACM) and lead-containing paint, as well as cataloguing other hazardous materials, including polychlorinated biphenyl-containing equipment, mercury-containing items, refrigerant-containing mechanical equipment and other chemicals/oils/etc. Follow-on activities included coordination and oversight of abatement activities and completion of operations and maintenance program plans.

MEMBERSHIPS

Member, BEAC, 2008-present
National Member, Auditing Roundtable, 2008–present
Midwest Regional Co-Chair, Auditing Roundtable, Fall 2010–present
Member, CREW Chicago, Spring 2014–present

Appendix E-2

Soil Vapor Sampling Results Letter Report

RAMBOLL

ENVIRONMENT
& HEALTH

Sent via Electronic Mail

Confidential

Mr. Steve Geist
Environmental, Health & Safety Manager
CC Industries, Inc. – A Henry Crown Company
222 North LaSalle Street Suite 1000
Chicago, IL 60601

SOIL VAPOR SAMPLING RESULTS
3199 ALVARADO STREET IN SAN LEANDRO, CALIFORNIA

Dear Steve:

May 28, 2025

Ramboll
333 West Wacker Drive
Suite 1050
Chicago, IL 60606

T +1 312 288 3800
www.ramboll.com

Ref. P3861C-24265b / 194011690

Ramboll Americas Engineering Solutions, Inc. (Ramboll) is pleased to present results of a soil vapor sampling investigation performed at the warehouse property located at 3199 Alvarado Street in San Leandro, California (the "site"). The site includes a 14.8-acre portion (two parcels) improved with an approximately 240,000-square-foot warehouse building most recently used as a distribution warehouse and historically used as a furniture showroom/warehouse and a 1.97-acre easement.

This letter presents the results of the soil vapor sampling investigation that was conducted on April 3, 2025.

It is Ramboll's understanding that CCI is contemplating the redevelopment of the site with a new warehouse building of approximately the same size, but slightly different footprint of the existing structure. Ramboll prepared a Phase I ESA for the site in January 2025. To address potential vapor intrusion and determine whether there are on-/off-site sources of volatile organic compounds (VOCs) that could potentially affect future building occupants, Ramboll conducted a soil vapor sampling investigation that included the following:

- Collection and analysis of sub-slab soil vapor samples from 12 locations within the current building's interior perimeter at the approximate locations shown in Figure 1; and
- Because the future warehouse building has a slightly different footprint than the existing warehouse, Ramboll installed and collected samples from three soil vapor probes in the parking area, east of the current warehouse, within the footprint of the future new warehouse. The locations are shown on Figure 1.

Sub-Slab Soil Vapor Probe Installation

Sub-slab soil vapor samples were collected from 12 locations which were selected based on current and historical chemical use, prior sampling data, and accessibility. Prior to vapor pin installation, the building slab was scanned to clear each location of buried utilities and to mark the location of rebar. On March 28, 2025, at each location, a stainless-steel vapor pin was installed through the slab using a roto-hammer and hand tools. The vapor pin consisted of a barbed stainless-steel probe

with silicone sleeves that form an air-tight seal between the vapor pin and the edge of the concrete slab borehole. A 5/8-inch diameter hole was drilled through the slab, the vapor pin was installed in the hole, and a protective stainless-steel cover was installed flush with the surrounding floor surface.

Soil Vapor Monitoring Probe Installation

On March 28, 2025, Ramboll installed three soil vapor probes in the parking area (Figure 1). At each soil vapor probe location, a boring was advanced to a depth of approximately 4.25 feet below ground surface (bgs) to install a soil vapor probe at 4.75 feet bgs. The soil borings were advanced using a hand auger.

The soil vapor monitoring probes were constructed by backfilling the borehole with approximately 6 inches of sand, placing a stainless-steel soil vapor sampling probe connected to Teflon tubing on top of the sand layer at a depth of approximately 4.75 feet bgs and an additional 6 inches of sand was placed on top of the sand layer followed by one foot of dry bentonite. The remaining borehole annulus was backfilled with neat cement grout. An airtight valve was placed on the end of each length of Teflon tubing for sample collection. Each soil vapor monitoring probe was completed with a traffic-rated well box.

Soil Vapor Sample Collection and Analysis

After a minimum equilibration period of 48 hours, soil vapor samples were collected from each sub-slab and soil vapor probe in accordance with regulatory guidance.[1] As part of soil vapor sample collection, a shut-in and leak test was performed and three probe volumes were purged from each sub-slab and soil vapor probe. Samples were collected by Jones Environmental Inc. (“Jones”) in glass syringes for analysis in an onsite mobile laboratory in accordance with the United States Environmental Protection Agency (USEPA) Method 8260B. N-hexane, n-heptane, and n-hexane were used as leak detection compounds to ensure soil vapor probes were properly sealed during sampling, and a material blank was collected to ensure the tubing used during the investigation was free of contaminants. Two replicate samples were also collected in laboratory-provided one-liter Summa canisters, shipped to the analytical laboratory (Eurofins) under chain-of-custody documentation, and analyzed for volatile organic compounds (VOCs) by the USEPA Method TO-15.

Soil Vapor Sampling Results

Soil vapor sampling results are tabulated in Table 1 and shown on Figure 1. Laboratory analytical results are provided in Attachment A. If you have any questions or need further information, please contact us.

Sincerely,

Ramboll Americas Engineering Solutions, Inc.

Stacy Stonequist
Principal

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[1] California Department of Toxic Substances Control. 2015. Advisory for Active Soil Gas Investigations. July.

Attachments
Table 1
Figure 1
Attachment A – Laboratory Analytical Report

Table 1: Volatile Organic Compounds (VOCs) Detected in Soil Vapor Samples
Results of Soil Vapor and Sub-Slab Soil Vapor Sampling
3199 Alvarado Street, San Leandro, CA

Sample Location	Sample Date	Benzene	cis-1,2-Dichloroethene	Di-isopropylether	Ethylbenzene	Freon 113	Isopropyl-benzene	n-Propylbenzene	Tetrachloro-ethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Vinyl chloride	m,p-Xylene
Sub-Slab Vapor Pin Results [a]																
VP-01	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**391**	ND<2	**42**	**8**	ND<2	ND<2	ND<0.5	ND<5
VP-02	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**256**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-03	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**330**	**4**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-04	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**15**	ND<2	ND<2	**1,990**	ND<2	ND<1	**4**	ND<2	ND<2	ND<0.5	ND<5
VP-05	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**5**	ND<2	ND<2	**1,480**	ND<2	ND<1	**5**	ND<2	ND<2	ND<0.5	ND<5
VP-06	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**6**	ND<2	ND<2	**113**	**3**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-07	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**48**	**4**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-08	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**70**	**5**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-09	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**6**	ND<2	ND<2	**851**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-10	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**8**	ND<2	ND<2	**198**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-11	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**38**	ND<2	**5**	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-12	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**9**	ND<2	ND<2	**36**	ND<2	**7**	ND<2	ND<2	ND<2	ND<0.5	ND<5
Soil Vapor Monitoring Probe Results [b]																
SV-13	4/3/2025	**1.1**	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**2,320**	**5**	ND<1	**73**	ND<2	ND<2	ND<0.5	ND<5
SV-14	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**90**	**5**	ND<1	**2**	ND<2	ND<2	ND<0.5	ND<5
	4/3/2025	*ND<0.5*	*ND<1*	*ND<5*	*ND<2*	*ND<5*	*ND<2*	*ND<2*	**61**	**4**	*ND<1*	*ND<2*	*ND<2*	*ND<2*	*ND<0.5*	*ND<5*
SV-15	4/3/2025	**21**	ND<1	**28**	**7**	ND<5	**6**	**11**	**22**	**15**	ND<1	ND<2	**25**	**11**	**23**	**40**
Fixed-Base Lab 1L Summa Cannister QC Results																
VP-10-Rep	4/3/2025	ND<2.8	ND<3.5	--	**3.9**	**10**	--	ND<4.4	**190**	**17**	ND<4.8	ND<4.8	ND<4.4	ND<4.4	ND<2.3	**16**
SV-15-Rep	4/3/2025	**11**	**8.1**	--	**5.3**	ND<7.3	--	ND<7.3	ND<6.4	**11**	ND<5.2	ND<5.1	**12**	**6.6**	**8.2**	**27**
Fixed-Base Lab Ambient Air Blank																
AAB-20250403	4/3/2025	ND<3.2	ND<3.9	--	ND<4.3	ND<7.6	--	ND<4.9	ND<6.7	ND<7.5	ND<5.4	ND<5.3	ND<4.9	ND<4.9	ND<2.5	ND<8.6
Screening Criteria for Commercial Land Use [1]		*14*	*1,200*	*3,100*	*160*	*22,000*	*1,800*	*4,400*	*67*	*44,000*	*150,000*	*100*	*260*	*260*	*5.2*	*15,000*
Source		*ESL*	*ESL*	*RSL*	*ESL*	*RSL*	*RSL*	*RSL*	*ESL*	*ESL*	*ESL*	*ESL*	*RSL*	*RSL*	*ESL*	*ESL*

Notes:
Detected compounds are shown in **bold.**

All data are reported in micrograms per cubic meter ($\mu g/m^3$).

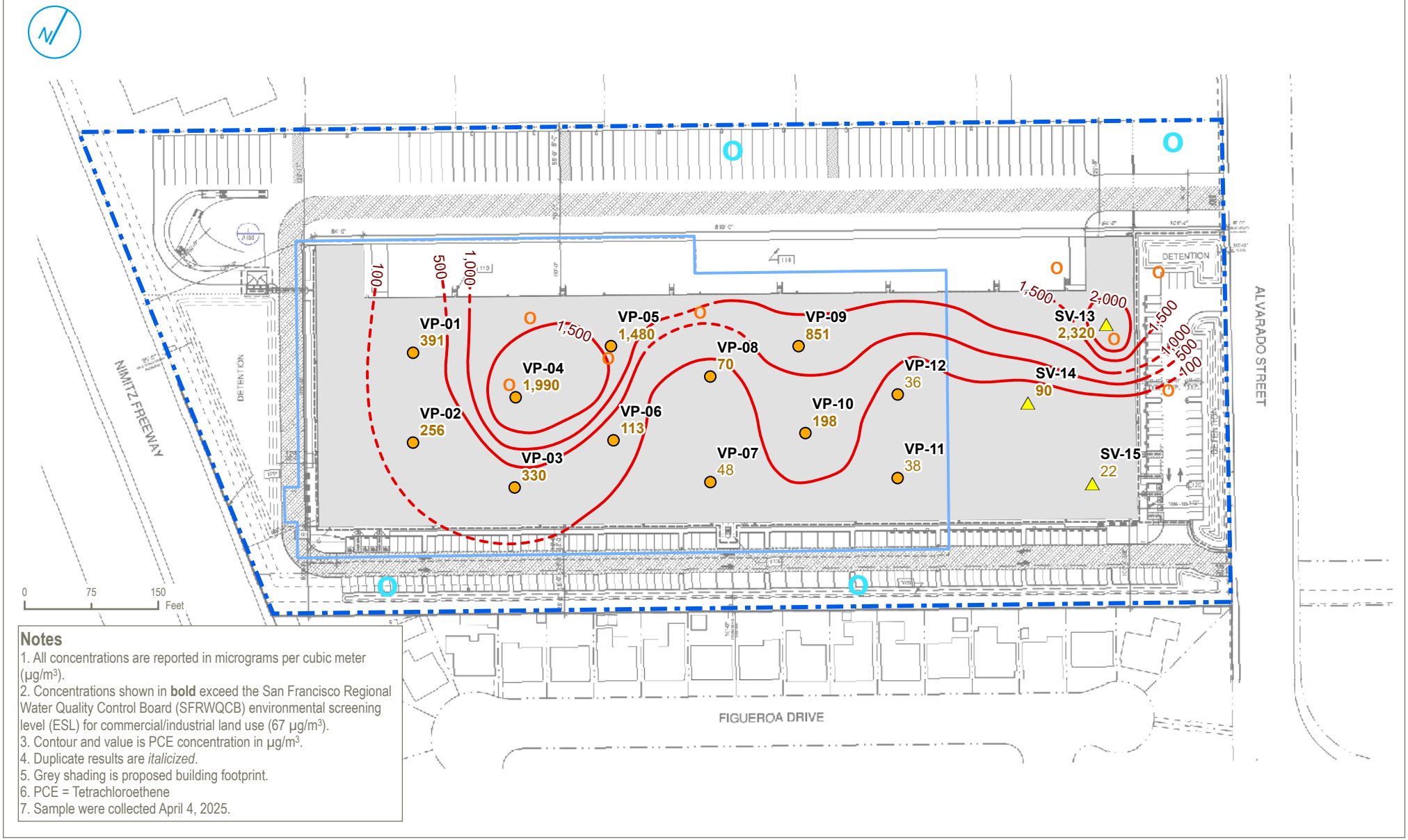
Blue shading denotes detection above screening value.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260.

-- = not analyzed
ND = not detected at or above the laboratory reporting limit shown
[a] VP = soil vapor sample collected from directly below the building floor slab via a Vapor Pin
[b] SV = Soil Vapor sample collected from a soil vapor monitoring probe installed at approximately 5 feet below ground surface

SFRWQCB = San Francisco Regional Water Quality Control Board
USEPA = United States Environmental Protection Agency

[1] Data are compared to SFRWQCB Soil Vapor ESLs[2] for commercial/industrial land use; if no ESL is available, USEPA RSLs[3] for industrial air are used assuming an attenuation factor of 0.03.
[2] *ESL - Environmental Screening Level.* San Francisco Bay Regional Water Quality Control Board. 2019. Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels; Commercial/Industrial. July.
[3] *RSL - Regional Screening Level.* USEPA. 2024. Regional Screening Levels for Chemical Contaminants at Superfund Sites. November.



Notes

1. All concentrations are reported in micrograms per cubic meter (µg/m³).
2. Concentrations shown in **bold** exceed the San Francisco Regional Water Quality Control Board (SFRWQCB) environmental screening level (ESL) for commercial/industrial land use (67 µg/m³).
3. Contour and value is PCE concentration in µg/m³.
4. Duplicate results are *italicized*.
5. Grey shading is proposed building footprint.
6. PCE = Tetrachloroethene
7. Sample were collected April 4, 2025.

- Approximate Site Boundary
- Existing Building Footprint
- PCE Isoconcentration Contour (Dashed Where Inferred)
- Shallow Soil Vapor Well Location
- Sub-Slab Soil Vapor Sample Location

PCE CONCENTRATIONS IN SOIL VAPOR

3199 Alvarado Street
San Leandro, California

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

Appendix E-3

Phase II Soil and Soil Vapor Investigation Letter Report

June 26, 2025

Tom Gretz
Manager of Corporate Real Estate Services
CC Industries, Inc. – a Henry Crown Company
222 N. LaSalle Street, Suite 1000
Chicago, Illinois 64116

SUBJECT: Phase II Soil and Soil Vapor Investigation Letter Report
3199 Alvarado Street
San Leandro, California

Dear Mr. Gretz:

Roux Associates, Inc. (Roux) has prepared this Phase II Soil and Soil Vapor Investigation Letter Report (Phase II Report) to convey the results of soil and soil vapor sampling conducted at 3199 Alvarado Street in San Leandro, California (Site; Figure 1) on behalf of The Henry Crown Grandchildren Trust (Client).

The results of the Phase II investigation offer the following conclusions:

- Chlorinated solvent contamination in soil vapor at the Site is related to off-site upgradient releases at properties associated with the DWA groundwater plume;
- The Site is not an independent source of soil vapor contamination;
- A passive subslab vapor intrusion mitigation system (VIMS) is recommended for the proposed commercial warehouse to protect against vapor intrusion from off-site upgradient sources; and,
- Based on current use, there is no vapor intrusion concern at the Site building because it is unoccupied.

Roux discussed the Phase II results and conclusions qualitatively with the California Department of Toxic Substances Control (DTSC), which is overseeing remedial activities related to the DWA groundwater plume. DTSC explained that a case would not be opened for the Site unless there was a potentially significant risk to human health or the environment. Based on the results of the Phase II investigation and proposed future use of the Site, Roux does not recommend further investigation at the Site at this time or opening a case with DTSC. As stated above, Roux recommends installing a VIMS when the Site is redeveloped.

SITE FEATURES & SETTING

The Site is approximately 14.9 acres and is located in an area of mixed commercial, industrial, and residential use. It is bound to the north and east by commercial and industrial properties, to the south by a residential neighborhood, and to the west by Highway 880 (Figure 2). The building on the Property was constructed in 1963 and contains an approximately 252,000 square foot warehouse. The Site is presently occupied by a Ford dealership and a Peterson Trucks dealership and is used for new vehicle and truck storage; there are no on-Site personnel occupying the property. Roux understands that Client owns the Site and intends to demolish the existing building and improvements and redevelop the entire Site with a new 241,488 square foot commercial warehouse (Figure 3).

This Phase II Report provides a summary of the results of the sampling events conducted by Roux between May 16 and 20, 2025, and results of a Phase I Environmental Site Assessment[1] and limited subslab and soil vapor sampling[2] (Attachment 1) conducted by Ramboll Americas Engineering Solutions, Inc. (Ramboll) in March and April, 2025. The subsurface investigations were completed in response to requests by the City of San Leandro (City) to perform Phase II Site Assessment and to interact with the California Department of Toxic Substances Control (DTSC), as conditions of approval for permits and entitlements (Attachment 2). The scope of work and results of subsurface investigations presented in this Phase II report were intended to investigate shallow soil and soil vapor conditions across the Site to identify the presence of any on-Site release associated with historical activities or relationship to known regional impacts associated with the Davis-Washington-Alvarado (DWA) Plume, which is comprised of releases of volatile organic compounds (VOCs) from multiple sources to soil and groundwater and is under the regulatory oversight of the DTSC[3].

All work performed at the Site by Roux and Ramboll was in accordance with the California Department of Toxic Substance Control (DTSC) Active Soil Gas Investigation Advisory (Soil Gas Advisory), dated July 2015. The following sections of this Report summarize the field activities, analytical results, and conclusions and recommendations.

SITE BACKGROUND

According to the March 2025 Phase I ESA prepared by Ramboll, the Site was used as farmland from at least 1939 to the early 1960s when a gasoline service station was constructed along the northeast portion of the property (Figure 2). The Site was constructed in its current configuration in 1968 and was historically occupied by multiple tenants, including Levitz Furniture from the late 1960s through 2005 for warehouse and showroom purposes. Most recently, the Site has been used for warehousing and distribution (2008 to 2022), and as of the date of this Phase II Report was being used by a nearby car dealership for storage of vehicles, with no on-Site employees. Client acquired a leasehold interest in the Site in 1971 and acquired ownership in 2003.

The Site is located in the footprint of a regional groundwater plume, referred to as the DWA Plume which has impacted soil, soil vapor, and groundwater over an area of many square miles. Numerous subsurface investigations have been conducted in the vicinity of the Site to evaluate potential sources and define extents of contamination. Grab groundwater sampling data collected by Woodward-Clyde Consultants in 1993[4], identified elevated VOC impacts in a groundwater sample located immediately upgradient from the Site at the intersection of Teagarden and Alvarado Street (sampling location D-48; Figure 4) as follows:

- Tetrachloroethene (PCE) at 526 micrograms per liter (µg/L);
- Trichloroethene (TCE) at 352 µg/L;
- 1,1-Dichloroethane (1,2-DCA) at 4.7 µg/L;
- Cis-1,2-dichloroethene (Cis-1,2-DCE) at 98 µg/L; and,
- Trans-1,2-DCE at 1.4 µg/L.

[1] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. Phase I Environmental Site Assessment, 3199 Alvarado Street, San Leandro, California. March.
[2] Ramboll Americas Engineering Solutions, Inc. (Ramboll), 2025. Phase I Environmental Site Assessment, 3199 Alvarado Street, San Leandro, California. March.
[3] https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=01990002
[4] https://www.envirostor.dtsc.ca.gov/getfile?filename=/public%2Fdeliverable_documents%2F5777784049%2Fdata%20report%20rem%20invest%207-23-93.pdf

Groundwater monitoring data from decades of groundwater monitoring and sampling (most recently published in May 2023[5]) establishes depth to groundwater in the area of the Site at approximately 8 feet below ground surface (bgs), and direction of groundwater flow from the north-northeast to the south-southwest (Figure 4). The leading edge of the DWA Plume is approximately 0.2 miles upgradient from the Site. However, multiple sources exist and DTSC has identified an area northeast of the Site as a Data Gap Area. Historical groundwater investigations have demonstrated PCE and its associated degradation products (TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) in groundwater[6] that are present to the north, south, and east of the Site in the Data Gap Area and in a residential area to the immediate south of the Site According to online information, DTSC has recently requisitioned additional soil and soil vapor sampling to further investigate the Data Gap Area and other potential sources in the Site vicinity (February 2025 Work Order Approval Form[7]).

In the 2025 Phase I ESA report, Ramboll identified the following Recognized Environmental Conditions (RECs) and de minimis conditions for the Site:

1. Underground storage tank with known groundwater contamination (de minimis);
2. Groundwater contamination related to off-Site sources (REC);
3. Long-term commercial and light-industrial use of the Site (de minimis);
4. Past use of the Site for agricultural purposes (de minimis); and,
5. Limited pavement and floor staining (de minimis).

To address potential vapor intrusion and investigate potential on- and off-Site sources of VOCs to the subsurface, Ramboll conducted sub-slab and soil vapor sampling in May 2025, which was limited to the footprint of the existing building and proposed building footprint. Ramboll prepared a Soil Vapor Sampling Results letter report[8] presenting the analytical results from the sampling. Benzene, PCE, and vinyl chloride were detected in sub-slab samples and/or soil vapor samples in exceedance of their respective DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Screening Levels (SLs) for Commercial/Industrial Air across a majority of the footprint of the on-Site structures (Figures 4 and 5). PCE concentrations in soil vapor ranged from 22 to 2,320 micrograms per cubic meter (µg/m^3). Concentrations of PCE were greatest across the northern and western portions of the building footprint and decreased to the south and southeast. The sample results indicate the presence of elevated concentrations of PCE in soil vapor in the current and proposed building footprints, but do not identify an on-Site source. The distribution of VOCs in subslab and soil vapor generally aligns with the groundwater flow direction, indicating they may be associated with the regional groundwater contamination REC identified by Ramboll.

INVESTIGATION ACTIVITIES

To supplement Ramboll's findings and assess subsurface conditions across the entire Site with the objective of confirming the absence of on-Site source areas of chlorinated VOCs and determining whether

[5] https://www.envirostor.dtsc.ca.gov/getfile?filename=/public%2Fdeliverable_documents%2F3358280777%2FDWA%20Regional%20Groundwater%20Monitoring%20Report%202023-05-16.pdf
[6] https://www.envirostor.dtsc.ca.gov/getfile?filename=/public%2Fdeliverable_documents%2F2228179752%2FDWA%20Soil%20Vapor%20Sampling%20Report%202015-05-11.pdf
[7] https://www.envirostor.dtsc.ca.gov/getfile?filename=/public%2Fdeliverable_documents%2F8434651017%2FDWA%20_Contract%2021_T5003-A3_WO%201_02072025_Final_02202025.pdf
[8] Ramboll, 2025. Soil Vapors Sampling Results, 3199 Alvarado Street in San Leandro, California. May 28.

observed impacts are attributable to the regional DWA Plume, Roux conducted soil and soil vapor sampling at the locations shown on Figures 2 & 4, between May 16 and 20, 2025.

The following subsections detail the pre-mobilization activities, soil boring advancement and soil sampling, and soil vapor probe installation and soil vapor sampling performed by Roux during this Investigation.

Pre-Mobilization Activities

Prior to commencing ground disturbing activities at the Site, Roux completed the following tasks in preparation for field sampling activities:

- Applied for and received an Alameda County Public Works Agency soil boring permit (Attachment 3);
- Marked the Site and sampling locations with white paint. Contacted Underground Service Alert (USA) at least 48 hours prior to commencing subsurface activities to notify utility operators of the planned work and to request marking of nearby subgrade utility lines (i.e., natural gas, electric, water, sewer, telephone, fiber optic, etc.);
- Contracted with a private utility locating firm to evaluate the proposed boring locations relative to existing underground utilities to minimize the risk of contacting subgrade utility lines; and,
- Prepared a Site-specific Health and Safety Plan (HASP) to establish guidelines for all Site workers and visitors during fieldwork. The HASP was reviewed and signed by all Site workers prior to the commencement of work and was kept on-Site at all times during field activities.

Soil Sampling

On May 16, 2025, 12 borings (RB-1 through RB-7 and RB-9 through RB-13) were advanced via hand auger drilling technology to a total depth of 5.5 feet bgs (Figure 2). RB-8 could not be completed as planned due to tight rebar mesh spacing in the slab preventing coring. During boring advancement, soils were screened for VOCs using a photoionization detector (PID). Soil borings were continuously logged consistent with the United Soil Classification System (USCS) for materials, color, moisture, and other pertinent geologic observations. All sampling equipment was decontaminated between boreholes to minimize potential cross contamination at the Site. Soil boring logs are included in Attachment 4.

At each boring location, a soil sample was collected from 5 feet bgs into laboratory provided sample containers. The samples were sealed, labeled, and placed in an ice-filled chest for transportation to Enthalpy Analytical of Orange, California, a California-certified laboratory, under chain-of-custody procedure for the following analyses:

- VOCs by United States Environmental Protection Agency (USEPA) Method 8260B; and
- Moisture by ASTM Method D2216.

Two 55-gallon drums of surplus soil generated during sampling were staged in a sealed, labelled drum in anticipation of waste profiling for proper off-Site disposal. One four-point composite sample was collected from the investigation derived waste (IDW) drums and submitted for laboratory analysis at Enthalpy. For waste disposal purposes, laboratory analyses were requested for the following on the composite IDW sample:

- VOCs by USEPA Method 8260B;
- Total petroleum hydrocarbons as gasoline, diesel and motor oil (TPH-g, -d, and -mo) by USEPA Method 8015Bm; and,
- CAM 17 metals by USEPA Method 6020/7471.

The waste drums were placed at the northwest corner of the parking lot, adjacent to the RB-3 boring location, and disposal of the drums as non-hazardous waste was completed on June 5, 2025. A non-hazardous soil waste manifest is presented in Attachment 5.

Soil Vapor Probe Installation and Sampling

On May 16, 2025, at 11 of the 12 soil borings (RB-1 through RB-7 and RB-9 through RB-12) permanent soil vapor sampling probes were constructed to assess Site-wide shallow soil vapor conditions (Figure 2). Boring RB-13 was placed immediately adjacent to Ramboll soil vapor sampling location SV-13, so only a soil sample was collected. Soil vapor well construction details are included in the boring logs (Attachment 4).

The soil vapor probes were constructed in general accordance with the Soil Gas Advisory and were installed with the probe tip at a target depth of 5.0 feet bgs. However, due to fine-grained soil conditions observed at 5.0 feet bgs at RB-10, the soil vapor probe at that location was installed in coarser soils at 4.0 feet bgs. Each probe consisted of a new stainless-steel filter probe tip with a ¼-inch push-to-connect fitting attached to ¼-inch diameter Teflon tubing. The probes were installed using a small-diameter PVC pipe to support the borehole while the well tubing and probe were installed, to ensure that the probe tip was emplaced at the proper depth. This down-hole pipe was removed during the placement of annulus materials.

To construct each soil vapor probe, six inches of #3 sand were placed in the boring, and the filter probe tip was installed at 5.0 feet bgs (4.0 feet bgs for RB-10). An additional six inches of sand was then placed above the probe tip, with the sampling tip at the midway point of the 12-inch sand. Above the sand pack, 12 inches of dry granular bentonite were placed, followed by neat cement grout to within 6-inches of ground surface. The 12-inch dry bentonite layer prevented the neat cement grout from infiltrating the sand pack. Traffic rated well boxes were then set in concrete at grade to protect the soil vapor probes.

Following a minimum 48-hour equilibration period, soil vapor samples were collected at all 10 locations, with a duplicate samples (DUP-1 and DUP-2) collected at the RB-12 and RB-4, respectively. Samples were collected using batch-certified clean Summa® Canisters. Prior to collection of the sample, a shut-in test was performed to confirm the integrity of the sampling manifold, and approximately three purge volumes were purged from the sampling tubing using a purge pump. Purge activities were conducted at a flow rate of approximately 200 milliliters per minute (mL/min). During purging and soil vapor sample collection activities, a leak test, with helium as a tracer gas, was performed using a shroud, which enclosed the soil vapor probe well box, probe tubing, and the entire sampling manifold. A minimum helium concentration of 20 percent was maintained within the shroud during the purging and soil vapor sample collection period. Soil vapor sampling forms are included as Attachment 6.

Soil vapor sampling canisters were transported to Enthalpy Analytical, Inc. of Berkeley, California, a California-certified laboratory. Laboratory analyses were requested for VOCs by USEPA Method TO-15 and helium by ASTM D1946.

SOIL RESULTS

Of the 11 soil samples submitted to Enthalpy for VOC analysis, none were reported to have any detections of VOCs above their respective laboratory reporting limits (RLs). Additionally, all RLs were below the DTSC

SL for Commercial/Industrial soil. Analytical laboratory reports for the soil samples are presented in Attachment 7.

SOIL VAPOR RESULTS

The soil vapor results from this Investigation are presented on Tables 1 and 2. Soil vapor results were compared against DTSC SLs for commercial/industrial air, with an attenuation factor of 0.03 applied. For analytes with no established DTSC SL, results were compared to the USEPA Regional Screening Levels (RSLs) for Industrial Air, when available. The following notable analytical results were reported:

- PCE was detected above the DTSC SL of 67 µg/m^3 in nine of 12 samples (including one duplicate sample) ranging in concentration from 230 to 13,000 µg/m^3;
- TCE was detected above the DTSC SL of 100 µg/m^3 in three of 12 samples (including one duplicate) ranging in concentration from 170 and 180 µg/m^3; and,
- Helium was not detected above the laboratory RL in any of the samples.

The two highest soil vapor PCE concentrations were detected in soil vapor probes SV-3 (7,000 µg/m^3) and SV-4 (13,000 µg/m^3), located immediately along the northern property boundary on the upgradient edge of the Site. In all cases, inclusive of the data collected by Ramboll, PCE concentrations were highest in the northern half of the Site and were lowest in probes placed along the eastern and southern property boundaries (RB-6, RB-10, RB-11, RB-12). The distribution of VOCs (primarily PCE with lower concentrations of TCE) in shallow soil vapor are indicative of on-Site migration from an upgradient source and do not point to any on-Site sources or contributions (Figure 4).

Laboratory analytical reports for the soil vapor samples analyzed during this Investigation are provided in Attachment 7.

Quality Assurance/Quality Control

For quality assurance/quality control purposes, Roux collected two duplicate samples and performed all soil vapor sampling utilizing a helium leak tracer gas. Roux compared the results of the duplicate samples (DUP-1 and DUP-2) and their primary samples (RB-12 and RB-4, respectively) by calculating the relative percent difference (RPD) for each detected analyte between the primary and duplicate samples. All detected compounds were within the acceptable RPD of 50% (per Soil Gas Advisory).

Results of the helium analyses indicate that there were no leaks in the sampling manifolds or soil vapor wells for any samples that would compromise the usefulness of the data set.

CONCLUSIONS & RECOMMENDATIONS

Based on the comprehensive investigations conducted at the Site, the following conclusions can be drawn:

- Historical records, as documented in Ramboll's Phase I ESA, confirm that there are no on-Site sources of chlorinated VOCs;
- Data from both recent and historical DWA investigations, along with findings from Ramboll and Roux, confirm that VOC-impacts to on-Site soil vapor are attributable to shallow groundwater contamination originating from off-Site, upgradient sources;
- On-Site soils are not impacted by VOCs, further confirming that there are no on-Site sources of chlorinated VOCs; however, soil vapor contamination is expected to remain. As such, a passive sub-slab VIMS in the future building is recommended;

- Vapor intrusion does not require further consideration at this time because the Site is unoccupied. Vapor intrusion risk within the structure of the proposed redevelopment will be mitigated with the VIMS and additional confirmation testing will be performed following completion of the redevelopment to ensure engineering controls are reducing vapor intrusion impacts to commercial standards.

Roux recommends that Client begin design of a VIMS to be constructed beneath the footprint of any proposed structures. Roux does not have any additional recommendations for on-Site investigations at this time.

Sincerely,

ROUX ASSOCIATES, INC.

Joshua Osborne, PG
Senior Geologist

Peter Shimer, PG
Senior Geologist



Mauricio H. Escobar, PG
Vice President/Principal Geologist

Enclosures:

Table

1. Summary of VOCs in Soil Vapor
2. Summary of Helium Analysis

Figures

1. Site Location Map
2. Site Plan
3. Proposed Redevelopment Site Plan
4. PCE Concentrations in Soil Vapor
5. PCE Concentrations in Sub-Slab Soil Vapor

Attachments

1. Ramboll Soil Vapor and Sub-Slab Report, 2025
2. City of San Leandro, Conditional Use Permit and Administrative Site Plan Review Letter
3. Soil Boring Permit
4. Boring Logs
5. Soil Waste Manifest
6. Soil Vapor Sampling Logs
7. Laboratory Analytical Results

TABLES

1. Summary of VOCs in Soil Vapor
2. Summary of Helium Analysis

Table 1
Summary of Soil Vapor Results
3199 Alvarado Stret, San Leandro, CA

Sample ID	Depth (ft bgs)	Sample Date	1,1,1-Trichloroethane µg/m³	1,2,4-Trimethylbenzene µg/m³	1,1,1-Trichloroethane µg/m³	1,2,4-Trimethylbenzene µg/m³	1,3,5-Trimethylbenzene µg/m³	4-Ethyltoluene µg/m³	Acetone µg/m³	Benzene µg/m³	Carbon Disulfide µg/m³	Chloroform µg/m³	Dichlorodifluoromethane µg/m³	Ethylbenzene µg/m³	Freon 113 µg/m³	Hexane µg/m³	m,p-Xylene µg/m³	o-Xylene µg/m³	Styrene µg/m³	Tetrachloroethene µg/m³	Toluene µg/m³	Trichloroethene µg/m³	Trichlorofluoromethane µg/m³	All Other VOCs µg/m³
ESLs sub-slab/soil gas - Commercial, Cancer[1]			ne	ne	ne	ne	ne	ne	ne	1.4E+01	ne	1.8E+01	ne	1.6E+02	ne	ne	ne	ne	ne	6.7E+01	ne	1.0E+02	ne	NA
ESLs sub-slab/soil gas - Commercial, Non-cancer[1]			1.5E+05	ne	1.5E+05	ne	ne	ne	4.5E+06	4.4E+02	ne	1.4E+04	ne	1.5E+05	ne	ne	ne	ne	1.3E+05	5.8E+03	4.4E+04	2.9E+02	ne	NA
RSLs Industrial Air[2]			2.2E+04	2.6E+02	2.2E+04	2.6E+02	2.6E+02	ne	ne	1.6E+00	3.1E+03	5.3E-01	4.4E+02	4.9E+00	2.2E+04	3.1E+03	ne	4.4E+02	4.4E+03	4.7E+01	2.2E+04	3.0E+00	ne	NA
Discrete Samples																								
RB-1	5	5/20/2025	<2.2	**6.2**	<2.2	**6.2**	<2.0	<2.0	**7.3**	<1.3	**5.7**	**2.7**	**11**	**3.5**	**31**	**7.0**	**12**	**4.9**	<1.7	**230**	**7.6**	<2.1	**3.3**	ND
RB-2	5	5/20/2025	**27**	<7.1	**27**	<7.1	<7.1	<7.1	**36**	<4.6	**8.1**	**8.1**	<7.1	<6.3	**21**	<5.1	<13	<6.3	<6.1	**1600**	**11**	**170**	**17**	ND
RB-3	5	5/20/2025	**160**	<31	**160**	<31	<31	<31	<76	<20	<20	<31	<32	<28	<49	<23	<56	<28	<27	**7400**	<24	**67**	<36	ND
RB-4	5	5/20/2025	<52	<47	<52	<47	<47	<47	<110	<31	<30	<47	<47	<42	<74	<34	<83	<42	<41	**13000**	<36	**180**	<54	ND
DUP-02	5	5/20/2025	<52	<47	<52	<47	<47	<47	<110	<31	<30	<47	<47	<42	<74	<34	<83	<42	<41	**13000**	<36	**180**	<54	ND
RB-5	5	5/20/2025	<11	<9.8	<11	<9.8	<9.8	<9.8	<24	<6.4	**21**	<9.8	<9.9	<8.7	<15	<7.0	<17	<8.7	<8.5	**2300**	<7.5	<11	<11	ND
RB-6	5	5/20/2025	<2.2	<2.0	<2.2	<2.0	<2.0	<2.0	**8.0**	**3.2**	**2.3**	**6.4**	<2.0	**5.4**	<3.1	**2.1**	**23**	**6.4**	<1.7	**710**	**91**	<2.1	**3.6**	ND
RB-7	5	5/20/2025	**25**	<16	**25**	<16	<16	<16	<38	<10	**12**	<16	<16	<14	<25	<11	**30**	<14	<14	**4900**	**21**	**54**	<18	ND
RB-9	5	5/20/2025	<16	<14	<16	<14	<14	<14	<34	<9.2	<9.0	<14	<14	<13	**25**	<10	<25	<13	<12	**4000**	<11	<15	<16	ND
RB-10	4	5/20/2025	<2.0	**2.0**	<2.0	**2.0**	<1.8	<1.8	**4.5**	<1.2	**7.5**	**9.1**	<1.8	<1.6	<2.8	<1.3	**4.1**	**2.3**	**62**	<2.4	**8.0**	<1.9	**2.2**	ND
RB-11	5	5/20/2025	<2.0	**11**	<2.0	**11**	**3.0**	**2.1**	**9.1**	<1.2	**13**	<1.8	**1.8**	**3.6**	<2.8	<1.3	**15**	**6.0**	<1.5	**31**	**8.1**	<1.9	**2.1**	ND
RB-12	5	5/20/2025	<2.0	**6.0**	<2.0	**6.0**	<1.8	<1.8	**6.6**	<1.2	**33**	**9.8**	**1.9**	**2.8**	<2.8	<1.3	**9.2**	**3.7**	<1.5	<2.4	**6.0**	<1.9	**2.1**	ND
DUP-01	5	5/20/2025	<2.0	**6.9**	<2.0	**6.9**	**1.8**	<1.8	**5.8**	<1.2	**30**	**8.9**	**2.0**	**2.8**	<2.8	<1.3	**9.7**	**3.7**	<1.5	<2.4	**5.7**	<1.9	**2.4**	ND

Notes:
Orange highlighted concentration exceeds the Commercial ESLs
Bold = Concentration detected above the laboratory reporting limit.
ft bgs = Feet below ground surface.
NA = Not analyzed or not applicable.
ND = Not detected above the laboratory reporting limit.
ne = not established
VOCs = Volatile organic compounds
<X = Not detected at or above laboratory reporting limit X.
VOCs analyzed by Environmental Protection Agency Method 8260B.
[1]San Francisco Bay Regional Water Quality Control Board 2019. *Environmental Screening Levels (ESLs): Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels (Table SG-1).* January 2019.
[2]Environmental Protection Agency 2023. Regional Screening Levels (RSLs): Industrial Air. May 2024.

Table 2
Summary of Helium Analysis
3199 Alvarado Stret, San Leandro, CA

Sample ID	Depth (ft bgs)	Sample Date	Helium %v/v
RB-1	5	5/20/2025	<0.20
RB-2	5	5/20/2025	<0.18
RB-3	5	5/20/2025	<0.20
RB-4	5	5/20/2025	<0.18
DUP-02	5	5/20/2025	<0.18
RB-5	5	5/20/2025	<0.18
RB-6	5	5/20/2025	<0.20
RB-7	5	5/20/2025	<0.20
RB-9	5	5/20/2025	<0.18
RB-10	4	5/20/2025	<0.18
RB-11	5	5/20/2025	<0.18
RB-12	5	5/20/2025	<0.18
DUP-01	5	5/20/2025	<0.18

Notes:

<X = Not detected at or above laboratory reporting limit X.

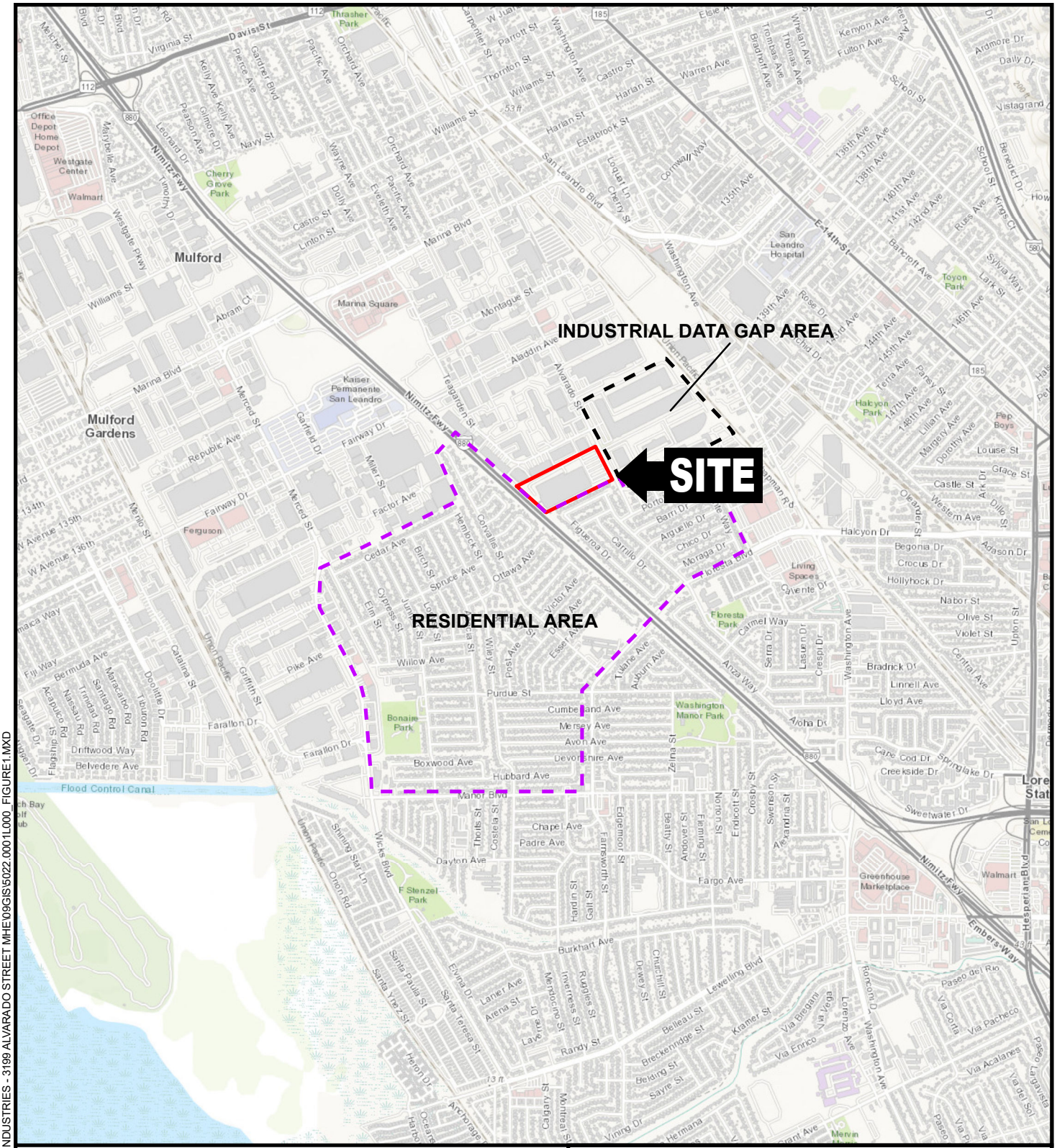
B: Contamination found in associated method blank.

ft bgs = Feet below ground surface.

%v/v = Percent by volume.

FIGURES

1. Site Location Map
2. Site Plan
3. Proposed Redevelopment Site Plan
4. PCE Concentrations in Sub-Slab Vapor
5. PCE Concentrations in Soil Vapor



QUADRANGLE LOCATION



N

1,000 0 1,000'

Title:

SITE LOCATION MAP

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

Prepared for:

HENRY CROWN GRANDCHILDREN TRUST

ROUX

Compiled by: KG	Date: 06/03/25
Prepared by: KG	Scale: AS SHOWN
Project Mgr: JO	Project: 5022.0001L000
File: 5022.0001L000_Figure1.mxd	

FIGURE 1

\\SRVLACAFP1\LA SHARED\CLIENTS\5022.0001L_CC INDUSTRIES - 3199 ALVARADO STREET MHE\09GIS\5022.0001L000_FIGURE1.MXD



LEGEND

- HISTORICAL GROUNDWATER SAMPLING LOCATION (WOODWARD-CLYDE, 1993)
- OFF-SITE SOIL VAPOR SAMPLING LOCATIONS (SGI, 2015)
- HISTORICAL SUBSLAB AND SOIL VAPOR SAMPLING LOCATIONS (RAMBOLL, 2025B)
- SOIL SAMPLING LOCATION (ROUX, 2025)
- SOIL AND SOIL VAPOR SAMPLING LOCATION (ROUX, 2025)
- INDUSTRIAL DATA GAP AREA (SGI, 2015)
- RESIDENTIAL AREA (SGI, 2015)
- APPROXIMATE SITE BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. DWA = DAVIS-WASHINGTON-ALVARADO.
3. RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. (RAMBOLL), 2025A. PHASE I ENVIRONMENTAL SITE ASSESSMENT, 3199 ALVARADO STREET, SAN LEANDRO, CALIFORNIA. MARCH.
4. RAMBOLL, 2025B. SOIL VAPOR SAMPLING RESULTS, 3199 ALVARADO STREET IN SAN LEANDRO, CALIFORNIA. APRIL 3.
5. RMD ENVIRONMENTAL SOLUTIONS (RMD), 2023. REGIONAL GROUNDWATER MONITORING REPORT, DWA PLUME, SAN LEANDRO, CALIFORNIA. MAY 16.
6. THE SOURCE GROUP, INC. (SGI), 2015. SUPPLEMENTAL SAMPLING REPORT, DWA PLUME, SAN LEANDRO, CALIFORNIA. NOVEMBER 12.
7. WOODWARD-CLYDE CONSULTANTS (WOODWARD-CLYDE), 1993. DATA REPORT, REMEDIAL INVESTIGATION OF REMEDIAL GROUNDWATER CONTAMINATION, SAN LEANDRO, CALIFORNIA. JULY 23.

N

200 0 200'

Title:

SITE PLAN

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

Prepared for:

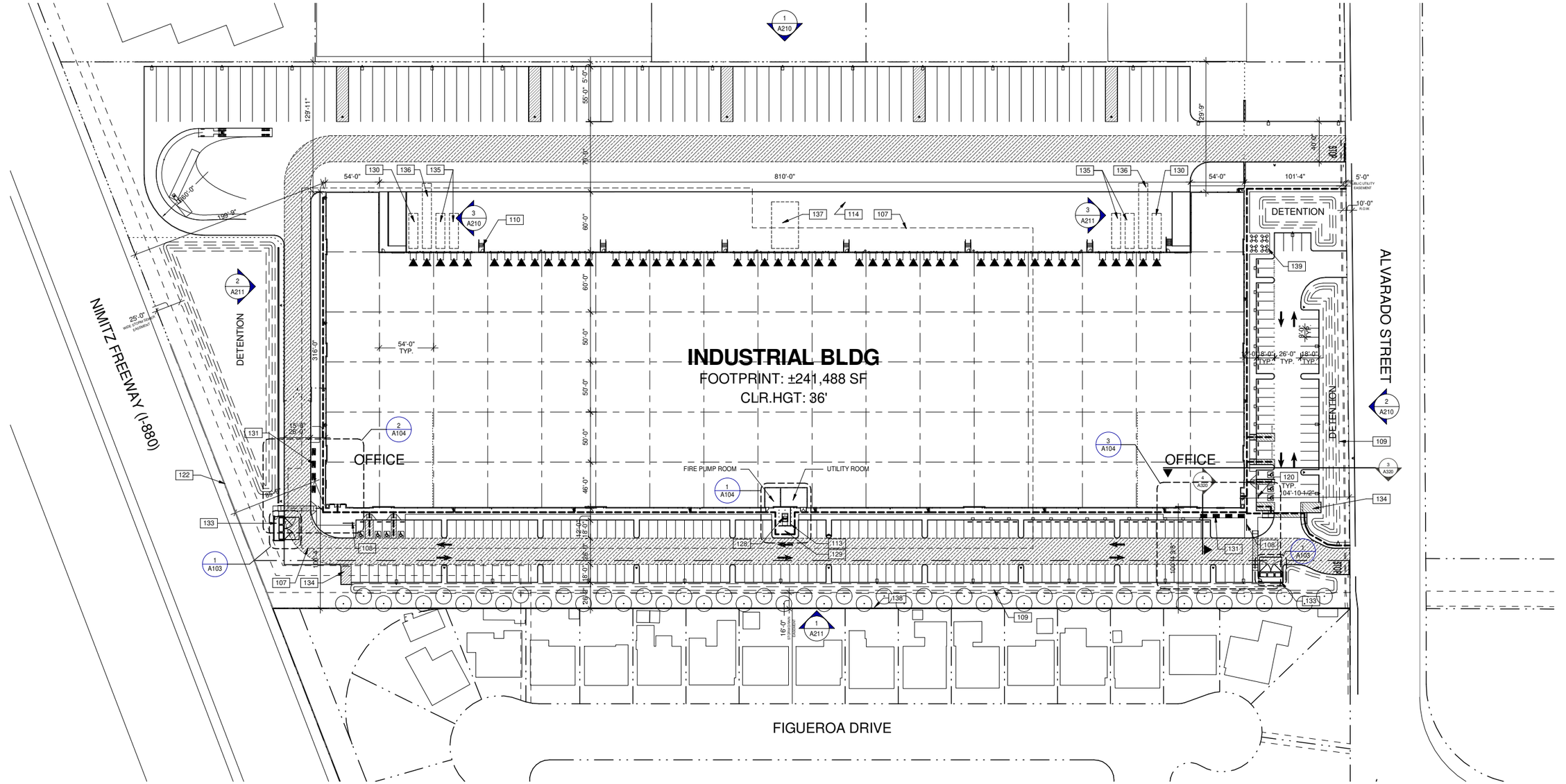
HENRY CROWN GRANDCHILDREN TRUST

ROUX

Compiled by: KG	Date: 06/05/25
Prepared by: KG	Scale: AS SHOWN
Project Mgr: JO	Project: 5022.0001L000
File: 5022.0001L000_Figure2.mxd	

FIGURE 2

\\SRVLACAFP1\LA SHARED\CLIENTS\5022.0001L_CC INDUSTRIES - 3199 ALVARADO STREET MHE\09GIS\5022.0001L000_FIGURE2.MXD



Source: Ware Malcomb, 2024. Alvarado Street Warehouse, 3199 Alvarado Street, San Leandro, CA 94577, Sheet A101, Proposed Site Plan

1"=50'

0 25' 50' 100' 250'

SITE PLAN

SCALE: 1" = 50'-0"

N TRUE NORTH

LEGEND

- ACCESSIBLE PATH OF TRAVEL. 1:20 MAX. SLOPE, 2% MAX. CROSS SLOPE.
- PROPERTY LINE.
- POLE MOUNTED LIGHT FIXTURE.
- WALLPACK LIGHT FIXTURE.
- T — TRANSFORMER WITH CONCRETE PAD. (PROVIDE PROTECTION BOLLARDS PER LOCAL UTILITY OR PUBLIC WORK STANDARDS)
- LANDSCAPE AND IRRIGATION AREA.
- FIRE LANE (HATCHED)
- (1) — PARKING STALL COUNT TOTAL
- FIRE HYDRANT

Title:

PROPOSED DEVELOPMENT SITE PLAN

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

Prepared for:

HENRY CROWN GRANDCHILDREN TRUST

ROUX

Ccmpiled by: JO	Date: 06/04/25
Prepared by: JO	Scale: AS SHOWN
Project Mgr: JO	Project: 5022.0001L000
File: 5022.0001L000_Figure3.pdf	

FIGURE 3



LEGEND

- HISTORICAL SUBSLAB SAMPLING LOCATIONS (RAMBOLL, 2025)
- INDUSTRIAL DATA GAP AREA (SGI, 2015)
- RESIDENTIAL AREA (SGI, 2015)
- APPROXIMATE SITE BOUNDARY

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (UG/M3) UNLESS STATED OTHERWISE.
3. DWA = DAVIS-WASHINGTON-ALVARADO.
4. PCE = TETRACHLOROETHENE.
5. YELLOW HIGHLIGHTED SOIL VAPOR CONCENTRATIONS EXCEED CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL SCREENING LEVEL FOR INDUSTRIAL/COMMERCIAL AIR.
6. RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. (RAMBOLL), 2025. SOIL VAPOR SAMPLING REPORT, 3199 ALVARADO STREET IN SAN LEANDRO, CALIFORNIA. APRIL 3.
7. THE SOURCE GROUP, INC. (SGI), 2015. SUPPLEMENTAL SAMPLING REPORT, DWA PLUME, SAN LEANDRO, CALIFORNIA. NOVEMBER 12.

N

200 0 200'

Title:

PCE CONCENTRATIONS IN SUB-SLAB SOIL VAPOR

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

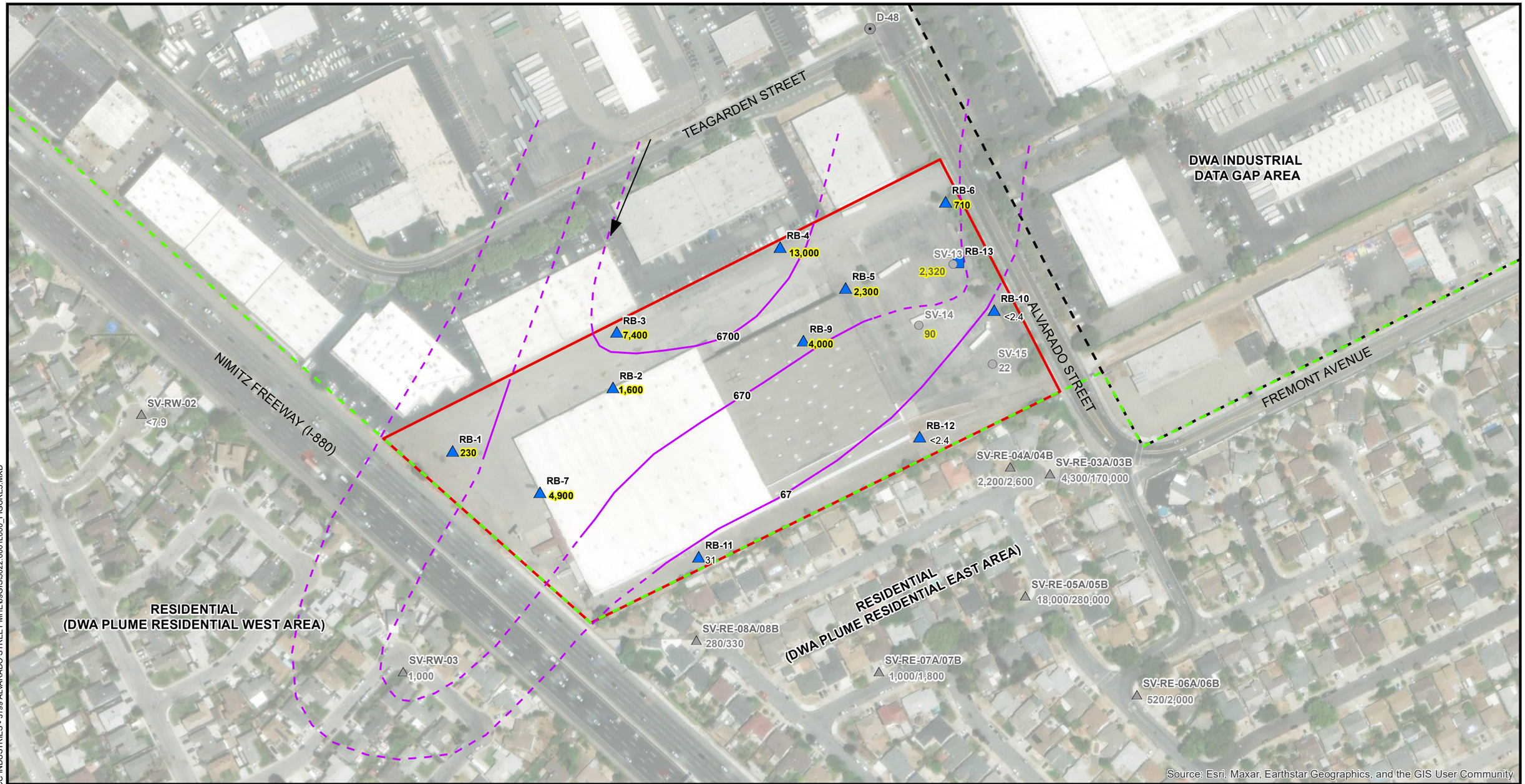
Prepared for:

HENRY CROWN GRANDCHILDREN TRUST

ROUX

Compiled by: KG	Date: 06/05/25	FIGURE
Prepared by: KG	Scale: AS SHOWN	5
Project Mgr: JO	Project: 5022.0001L000	
File: 5022.0001L000_Figure4.mxd		

\\SRVLACAFP1\LA SHARED\CLIENTS\5022.0001L_CC INDUSTRIES - 3199 ALVARADO STREET MHE\09GIS\5022.0001L000_FIGURE4.MXD



LEGEND

- OFF-SITE SOIL VAPOR SAMPLE LOCATIONS (SGI, 2015)
- HISTORICAL GROUNDWATER SAMPLING LOCATION (WOODWARD-CLYDE, 1993)
- HISTORICAL SOIL VAPOR SAMPLING LOCATIONS (RAMBOLL, 2025)
- SOIL SAMPLING LOCATION (ROUX, 2025)
- SOIL AND SOIL VAPOR SAMPLING LOCATION (ROUX, 2025)
- PCE ISOCONTOURS (DASHED WHERE INFERRED)
- INDUSTRIAL DATA GAP AREA (SGI, 2015)
- RESIDENTIAL AREA (SGI, 2015)
- APPROXIMATE SITE BOUNDARY
- APPROXIMATE GROUNDWATER FLOW DIRECTION (RMD, 2023)

NOTES

1. ALL LOCATIONS ARE APPROXIMATE.
2. ALL CONCENTRATIONS IN MICROGRAMS PER CUBIC METER (UG/M3) UNLESS STATED OTHERWISE.
3. DWA = DAVIS-WASHINGTON-ALVARADO.
4. PCE = TETRACHLOROETHENE.
5. YELLOW HIGHLIGHTED SOIL VAPOR CONCENTRATIONS EXCEED CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL SCREENING LEVEL FOR INDUSTRIAL/COMMERCIAL AIR.
6. PCE FROM GRAB GROUNDWATER SAMPLE D-48 REPORTED AS 526 PER LITER (WOODWARD-CLYDE, 1993).
7. RAMBOLL AMERICAS ENGINEERING SOLUTIONS, INC. (RAMBOLL), 2025. PHASE I ENVIRONMENTAL SITE ASSESSMENT, 3199 ALVARADO STREET, SAN LEANDRO, CALIFORNIA. MARCH.
8. RMD ENVIRONMENTAL SOLUTIONS (RMD), 2023. REGIONAL GROUNDWATER MONITORING REPORT, DWA PLUME, SAN LEANDRO, CALIFORNIA. MAY 16.
9. THE SOURCE GROUP, INC. (SGI), 2015. SUPPLEMENTAL SAMPLING REPORT, DWA PLUME, SAN LEANDRO, CALIFORNIA. NOVEMBER 12.
10. WOODWARD-CLYDE CONSULTANTS (WOODWARD-CLYDE), 1993. DATA REPORT, REMEDIAL INVESTIGATION OF REGIONAL GROUNDWATER CONTAMINATION, SAN LEANDRO, CALIFORNIA. JULY 23.

N

200 0 200'

Title:

PCE CONCENTRATIONS IN SOIL VAPOR

3199 ALVARADO STREET
SAN LEANDRO, CALIFORNIA

Prepared for:

HENRY CROWN GRANDCHILDREN TRUST

ROUX

Compiled by: KG	Date: 06/05/25	FIGURE
Prepared by: KG	Scale: AS SHOWN	4
Project Mgr: JO	Project: 5022.0001L000	
File: 5022.0001L000_Figure5.mxd		

\\SRVLACAFP1\LA SHARED\CLIENTS\5022.0001L_CC INDUSTRIES - 3199 ALVARADO STREET MHE\09GIS\5022.0001L000_FIGURE5.MXD

ATTACHMENTS

1. Ramboll Soil Vapor and Sub-Slab Report, 2025
2. City of San Leandro, Conditional Use Permit and Administrative Site Plan Review Letter
3. Soil Boring Permit
4. Boring Logs
5. Soil Waste Manifest
6. Soil Vapor Sampling Logs
7. Laboratory Analytical Results

ATTACHMENT 1

Ramboll Soil Vapor and Sub-Slab Report, 2025

RAMBOLL

ENVIRONMENT
& HEALTH

Sent via Electronic Mail

Confidential

Mr. Steve Geist
Environmental, Health & Safety Manager
CC Industries, Inc. – A Henry Crown Company
222 North LaSalle Street Suite 1000
Chicago, IL 60601

SOIL VAPOR SAMPLING RESULTS
3199 ALVARADO STREET IN SAN LEANDRO, CALIFORNIA

Dear Steve:

May 28, 2025

Ramboll
333 West Wacker Drive
Suite 1050
Chicago, IL 60606

T +1 312 288 3800
www.ramboll.com

Ref. P3861C-24265b / 194011690

Ramboll Americas Engineering Solutions, Inc. (Ramboll) is pleased to present results of a soil vapor sampling investigation performed at the warehouse property located at 3199 Alvarado Street in San Leandro, California (the "site"). The site includes a 14.8-acre portion (two parcels) improved with an approximately 240,000-square-foot warehouse building most recently used as a distribution warehouse and historically used as a furniture showroom/warehouse and a 1.97-acre easement.

This letter presents the results of the soil vapor sampling investigation that was conducted on April 3, 2025.

It is Ramboll's understanding that CCI is contemplating the redevelopment of the site with a new warehouse building of approximately the same size, but slightly different footprint of the existing structure. Ramboll prepared a Phase I ESA for the site in January 2025. To address potential vapor intrusion and determine whether there are on-/off-site sources of volatile organic compounds (VOCs) that could potentially affect future building occupants, Ramboll conducted a soil vapor sampling investigation that included the following:

- Collection and analysis of sub-slab soil vapor samples from 12 locations within the current building's interior perimeter at the approximate locations shown in Figure 1; and
- Because the future warehouse building has a slightly different footprint than the existing warehouse, Ramboll installed and collected samples from three soil vapor probes in the parking area, east of the current warehouse, within the footprint of the future new warehouse. The locations are shown on Figure 1.

Sub-Slab Soil Vapor Probe Installation

Sub-slab soil vapor samples were collected from 12 locations which were selected based on current and historical chemical use, prior sampling data, and accessibility. Prior to vapor pin installation, the building slab was scanned to clear each location of buried utilities and to mark the location of rebar. On March 28, 2025, at each location, a stainless-steel vapor pin was installed through the slab using a roto-hammer and hand tools. The vapor pin consisted of a barbed stainless-steel probe

with silicone sleeves that form an air-tight seal between the vapor pin and the edge of the concrete slab borehole. A 5/8-inch diameter hole was drilled through the slab, the vapor pin was installed in the hole, and a protective stainless-steel cover was installed flush with the surrounding floor surface.

Soil Vapor Monitoring Probe Installation

On March 28, 2025, Ramboll installed three soil vapor probes in the parking area (Figure 1). At each soil vapor probe location, a boring was advanced to a depth of approximately 4.25 feet below ground surface (bgs) to install a soil vapor probe at 4.75 feet bgs. The soil borings were advanced using a hand auger.

The soil vapor monitoring probes were constructed by backfilling the borehole with approximately 6 inches of sand, placing a stainless-steel soil vapor sampling probe connected to Teflon tubing on top of the sand layer at a depth of approximately 4.75 feet bgs and an additional 6 inches of sand was placed on top of the sand layer followed by one foot of dry bentonite. The remaining borehole annulus was backfilled with neat cement grout. An airtight valve was placed on the end of each length of Teflon tubing for sample collection. Each soil vapor monitoring probe was completed with a traffic-rated well box.

Soil Vapor Sample Collection and Analysis

After a minimum equilibration period of 48 hours, soil vapor samples were collected from each sub-slab and soil vapor probe in accordance with regulatory guidance.[1] As part of soil vapor sample collection, a shut-in and leak test was performed and three probe volumes were purged from each sub-slab and soil vapor probe. Samples were collected by Jones Environmental Inc. (“Jones”) in glass syringes for analysis in an onsite mobile laboratory in accordance with the United States Environmental Protection Agency (USEPA) Method 8260B. N-hexane, n-heptane, and n-hexane were used as leak detection compounds to ensure soil vapor probes were properly sealed during sampling, and a material blank was collected to ensure the tubing used during the investigation was free of contaminants. Two replicate samples were also collected in laboratory-provided one-liter Summa canisters, shipped to the analytical laboratory (Eurofins) under chain-of-custody documentation, and analyzed for volatile organic compounds (VOCs) by the USEPA Method TO-15.

Soil Vapor Sampling Results

Soil vapor sampling results are tabulated in Table 1 and shown on Figure 1. Laboratory analytical results are provided in Attachment A. If you have any questions or need further information, please contact us.

Sincerely,

Ramboll Americas Engineering Solutions, Inc.

Stacy Stonequist
Principal

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M +1 630 698 1061
sstonequist@ramboll.com

Anne Wooster Gates, PE
Senior Managing Consultant

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M +1 415 877 0123
agates@ramboll.com

[1] California Department of Toxic Substances Control. 2015. Advisory for Active Soil Gas Investigations. July.

Attachments
Table 1
Figure 1
Attachment A – Laboratory Analytical Report

Table 1: Volatile Organic Compounds (VOCs) Detected in Soil Vapor Samples
Results of Soil Vapor and Sub-Slab Soil Vapor Sampling
3199 Alvarado Street, San Leandro, CA

Sample Location	Sample Date	Benzene	cis-1,2-Dichloroethene	Di-isopropylether	Ethylbenzene	Freon 113	Isopropyl-benzene	n-Propylbenzene	Tetrachloro-ethene (PCE)	Toluene	1,1,1-Trichloroethane	Trichloroethene (TCE)	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Vinyl chloride	m,p-Xylene
Sub-Slab Vapor Pin Results [a]																
VP-01	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**391**	ND<2	**42**	**8**	ND<2	ND<2	ND<0.5	ND<5
VP-02	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**256**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-03	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**330**	**4**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-04	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**15**	ND<2	ND<2	**1,990**	ND<2	ND<1	**4**	ND<2	ND<2	ND<0.5	ND<5
VP-05	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**5**	ND<2	ND<2	**1,480**	ND<2	ND<1	**5**	ND<2	ND<2	ND<0.5	ND<5
VP-06	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**6**	ND<2	ND<2	**113**	**3**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-07	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**48**	**4**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-08	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**70**	**5**	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-09	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**6**	ND<2	ND<2	**851**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-10	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**8**	ND<2	ND<2	**198**	ND<2	ND<1	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-11	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**38**	ND<2	**5**	ND<2	ND<2	ND<2	ND<0.5	ND<5
VP-12	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	**9**	ND<2	ND<2	**36**	ND<2	**7**	ND<2	ND<2	ND<2	ND<0.5	ND<5
Soil Vapor Monitoring Probe Results [b]																
SV-13	4/3/2025	**1.1**	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**2,320**	**5**	ND<1	**73**	ND<2	ND<2	ND<0.5	ND<5
SV-14	4/3/2025	ND<0.5	ND<1	ND<5	ND<2	ND<5	ND<2	ND<2	**90**	**5**	ND<1	**2**	ND<2	ND<2	ND<0.5	ND<5
	4/3/2025	*ND<0.5*	*ND<1*	*ND<5*	*ND<2*	*ND<5*	*ND<2*	*ND<2*	**61**	**4**	*ND<1*	*ND<2*	*ND<2*	*ND<2*	*ND<0.5*	*ND<5*
SV-15	4/3/2025	**21**	ND<1	**28**	**7**	ND<5	**6**	**11**	**22**	**15**	ND<1	ND<2	**25**	**11**	**23**	**40**
Fixed-Base Lab 1L Summa Cannister QC Results																
VP-10-Rep	4/3/2025	ND<2.8	ND<3.5	--	**3.9**	**10**	--	ND<4.4	**190**	**17**	ND<4.8	ND<4.8	ND<4.4	ND<4.4	ND<2.3	**16**
SV-15-Rep	4/3/2025	**11**	**8.1**	--	**5.3**	ND<7.3	--	ND<7.3	ND<6.4	**11**	ND<5.2	ND<5.1	**12**	**6.6**	**8.2**	**27**
Fixed-Base Lab Ambient Air Blank																
AAB-20250403	4/3/2025	ND<3.2	ND<3.9	--	ND<4.3	ND<7.6	--	ND<4.9	ND<6.7	ND<7.5	ND<5.4	ND<5.3	ND<4.9	ND<4.9	ND<2.5	ND<8.6
Screening Criteria for Commercial Land Use [1]		*14*	*1,200*	*3,100*	*160*	*22,000*	*1,800*	*4,400*	*67*	*44,000*	*150,000*	*100*	*260*	*260*	*5.2*	*15,000*
Source		*ESL*	*ESL*	*RSL*	*ESL*	*RSL*	*RSL*	*RSL*	*ESL*	*ESL*	*ESL*	*ESL*	*RSL*	*RSL*	*ESL*	*ESL*

Notes:
Detected compounds are shown in **bold.**

All data are reported in micrograms per cubic meter ($\mu g/m^3$).

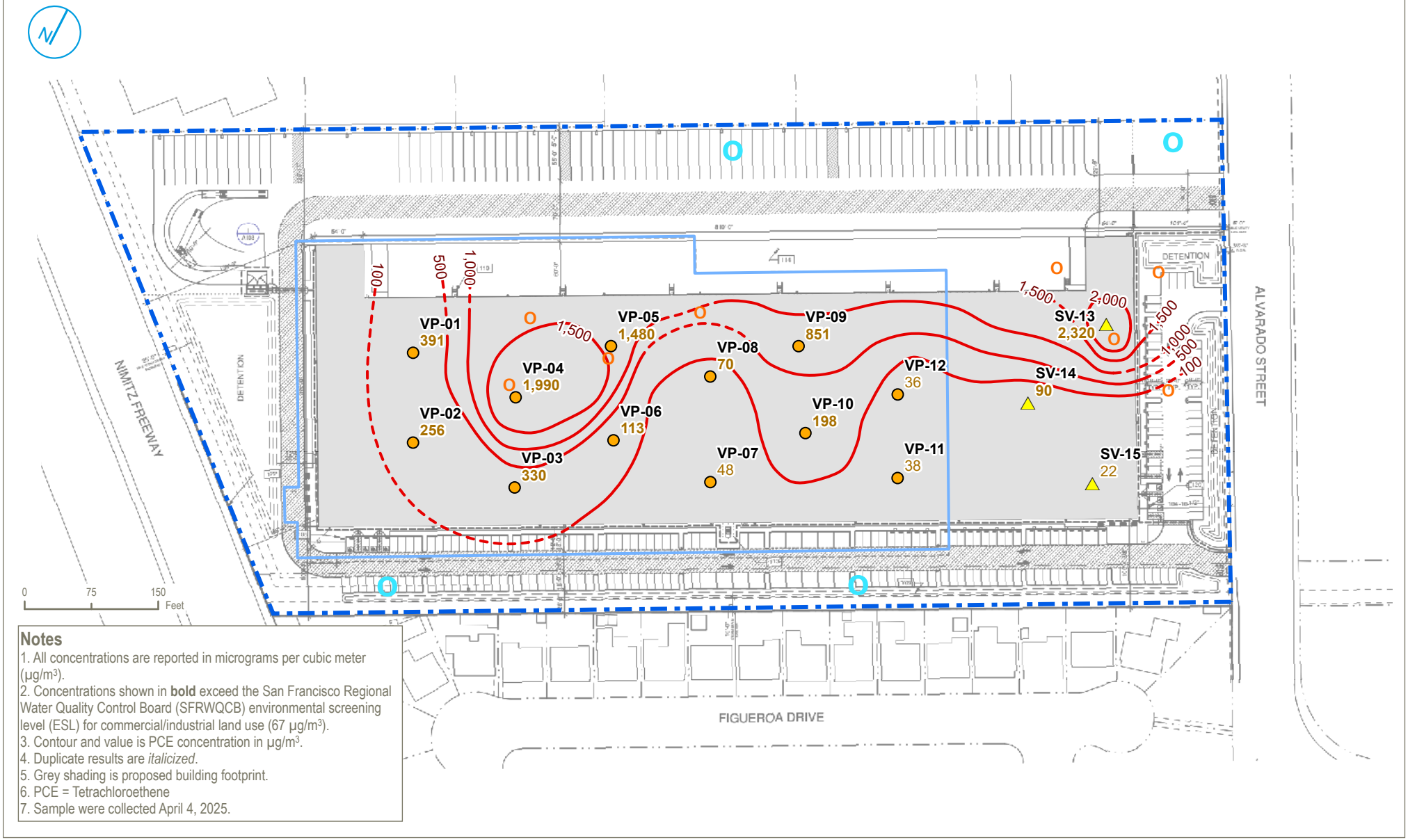
Blue shading denotes detection above screening value.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260.

-- = not analyzed
ND = not detected at or above the laboratory reporting limit shown
[a] VP = soil vapor sample collected from directly below the building floor slab via a Vapor Pin
[b] SV = Soil Vapor sample collected from a soil vapor monitoring probe installed at approximately 5 feet below ground surface

SFRWQCB = San Francisco Regional Water Quality Control Board
USEPA = United States Environmental Protection Agency

[1] Data are compared to SFRWQCB Soil Vapor ESLs[2] for commercial/industrial land use; if no ESL is available, USEPA RSLs[3] for industrial air are used assuming an attenuation factor of 0.03.
[2] *ESL - Environmental Screening Level.* San Francisco Bay Regional Water Quality Control Board. 2019. Subslab/Soil Gas Vapor Intrusion: Human Health Risk Levels; Commercial/Industrial. July.
[3] *RSL - Regional Screening Level.* USEPA. 2024. Regional Screening Levels for Chemical Contaminants at Superfund Sites. November.



Notes

1. All concentrations are reported in micrograms per cubic meter (µg/m³).
2. Concentrations shown in **bold** exceed the San Francisco Regional Water Quality Control Board (SFRWQCB) environmental screening level (ESL) for commercial/industrial land use (67 µg/m³).
3. Contour and value is PCE concentration in µg/m³.
4. Duplicate results are *italicized*.
5. Grey shading is proposed building footprint.
6. PCE = Tetrachloroethene
7. Sample were collected April 4, 2025.

Approximate Site Boundary

Existing Building Footprint

PCE Isoconcentration Contour (Dashed Where Inferred)

Shallow Soil Vapor Well Location

Sub-Slab Soil Vapor Sample Location

PCE CONCENTRATIONS IN SOIL VAPOR

3199 Alvarado Street
San Leandro, California

FIGURE 01

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

RAMBOLL

ENVIRONMENT
& HEALTH

ATTACHMENT A
LABORATORY ANALYTICAL REPORTS

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

08 April 2025

Anne Gates
Ramboll
350 South Grand Avenue
Los Angeles, CA 90071

Re: CCI San Leandro: 3199 Alvarado

Enclosed are the results of analyses for samples received by the laboratory on 04/03/25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-13-20250403	J251153-001	Soil Vapor	04/03/2025 08:06	04/03/2025 07:27
SV-14-20250403	J251153-002	Soil Vapor	04/03/2025 08:20	04/03/2025 07:27
SV-14-20250403 REP	J251153-003	Soil Vapor	04/03/2025 08:30	04/03/2025 07:27
VP-01-20250403	J251153-004	Soil Vapor	04/03/2025 09:19	04/03/2025 07:27
VP-02-20250403	J251153-005	Soil Vapor	04/03/2025 09:36	04/03/2025 07:27
VP-03-20250403	J251153-006	Soil Vapor	04/03/2025 09:42	04/03/2025 07:27
VP-04-20250403	J251153-007	Soil Vapor	04/03/2025 09:57	04/03/2025 07:27
VP-05-20250403	J251153-008	Soil Vapor	04/03/2025 10:16	04/03/2025 07:27
VP-06-20250403	J251153-009	Soil Vapor	04/03/2025 10:30	04/03/2025 07:27
VP-07-20250403	J251153-010	Soil Vapor	04/03/2025 10:50	04/03/2025 07:27
VP-08-20250403	J251153-011	Soil Vapor	04/03/2025 11:13	04/03/2025 07:27
VP-09-20250403	J251153-012	Soil Vapor	04/03/2025 11:21	04/03/2025 07:27
VP-10-20250403	J251153-013	Soil Vapor	04/03/2025 11:43	04/03/2025 07:27
VP-11-20250403	J251153-014	Soil Vapor	04/03/2025 11:57	04/03/2025 07:27
VP-12-20250403	J251153-015	Soil Vapor	04/03/2025 12:07	04/03/2025 07:27
SV-15-20250403	J251153-016	Soil Vapor	04/03/2025 12:32	04/03/2025 07:27

Jones Environmental, Inc.



Colby Wakeman
Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

DETECTIONS SUMMARY

Sample ID: SV-13-20250403 **Laboratory ID:** J251153-001

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	1.1	0.5	µg/m3	EPA 8260	
Tetrachloroethene	2320	2	µg/m3	EPA 8260	
Toluene	5	2	µg/m3	EPA 8260	
Trichloroethene	73	2	µg/m3	EPA 8260	

Sample ID: SV-14-20250403 **Laboratory ID:** J251153-002

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	90	2	µg/m3	EPA 8260	
Toluene	5	2	µg/m3	EPA 8260	
Trichloroethene	2	2	µg/m3	EPA 8260	

Sample ID: SV-14-20250403 REP **Laboratory ID:** J251153-003

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	61	2	µg/m3	EPA 8260	
Toluene	4	2	µg/m3	EPA 8260	

Sample ID: VP-01-20250403 **Laboratory ID:** J251153-004

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	42	1	µg/m3	EPA 8260	
Tetrachloroethene	391	2	µg/m3	EPA 8260	
Trichloroethene	8	2	µg/m3	EPA 8260	

Sample ID: VP-02-20250403 **Laboratory ID:** J251153-005

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	256	2	µg/m3	EPA 8260	

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11007 FOREST PLACE
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562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

DETECTIONS SUMMARY

Sample ID: VP-03-20250403 **Laboratory ID:** J251153-006

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	330	2	µg/m3	EPA 8260	
Toluene	4	2	µg/m3	EPA 8260	

Sample ID: VP-04-20250403 **Laboratory ID:** J251153-007

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 113	15	5	µg/m3	EPA 8260	
Tetrachloroethene	1990	2	µg/m3	EPA 8260	
Trichloroethene	4	2	µg/m3	EPA 8260	

Sample ID: VP-05-20250403 **Laboratory ID:** J251153-008

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 113	5	5	µg/m3	EPA 8260	
Tetrachloroethene	1480	2	µg/m3	EPA 8260	
Trichloroethene	5	2	µg/m3	EPA 8260	

Sample ID: VP-06-20250403 **Laboratory ID:** J251153-009

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 113	6	5	µg/m3	EPA 8260	
Tetrachloroethene	113	2	µg/m3	EPA 8260	
Toluene	3	2	µg/m3	EPA 8260	

Sample ID: VP-07-20250403 **Laboratory ID:** J251153-010

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	48	2	µg/m3	EPA 8260	
Toluene	4	2	µg/m3	EPA 8260	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

DETECTIONS SUMMARY

Sample ID: VP-08-20250403 **Laboratory ID:** J251153-011

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	70	2	µg/m3	EPA 8260	
Toluene	5	2	µg/m3	EPA 8260	

Sample ID: VP-09-20250403 **Laboratory ID:** J251153-012

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 113	6	5	µg/m3	EPA 8260	
Tetrachloroethene	851	2	µg/m3	EPA 8260	

Sample ID: VP-10-20250403 **Laboratory ID:** J251153-013

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 113	8	5	µg/m3	EPA 8260	
Tetrachloroethene	198	2	µg/m3	EPA 8260	

Sample ID: VP-11-20250403 **Laboratory ID:** J251153-014

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	5	1	µg/m3	EPA 8260	
Tetrachloroethene	38	2	µg/m3	EPA 8260	

Sample ID: VP-12-20250403 **Laboratory ID:** J251153-015

Analyte	Result	Reporting Limit	Units	Method	Notes
1,1,1-Trichloroethane	7	1	µg/m3	EPA 8260	
Freon 113	9	5	µg/m3	EPA 8260	
Tetrachloroethene	36	2	µg/m3	EPA 8260	

Sample ID: SV-15-20250403 **Laboratory ID:** J251153-016

Analyte	Result	Reporting Limit	Units	Method	Notes

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350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

DETECTIONS SUMMARY

Sample ID: SV-15-20250403 **Laboratory ID:** J251153-016

Analyte	Result	Reporting Limit	Units	Method	Notes
1,2,4-Trimethylbenzene	25	2	µg/m3	EPA 8260	
1,3,5-Trimethylbenzene	11	2	µg/m3	EPA 8260	
Benzene	21.1	0.5	µg/m3	EPA 8260	
Di-isopropylether	28	5	µg/m3	EPA 8260	
Ethylbenzene	7	2	µg/m3	EPA 8260	
Isopropylbenzene	6	2	µg/m3	EPA 8260	
m,p-Xylene	40	5	µg/m3	EPA 8260	
n-Propylbenzene	11	2	µg/m3	EPA 8260	
Tetrachloroethene	22	2	µg/m3	EPA 8260	
Toluene	15	2	µg/m3	EPA 8260	
Vinyl chloride	22.8	0.5	µg/m3	EPA 8260	

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350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-13-20250403
J251153-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	1.1	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	2320	2	µg/m3	"	"	"	"	
Toluene	5	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	73	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-13-20250403
J251153-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.71 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.88 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.87 %*	*60 - 140*						

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350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-14-20250403
J251153-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	90	2	µg/m3	"	"	"	"	
Toluene	5	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	2	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-14-20250403
J251153-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.26 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*93.85 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*96.91 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-14-20250403 REP
J251153-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	61	2	µg/m3	"	"	"	"	
Toluene	4	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-14-20250403 REP
J251153-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.38 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*99.76 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*97.18 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-01-20250403
J251153-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	391	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	42	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	8	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-01-20250403
J251153-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.08 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*100.83 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*97.23 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-02-20250403
J251153-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	256	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-02-20250403
J251153-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.02 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*100.34 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*96.16 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-03-20250403
J251153-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	330	2	µg/m3	"	"	"	"	
Toluene	4	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-03-20250403
J251153-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.32 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.64 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.09 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-04-20250403
J251153-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	15	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	1990	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	4	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-04-20250403
J251153-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.96 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*102.73 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.37 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-05-20250403
J251153-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	5	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	1480	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	5	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-05-20250403
J251153-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.30 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.01 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*94.42 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-06-20250403
J251153-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	6	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	113	2	µg/m3	"	"	"	"	
Toluene	3	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-06-20250403
J251153-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.75 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.23 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*94.96 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-07-20250403
J251153-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	48	2	µg/m3	"	"	"	"	
Toluene	4	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-07-20250403
J251153-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.97 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*102.17 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.87 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-08-20250403
J251153-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	70	2	µg/m3	"	"	"	"	
Toluene	5	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-08-20250403
J251153-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.96 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*101.47 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*96.99 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-09-20250403
J251153-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	6	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	851	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-09-20250403
J251153-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.15 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*97.52 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.27 %*	*60 - 140*						

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-10-20250403
J251153-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	8	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	198	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-10-20250403
J251153-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.24 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*100.19 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*96.65 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-11-20250403
J251153-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	38	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	5	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-11-20250403
J251153-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.03 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*98.86 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*95.41 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-12-20250403
J251153-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	9	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	ND	2	µg/m3	"	"	"	"	
Isopropylbenzene	ND	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	ND	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	36	2	µg/m3	"	"	"	"	
Toluene	ND	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	7	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

VP-12-20250403
J251153-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	ND	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	ND	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	ND	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.02 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*98.58 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*97.08 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-15-20250403
J251153-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Benzene	21.1	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
Bromodichloromethane	ND	2	µg/m3	"	"	"	"	
Bromoform	ND	2	µg/m3	"	"	"	"	
n-Butylbenzene	ND	5	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	5	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	5	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	1	µg/m3	"	"	"	"	
Chlorobenzene	ND	2	µg/m3	"	"	"	"	
Chloroform	ND	2	µg/m3	"	"	"	"	
Dibromochloromethane	ND	2	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	2	µg/m3	"	"	"	"	
Freon 12	ND	5	µg/m3	"	"	"	"	
Freon 11	ND	5	µg/m3	"	"	"	"	
Freon 113	ND	5	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	1	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	1	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	1	µg/m3	"	"	"	"	
Ethylbenzene	7	2	µg/m3	"	"	"	"	
Isopropylbenzene	6	2	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	2	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	2	µg/m3	"	"	"	"	
Naphthalene	ND	2	µg/m3	"	"	"	"	
n-Propylbenzene	11	2	µg/m3	"	"	"	"	
Styrene	ND	2	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	2	µg/m3	"	"	"	"	
Tetrachloroethene	22	2	µg/m3	"	"	"	"	
Toluene	15	2	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	1	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	1	µg/m3	"	"	"	"	
Trichloroethene	ND	2	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	25	2	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	11	2	µg/m3	"	"	"	"	

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

SV-15-20250403
J251153-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Ultra Low ug/m3 by EPA 8260								
Vinyl chloride	22.8	0.5	µg/m3	1	QC2504114	04/03/25	EPA 8260	
m,p-Xylene	40	5	µg/m3	"	"	"	"	
o-Xylene	ND	2	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	5	µg/m3	"	"	"	"	
Di-isopropylether	28	5	µg/m3	"	"	"	"	
tert-amylmethylether	ND	5	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	25	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	20	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	20	µg/m3	"	"	"	"	
Acetone (LCC)	ND	20	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.97 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*98.16 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*101.41 %*	*60 - 140*						

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Ultra Low ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2504114 - EPA 8260										
CCV 1										
Benzene	10.8	0.5	%	10		108	80 - 120		120	
Chlorobenzene	11	2	%	10		113	80 - 120		120	
1,1-Dichloroethene	10	1	%	10		99	80 - 120		120	
cis-1,2-Dichloroethene	11	1	%	10		111	80 - 120		120	
Ethylbenzene	11	2	%	10		111	80 - 120		120	
Tetrachloroethene	12	2	%	10		119	80 - 120		120	
Toluene	11	2	%	10		114	80 - 120		120	
1,1,1-Trichloroethane	10	1	%	10		95	80 - 120		120	
Trichloroethene	11	2	%	10		106	80 - 120		120	
1,2,4-Trimethylbenzene	11	2	%	10		112	80 - 120		120	
Vinyl chloride	11.1	0.5	%	10		111	80 - 120		120	
LCS 1										
Benzene	2.52	0.5	%	2.5		101	70 - 130			
Chlorobenzene	2.59	2	%	2.5		104	70 - 130			
1,1-Dichloroethene	2.33	1	%	2.5		93	60 - 140			
cis-1,2-Dichloroethene	2.35	1	%	2.5		94	70 - 130			
Ethylbenzene	2.48	2	%	2.5		99	70 - 130			
Tetrachloroethene	2.96	2	%	2.5		119	70 - 130			
Toluene	2.57	2	%	2.5		103	70 - 130			
1,1,1-Trichloroethane	2.09	1	%	2.5		84	70 - 130			
Trichloroethene	2.45	2	%	2.5		98	70 - 130			
1,2,4-Trimethylbenzene	2.27	2	%	2.5		91	70 - 130			
Vinyl chloride	2.27	0.5	%	2.5		91	60 - 140			
Surrogate: Toluene-d8		*100.19 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*105.26 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*98.76 %*	*60 - 140*							
LCSD 1										
Benzene	2.62	0.5	%	2.5		105		3.92		
Chlorobenzene	2.67	2	%	2.5		107		3.06		
1,1-Dichloroethene	2.34	1	%	2.5		93		0.10		
cis-1,2-Dichloroethene	2.53	1	%	2.5		101		7.55		
Ethylbenzene	2.63	2	%	2.5		105		5.88		
Tetrachloroethene	2.85	2	%	2.5		114		4.07		
Toluene	2.73	2	%	2.5		109		5.85		
1,1,1-Trichloroethane	2.16	1	%	2.5		86		3.40		

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Ultra Low ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2504114 - EPA 8260										
LCSD 1										
Trichloroethene	2.57	2	%	2.5		103		4.58		
1,2,4-Trimethylbenzene	2.41	2	%	2.5		96		5.85		
Vinyl chloride	2.40	0.5	%	2.5		96		5.46		
Surrogate: Toluene-d8		*99.77 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*101.94 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*98.18 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	0.5	µg/m3							
Bromodichloromethane	ND	2	µg/m3							
Bromoform	ND	2	µg/m3							
n-Butylbenzene	ND	5	µg/m3							
sec-Butylbenzene	ND	5	µg/m3							
tert-Butylbenzene	ND	5	µg/m3							
Carbon tetrachloride	ND	1	µg/m3							
Chlorobenzene	ND	2	µg/m3							
Chloroform	ND	2	µg/m3							
Dibromochloromethane	ND	2	µg/m3							
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3							
1,2-Dichlorobenzene	ND	2	µg/m3							
1,3-Dichlorobenzene	ND	2	µg/m3							
1,4-Dichlorobenzene	ND	2	µg/m3							
Freon 12	ND	5	µg/m3							
Freon 11	ND	5	µg/m3							
Freon 113	ND	5	µg/m3							
1,1-Dichloroethane	ND	1	µg/m3							
1,2-Dichloroethane	ND	1	µg/m3							
1,1-Dichloroethene	ND	1	µg/m3							
cis-1,2-Dichloroethene	ND	1	µg/m3							
trans-1,2-Dichloroethene	ND	1	µg/m3							
Ethylbenzene	ND	2	µg/m3							
Isopropylbenzene	ND	2	µg/m3							
4-Isopropyltoluene	ND	2	µg/m3							
Methylene chloride (TIC)	ND	2	µg/m3							
Naphthalene	ND	2	µg/m3							
n-Propylbenzene	ND	2	µg/m3							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Ultra Low ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2504114 - EPA 8260										
Method Blank 1										
Styrene	ND	2	µg/m3							
1,1,1,2-Tetrachloroethane	ND	1	µg/m3							
1,1,2,2-Tetrachloroethane	ND	2	µg/m3							
Tetrachloroethene	ND	2	µg/m3							
Toluene	ND	2	µg/m3							
1,1,1-Trichloroethane	ND	1	µg/m3							
1,1,2-Trichloroethane	ND	1	µg/m3							
Trichloroethene	ND	2	µg/m3							
1,2,4-Trimethylbenzene	ND	2	µg/m3							
1,3,5-Trimethylbenzene	ND	2	µg/m3							
Vinyl chloride	ND	0.5	µg/m3							
m,p-Xylene	ND	5	µg/m3							
o-Xylene	ND	2	µg/m3							
Methyl-tert-butylether	ND	5	µg/m3							
Ethyl-tert-butylether	ND	5	µg/m3							
Di-isopropylether	ND	5	µg/m3							
tert-amylmethylether	ND	5	µg/m3							
tert-Butylalcohol	ND	25	µg/m3							
n-Hexane (LCC)	ND	20	µg/m3							
n-Pentane (LCC)	ND	20	µg/m3							
Acetone (LCC)	ND	20	µg/m3							
Surrogate: Toluene-d8		*100.29 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*102.41 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*95.88 %*	*60 - 140*							
Sample Blank 1										
Benzene	ND	0.5	µg/m3							
Bromodichloromethane	ND	2	µg/m3							
Bromoform	ND	2	µg/m3							
n-Butylbenzene	ND	5	µg/m3							
sec-Butylbenzene	ND	5	µg/m3							
tert-Butylbenzene	ND	5	µg/m3							
Carbon tetrachloride	ND	1	µg/m3							
Chlorobenzene	ND	2	µg/m3							
Chloroform	ND	2	µg/m3							
Dibromochloromethane	ND	2	µg/m3							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Ultra Low ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2504114 - EPA 8260										
Sample Blank 1										
1,2-Dibromoethane (EDB)	ND	0.5	µg/m3							
1,2-Dichlorobenzene	ND	2	µg/m3							
1,3-Dichlorobenzene	ND	2	µg/m3							
1,4-Dichlorobenzene	ND	2	µg/m3							
Freon 12	ND	5	µg/m3							
Freon 11	ND	5	µg/m3							
Freon 113	ND	5	µg/m3							
1,1-Dichloroethane	ND	1	µg/m3							
1,2-Dichloroethane	ND	1	µg/m3							
1,1-Dichloroethene	ND	1	µg/m3							
cis-1,2-Dichloroethene	ND	1	µg/m3							
trans-1,2-Dichloroethene	ND	1	µg/m3							
Ethylbenzene	ND	2	µg/m3							
Isopropylbenzene	ND	2	µg/m3							
4-Isopropyltoluene	ND	2	µg/m3							
Methylene chloride (TIC)	ND	2	µg/m3							
Naphthalene	ND	2	µg/m3							
n-Propylbenzene	ND	2	µg/m3							
Styrene	ND	2	µg/m3							
1,1,1,2-Tetrachloroethane	ND	1	µg/m3							
1,1,2,2-Tetrachloroethane	ND	2	µg/m3							
Tetrachloroethene	ND	2	µg/m3							
Toluene	ND	2	µg/m3							
1,1,1-Trichloroethane	ND	1	µg/m3							
1,1,2-Trichloroethane	ND	1	µg/m3							
Trichloroethene	ND	2	µg/m3							
1,2,4-Trimethylbenzene	ND	2	µg/m3							
1,3,5-Trimethylbenzene	ND	2	µg/m3							
Vinyl chloride	ND	0.5	µg/m3							
m,p-Xylene	ND	5	µg/m3							
o-Xylene	ND	2	µg/m3							
Methyl-tert-butylether	ND	5	µg/m3							
Ethyl-tert-butylether	ND	5	µg/m3							
Di-isopropylether	ND	5	µg/m3							
tert-amylmethylether	ND	5	µg/m3							
tert-Butylalcohol	ND	25	µg/m3							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Ultra Low ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2504114 - EPA 8260										
Sample Blank 1										
n-Hexane (LCC)	ND	20	µg/m3							
n-Pentane (LCC)	ND	20	µg/m3							
Acetone (LCC)	ND	20	µg/m3							
Surrogate: Toluene-d8		*96.90 %*					*60 - 140*			
Surrogate: Dibromofluoromethane		*97.85 %*					*60 - 140*			
Surrogate: 4-Bromofluorobenzene		*96.21 %*					*60 - 140*			

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less then PQL but greater than MDL.
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
OV	Sample was filtered in the lab before extraction.
HHTAR	High hydrocarbon concentration prevented in-range recovery of target analytes.
IHRPD	Target analyte recoveries were outside of range but accepted due to passing RPDs
AROL	Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
ISO-H	Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
2	Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
3	RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
4	LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
5	MS and/or MSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
RV	Surrogate recovery outside of control limits due to required dilution.
ASP	Hydrocarbons in this sample most closely resemble asphalt.
@	Surrogate is outside acceptable limits. All other QC parameters in control, therefore data was accepted.
S	Sample was subjected to elemental sulfur cleanup by EPA 3660B.

Jones Environmental, Inc.



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Lab Director

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Ramboll	Project:	CCI San Leandro: 3199 Alvarado	
350 South Grand Avenue	Project Number:	1940111690	Reported
Los Angeles, CA 90071	Project Manager:	Anne Gates	04/08/25 7:36

TIC Tentatively Identified Compound. Compound is not in the calibration mix and does not have a valid calibration. All reported detections are estimated

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client: Ramboll
Project Name: CCI San Leando: 3199 Alvarado
Project Address: 3199 Alvarado St, San Leandro, CA
Email:
Phone:
Report To: Anne Gates
Sampler: Albert Aceves

Date: 4/3/2025
Client Project #: 1940111690

Purge Number: □ 1P ☑ 3P □ 7P □ 10P
Shut-In Test: Ø / N

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Turn Around Requested:
□ Immediate Attention
□ Rush 24 Hours
□ Rush 48 Hours
□ Rush 72 Hours
□ Normal
☑ Mobile Lab

Tracer:
☑ n-pentane
☑ n-hexane
□ n-heptane
□ Isopropyl Alcohol
□ n-Propyl Alcohol
□ 1,1-DFA
Acetone

Reporting Limits: □ Standard □ Low Level* □ Ultra-Low* *surcharge for these limits
Units: ug/m³

Analysis Requested

LAB USE ONLY
Jones Project #: J251153

Page 1 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

QC 2504114

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics				Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SV-13-20250403	3	3780	4/3/25	8:06	8:10	J251153-001	200	SAMPLER 1	M100.601	SG	X					<2	1	
SV-14-20250403	3	3780	4/3/25	8:20	8:28	J251153-002	200	BSSC	M100.602	SG	X					<2	1	
SV-14-20250403 REP	3	3780	4/3/25	8:30	8:43	J251153-003	200	BSSC	M100.602	SG	X					<2	1	
VP-01-20250403	-	125	4/3/25	9:19	9:23	J251153-004	-	HANDPURGE	-	SG	X						1	
VP-02-20250403	-	125	4/3/25	9:36	9:39	J251153-005	-	HANDPURGE	-	SG	X						1	
VP-03-20250403	-	125	4/3/25	9:42	9:53	J251153-006	-	HANDPURGE	-	SG	X						1	
VP-04-20250403	-	125	4/3/25	9:57	10:09	J251153-007	-	HANDPURGE	-	SG	X						1	
VP-05-20250403	-	125	4/3/25	10:16	10:26	J251153-008	-	HANDPURGE	-	SG	X						1	
VP-06-20250403	-	125	4/3/25	10:30	10:42	J251153-009	-	HANDPURGE	-	SG	X						1	
VP-07-20250403	-	125	4/3/25	10:50	10:59	J251153-010	-	HANDPURGE	-	SG	X						1	

10	Total Number of Containers		

Representative Signature: B. McDonald **Printed Name:** B. McDonald
Company: Ramboll **Date:** 4/3/2025 **Time:** 0:00

Laboratory Signature: **Printed Name:** Albert Aceves
Company: JONES ENVIRONMENTAL, INC. **Date:** 4/3/2025 **Time:**

Representative Signature: **Printed Name:**
Company: **Date:** **Time:**

Laboratory Signature: **Printed Name:**
Company: **Date:** **Time:**

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client: Ramboll

Project Name: CCI San Leando: 3199 Alvarado

Project Address: 3199 Alvarado St, San Leandro, CA

Email:

Phone:

Report To: Anne Gates

Sampler: Albert Aceves

Date: 4/3/2025

Client Project #: 1940111690

Purge Number: □ 1P ☑ 3P □ 7P □ 10P

Shut-In Test: Y / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

Turn Around Requested:
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☑ Mobile Lab

Tracer:
- ☑ n-pentane
- ☑ n-hexane
- □ n-heptane
- □ Isopropyl Alcohol
- □ n-Propyl Alcohol
- □ 1,1-DFA
- Acetone

Reporting Limits: □ Standard □ Low Level* ☑ Ultra-Low* *surcharge for these limits

Units: ug/m3

LAB USE ONLY

Jones Project #: J251153

Page 2 of 2

Sample Container: GASTIGHT GLASS SYRINGE

If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (in/H_2O)	Number of Containers	Notes & Special Instructions
VP-08-20250403	-	125	4/3/25	11:13	11:16	J251153-011	-	HANDPURGE	-	SG	X					1	
VP-09-20250403	-	125	4/3/25	11:21	11:31	J251153-012	-	HANDPURGE	-	SG	X					1	
VP-10-20250403	-	125	4/3/25	11:43	11:47	J251153-013	-	HANDPURGE	-	SG	X					1	
VP-11-20250403	-	125	4/3/25	11:57	12:03	J251153-014	-	HANDPURGE	-	SG	X					1	
VP-12-20250403	-	125	4/3/25	12:07	12:20	J251153-015	-	HANDPURGE	-	SG	X					1	
SV-15-20250403	3	3780	4/3/25	12:32	12:37	J251153-016	200	SAMPLER.1	M100.603	SG	X				<2	1	

Representative Signature	Printed Name	Laboratory Signature	Printed Name: Albert Aceves
Company: 0	Date: 4/3/2025 Time	Company: JONES ENVIRONMENTAL, INC.	Date: 4/3/2025 Time
Representative Signature	Printed Name	Laboratory Signature	Printed Name
Company	Date Time	Company	Date Time

6 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

FIXED BASE LAB REPORT

eurofins | Air Toxics

Analytical Report

4/11/2025
Mr. Tommy Winger
Ramboll
1111 Broadway
Suite 1400
Oakland CA 94607

Project Name: CCI San Leandro: 3199 Alvarado
Project #: 1940111690
Workorder #: 2504081

Dear Mr. Tommy Winger

The following report includes the data for the above referenced project for sample(s) received on 4/4/2025 at Eurofins Air Toxics LLC.

The data and associated QC analyzed by TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics LLC. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Regginette Whitson at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

R. Whitson

Regginette Whitson

Project Manager

eurofins | Air Toxics

WORK ORDER #: 2504081

Work Order Summary

CLIENT:	Mr. Tommy Winger Ramboll 1111 Broadway Suite 1400 Oakland, CA 94607	**BILL TO:**	Accounts Payable-Oakland Ramboll 1111 Broadway Suite 1400 Oakland, CA 94607
PHONE:	510-655-7400	**P.O. #**	
FAX:	510-655-9517	**PROJECT #**	1940111690 CCI San Leandro: 3199 Alvarado
DATE RECEIVED:	04/04/2025	**CONTACT:**	Regginette Whitson
DATE COMPLETED:	04/11/2025		

FRACTION #	NAME	TEST	RECEIPT VAC./PRES.	FINAL PRESSURE
01A	AAB-20250403	TO-15	4.5 "Hg	10 psi
02A	VP-10-20250403-Rep	TO-15	1.5 "Hg	10 psi
03A	SV-15-20250403-Rep	TO-15	3.5 "Hg	10 psi
04A	Lab Blank	TO-15	NA	NA
04B	Lab Blank	TO-15	NA	NA
05A	CCV	TO-15	NA	NA
05B	CCV	TO-15	NA	NA
06A	LCS	TO-15	NA	NA
06AA	LCSD	TO-15	NA	NA
06B	LCS	TO-15	NA	NA
06BB	LCSD	TO-15	NA	NA

CERTIFIED BY: Heidi Hayes DATE: 04/11/25

Technical Director

Cert. No.: AZ Licensure-AZ0775, FL NELAP-E87680, LA NELAP–02089, MN NELAP-2836569, NH NELAP–209224-A, NJ NELAP-CA016, NY NELAP-11291, TX NELAP-T104704434, UT NELAP-CA009332023-16, VA NELAP-13180, WA NELAP-C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program) CA300005-21
Eurofins Environment Testing Northern California, LLC certifies that the test results contained in this report meet all requirements of the 2016 TNI Standard.

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, LLC.

LABORATORY NARRATIVE
EPA Method TO-15
Ramboll
Workorder# 2504081

Three 1 Liter Summa Canister (100% Certified) samples were received on April 04, 2025. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

Definition of Data Qualifying Flags

Ten qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

M - Reported value may be biased due to apparent matrix interferences.

CN - See Case Narrative.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: AAB-20250403

Lab ID#: 2504081-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Ethanol	9.9	15	19	29

Client Sample ID: VP-10-20250403-Rep

Lab ID#: 2504081-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 113	0.88	1.3	6.8	10
Acetone	8.8	20	21	48
Hexane	0.88	1.1	3.1	3.9
Toluene	1.8	4.5	6.7	17
Tetrachloroethene	0.88	28	6.0	190
Ethyl Benzene	0.88	0.89	3.8	3.9
m,p-Xylene	1.8	3.6	7.7	16
o-Xylene	0.88	1.3	3.8	5.7

Client Sample ID: SV-15-20250403-Rep

Lab ID#: 2504081-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.95	3.2	2.4	8.2
Acetone	9.5	13	22	32
Carbon Disulfide	3.8	4.3	12	13
Hexane	0.95	3.0	3.3	10
cis-1,2-Dichloroethene	0.95	2.0	3.8	8.1
Cyclohexane	0.95	2.5	3.3	8.6
2,2,4-Trimethylpentane	0.95	16	4.4	76
Benzene	0.95	3.5	3.0	11
Heptane	0.95	2.4	3.9	9.8
Toluene	1.9	2.9	7.2	11
Ethyl Benzene	0.95	1.2	4.1	5.3
m,p-Xylene	1.9	6.2	8.2	27
o-Xylene	0.95	0.97	4.1	4.2
Propylbenzene	0.95	1.5	4.7	7.3

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Summary of Detected Compounds
EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: SV-15-20250403-Rep

Lab ID#: 2504081-03A

1,3,5-Trimethylbenzene	0.95	1.3	4.7	6.6
1,2,4-Trimethylbenzene	0.95	2.5	4.7	12

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Client Sample ID: AAB-20250403

Lab ID#: 2504081-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040937**	**Date of Collection:**	**4/3/25 11:31:00 AM**
Dil. Factor:	**1.98**	**Date of Analysis:**	**4/10/25 11:43 AM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.99	Not Detected	4.9	Not Detected
Freon 114	0.99	Not Detected	6.9	Not Detected
Chloromethane	9.9	Not Detected	20	Not Detected
Vinyl Chloride	0.99	Not Detected	2.5	Not Detected
1,3-Butadiene	0.99	Not Detected	2.2	Not Detected
Bromomethane	9.9	Not Detected	38	Not Detected
Chloroethane	4.0	Not Detected	10	Not Detected
Freon 11	0.99	Not Detected	5.6	Not Detected
Ethanol	9.9	15	19	29
Freon 113	0.99	Not Detected	7.6	Not Detected
1,1-Dichloroethene	0.99	Not Detected	3.9	Not Detected
Acetone	9.9	Not Detected	24	Not Detected
2-Propanol	4.0	Not Detected	9.7	Not Detected
Carbon Disulfide	4.0	Not Detected	12	Not Detected
3-Chloropropene	4.0	Not Detected	12	Not Detected
Methylene Chloride	9.9	Not Detected	34	Not Detected
Methyl tert-butyl ether	4.0	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	0.99	Not Detected	3.9	Not Detected
Hexane	0.99	Not Detected	3.5	Not Detected
1,1-Dichloroethane	0.99	Not Detected	4.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.0	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	0.99	Not Detected	3.9	Not Detected
Tetrahydrofuran	0.99	Not Detected	2.9	Not Detected
Chloroform	0.99	Not Detected	4.8	Not Detected
1,1,1-Trichloroethane	0.99	Not Detected	5.4	Not Detected
Cyclohexane	0.99	Not Detected	3.4	Not Detected
Carbon Tetrachloride	0.99	Not Detected	6.2	Not Detected
2,2,4-Trimethylpentane	0.99	Not Detected	4.6	Not Detected
Benzene	0.99	Not Detected	3.2	Not Detected
1,2-Dichloroethane	0.99	Not Detected	4.0	Not Detected
Heptane	0.99	Not Detected	4.0	Not Detected
Trichloroethene	0.99	Not Detected	5.3	Not Detected
1,2-Dichloropropane	0.99	Not Detected	4.6	Not Detected
1,4-Dioxane	4.0	Not Detected	14	Not Detected
Bromodichloromethane	0.99	Not Detected	6.6	Not Detected
cis-1,3-Dichloropropene	0.99	Not Detected	4.5	Not Detected
4-Methyl-2-pentanone	0.99	Not Detected	4.0	Not Detected
Toluene	2.0	Not Detected	7.5	Not Detected
trans-1,3-Dichloropropene	0.99	Not Detected	4.5	Not Detected
1,1,2-Trichloroethane	0.99	Not Detected	5.4	Not Detected
Tetrachloroethene	0.99	Not Detected	6.7	Not Detected
2-Hexanone	4.0	Not Detected	16	Not Detected

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Client Sample ID: AAB-20250403

Lab ID#: 2504081-01A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040937**	**Date of Collection: 4/3/25 11:31:00 AM**	
Dil. Factor:	**1.98**	**Date of Analysis: 4/10/25 11:43 AM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.99	Not Detected	8.4	Not Detected
1,2-Dibromoethane (EDB)	0.99	Not Detected	7.6	Not Detected
Chlorobenzene	0.99	Not Detected	4.6	Not Detected
Ethyl Benzene	0.99	Not Detected	4.3	Not Detected
m,p-Xylene	2.0	Not Detected	8.6	Not Detected
o-Xylene	0.99	Not Detected	4.3	Not Detected
Styrene	0.99	Not Detected	4.2	Not Detected
Bromoform	0.99	Not Detected	10	Not Detected
Cumene	0.99	Not Detected	4.9	Not Detected
1,1,2,2-Tetrachloroethane	0.99	Not Detected	6.8	Not Detected
Propylbenzene	0.99	Not Detected	4.9	Not Detected
4-Ethyltoluene	0.99	Not Detected	4.9	Not Detected
1,3,5-Trimethylbenzene	0.99	Not Detected	4.9	Not Detected
1,2,4-Trimethylbenzene	0.99	Not Detected	4.9	Not Detected
1,3-Dichlorobenzene	0.99	Not Detected	6.0	Not Detected
1,4-Dichlorobenzene	0.99	Not Detected	6.0	Not Detected
alpha-Chlorotoluene	0.99	Not Detected	5.1	Not Detected
1,2-Dichlorobenzene	0.99	Not Detected	6.0	Not Detected
1,2,4-Trichlorobenzene	4.0	Not Detected	29	Not Detected
Hexachlorobutadiene	4.0	Not Detected	42	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	88	70-130

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Client Sample ID: VP-10-20250403-Rep

Lab ID#: 2504081-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040938**	**Date of Collection:**	**4/3/25 11:57:00 AM**
Dil. Factor:	**1.77**	**Date of Analysis:**	**4/10/25 12:12 PM**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.88	Not Detected	4.4	Not Detected
Freon 114	0.88	Not Detected	6.2	Not Detected
Chloromethane	8.8	Not Detected	18	Not Detected
Vinyl Chloride	0.88	Not Detected	2.3	Not Detected
1,3-Butadiene	0.88	Not Detected	2.0	Not Detected
Bromomethane	8.8	Not Detected	34	Not Detected
Chloroethane	3.5	Not Detected	9.3	Not Detected
Freon 11	0.88	Not Detected	5.0	Not Detected
Ethanol	8.8	Not Detected	17	Not Detected
Freon 113	0.88	1.3	6.8	10
1,1-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Acetone	8.8	20	21	48
2-Propanol	3.5	Not Detected	8.7	Not Detected
Carbon Disulfide	3.5	Not Detected	11	Not Detected
3-Chloropropene	3.5	Not Detected	11	Not Detected
Methylene Chloride	8.8	Not Detected	31	Not Detected
Methyl tert-butyl ether	3.5	Not Detected	13	Not Detected
trans-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Hexane	0.88	1.1	3.1	3.9
1,1-Dichloroethane	0.88	Not Detected	3.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.5	Not Detected	10	Not Detected
cis-1,2-Dichloroethene	0.88	Not Detected	3.5	Not Detected
Tetrahydrofuran	0.88	Not Detected	2.6	Not Detected
Chloroform	0.88	Not Detected	4.3	Not Detected
1,1,1-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Cyclohexane	0.88	Not Detected	3.0	Not Detected
Carbon Tetrachloride	0.88	Not Detected	5.6	Not Detected
2,2,4-Trimethylpentane	0.88	Not Detected	4.1	Not Detected
Benzene	0.88	Not Detected	2.8	Not Detected
1,2-Dichloroethane	0.88	Not Detected	3.6	Not Detected
Heptane	0.88	Not Detected	3.6	Not Detected
Trichloroethene	0.88	Not Detected	4.8	Not Detected
1,2-Dichloropropane	0.88	Not Detected	4.1	Not Detected
1,4-Dioxane	3.5	Not Detected	13	Not Detected
Bromodichloromethane	0.88	Not Detected	5.9	Not Detected
cis-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
4-Methyl-2-pentanone	0.88	Not Detected	3.6	Not Detected
Toluene	1.8	4.5	6.7	17
trans-1,3-Dichloropropene	0.88	Not Detected	4.0	Not Detected
1,1,2-Trichloroethane	0.88	Not Detected	4.8	Not Detected
Tetrachloroethene	0.88	28	6.0	190
2-Hexanone	3.5	Not Detected	14	Not Detected

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Client Sample ID: VP-10-20250403-Rep

Lab ID#: 2504081-02A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040938**	**Date of Collection: 4/3/25 11:57:00 AM**	
Dil. Factor:	**1.77**	**Date of Analysis: 4/10/25 12:12 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.88	Not Detected	7.5	Not Detected
1,2-Dibromoethane (EDB)	0.88	Not Detected	6.8	Not Detected
Chlorobenzene	0.88	Not Detected	4.1	Not Detected
Ethyl Benzene	0.88	0.89	3.8	3.9
m,p-Xylene	1.8	3.6	7.7	16
o-Xylene	0.88	1.3	3.8	5.7
Styrene	0.88	Not Detected	3.8	Not Detected
Bromoform	0.88	Not Detected	9.1	Not Detected
Cumene	0.88	Not Detected	4.4	Not Detected
1,1,2,2-Tetrachloroethane	0.88	Not Detected	6.1	Not Detected
Propylbenzene	0.88	Not Detected	4.4	Not Detected
4-Ethyltoluene	0.88	Not Detected	4.4	Not Detected
1,3,5-Trimethylbenzene	0.88	Not Detected	4.4	Not Detected
1,2,4-Trimethylbenzene	0.88	Not Detected	4.4	Not Detected
1,3-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,4-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
alpha-Chlorotoluene	0.88	Not Detected	4.6	Not Detected
1,2-Dichlorobenzene	0.88	Not Detected	5.3	Not Detected
1,2,4-Trichlorobenzene	3.5	Not Detected	26	Not Detected
Hexachlorobutadiene	3.5	Not Detected	38	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	89	70-130

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Client Sample ID: SV-15-20250403-Rep

Lab ID#: 2504081-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041010**	**Date of Collection: 4/3/25 11:51:00 AM**	
Dil. Factor:	**1.90**	**Date of Analysis: 4/10/25 07:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.95	Not Detected	4.7	Not Detected
Freon 114	0.95	Not Detected	6.6	Not Detected
Chloromethane	9.5	Not Detected	20	Not Detected
Vinyl Chloride	0.95	3.2	2.4	8.2
1,3-Butadiene	0.95	Not Detected	2.1	Not Detected
Bromomethane	9.5	Not Detected	37	Not Detected
Chloroethane	3.8	Not Detected	10	Not Detected
Freon 11	0.95	Not Detected	5.3	Not Detected
Ethanol	9.5	Not Detected	18	Not Detected
Freon 113	0.95	Not Detected	7.3	Not Detected
1,1-Dichloroethene	0.95	Not Detected	3.8	Not Detected
Acetone	9.5	13	22	32
2-Propanol	3.8	Not Detected	9.3	Not Detected
Carbon Disulfide	3.8	4.3	12	13
3-Chloropropene	3.8	Not Detected	12	Not Detected
Methylene Chloride	9.5	Not Detected	33	Not Detected
Methyl tert-butyl ether	3.8	Not Detected	14	Not Detected
trans-1,2-Dichloroethene	0.95	Not Detected	3.8	Not Detected
Hexane	0.95	3.0	3.3	10
1,1-Dichloroethane	0.95	Not Detected	3.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	3.8	Not Detected	11	Not Detected
cis-1,2-Dichloroethene	0.95	2.0	3.8	8.1
Tetrahydrofuran	0.95	Not Detected	2.8	Not Detected
Chloroform	0.95	Not Detected	4.6	Not Detected
1,1,1-Trichloroethane	0.95	Not Detected	5.2	Not Detected
Cyclohexane	0.95	2.5	3.3	8.6
Carbon Tetrachloride	0.95	Not Detected	6.0	Not Detected
2,2,4-Trimethylpentane	0.95	16	4.4	76
Benzene	0.95	3.5	3.0	11
1,2-Dichloroethane	0.95	Not Detected	3.8	Not Detected
Heptane	0.95	2.4	3.9	9.8
Trichloroethene	0.95	Not Detected	5.1	Not Detected
1,2-Dichloropropane	0.95	Not Detected	4.4	Not Detected
1,4-Dioxane	3.8	Not Detected	14	Not Detected
Bromodichloromethane	0.95	Not Detected	6.4	Not Detected
cis-1,3-Dichloropropene	0.95	Not Detected	4.3	Not Detected
4-Methyl-2-pentanone	0.95	Not Detected	3.9	Not Detected
Toluene	1.9	2.9	7.2	11
trans-1,3-Dichloropropene	0.95	Not Detected	4.3	Not Detected
1,1,2-Trichloroethane	0.95	Not Detected	5.2	Not Detected
Tetrachloroethene	0.95	Not Detected	6.4	Not Detected
2-Hexanone	3.8	Not Detected	16	Not Detected

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Client Sample ID: SV-15-20250403-Rep

Lab ID#: 2504081-03A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041010**	**Date of Collection: 4/3/25 11:51:00 AM**	
Dil. Factor:	**1.90**	**Date of Analysis: 4/10/25 07:09 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.95	Not Detected	8.1	Not Detected
1,2-Dibromoethane (EDB)	0.95	Not Detected	7.3	Not Detected
Chlorobenzene	0.95	Not Detected	4.4	Not Detected
Ethyl Benzene	0.95	1.2	4.1	5.3
m,p-Xylene	1.9	6.2	8.2	27
o-Xylene	0.95	0.97	4.1	4.2
Styrene	0.95	Not Detected	4.0	Not Detected
Bromoform	0.95	Not Detected	9.8	Not Detected
Cumene	0.95	Not Detected	4.7	Not Detected
1,1,2,2-Tetrachloroethane	0.95	Not Detected	6.5	Not Detected
Propylbenzene	0.95	1.5	4.7	7.3
4-Ethyltoluene	0.95	Not Detected	4.7	Not Detected
1,3,5-Trimethylbenzene	0.95	1.3	4.7	6.6
1,2,4-Trimethylbenzene	0.95	2.5	4.7	12
1,3-Dichlorobenzene	0.95	Not Detected	5.7	Not Detected
1,4-Dichlorobenzene	0.95	Not Detected	5.7	Not Detected
alpha-Chlorotoluene	0.95	Not Detected	4.9	Not Detected
1,2-Dichlorobenzene	0.95	Not Detected	5.7	Not Detected
1,2,4-Trichlorobenzene	3.8	Not Detected	28	Not Detected
Hexachlorobutadiene	3.8	Not Detected	40	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	92	70-130
1,2-Dichloroethane-d4	98	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2504081-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040916f**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 09:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 2504081-04A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040916f**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 09:11 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	114	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: Lab Blank

Lab ID#: 2504081-04B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 05:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	5.0	Not Detected	10	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	5.0	Not Detected	19	Not Detected
Chloroethane	2.0	Not Detected	5.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	5.0	Not Detected	9.4	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	5.0	Not Detected	12	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	2.0	Not Detected	6.2	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	5.0	Not Detected	17	Not Detected
Methyl tert-butyl ether	2.0	Not Detected	7.2	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.0	Not Detected	5.9	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	1.0	Not Detected	3.8	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 2504081-04B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041008**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 05:25 PM**	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	1.0	Not Detected	4.3	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	93	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	90	70-130

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Client Sample ID: CCV

Lab ID#: 2504081-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040913**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 07:50 PM**

Compound	%Recovery
Freon 12	110
Freon 114	99
Chloromethane	96
Vinyl Chloride	104
1,3-Butadiene	105
Bromomethane	98
Chloroethane	102
Freon 11	103
Ethanol	106
Freon 113	105
1,1-Dichloroethene	103
Acetone	109
2-Propanol	102
Carbon Disulfide	94
3-Chloropropene	110
Methylene Chloride	98
Methyl tert-butyl ether	107
trans-1,2-Dichloroethene	100
Hexane	109
1,1-Dichloroethane	104
2-Butanone (Methyl Ethyl Ketone)	107
cis-1,2-Dichloroethene	106
Tetrahydrofuran	104
Chloroform	100
1,1,1-Trichloroethane	106
Cyclohexane	106
Carbon Tetrachloride	104
2,2,4-Trimethylpentane	109
Benzene	103
1,2-Dichloroethane	107
Heptane	110
Trichloroethene	104
1,2-Dichloropropane	107
1,4-Dioxane	101
Bromodichloromethane	110
cis-1,3-Dichloropropene	108
4-Methyl-2-pentanone	97
Toluene	100
trans-1,3-Dichloropropene	116
1,1,2-Trichloroethane	104
Tetrachloroethene	105
2-Hexanone	102

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Client Sample ID: CCV

Lab ID#: 2504081-05A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040913**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 07:50 PM**	

Compound	%Recovery
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	109
Chlorobenzene	104
Ethyl Benzene	108
m,p-Xylene	111
o-Xylene	112
Styrene	114
Bromoform	112
Cumene	114
1,1,2,2-Tetrachloroethane	107
Propylbenzene	109
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	110
1,2,4-Trimethylbenzene	114
1,3-Dichlorobenzene	107
1,4-Dichlorobenzene	111
alpha-Chlorotoluene	116
1,2-Dichlorobenzene	107
1,2,4-Trichlorobenzene	104
Hexachlorobutadiene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	93	70-130

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Client Sample ID: CCV

Lab ID#: 2504081-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041004**	**Date of Collection: NA**
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 03:37 PM**

Compound	%Recovery
Freon 12	101
Freon 114	100
Chloromethane	78
Vinyl Chloride	91
1,3-Butadiene	88
Bromomethane	94
Chloroethane	85
Freon 11	100
Ethanol	82
Freon 113	108
1,1-Dichloroethene	100
Acetone	82
2-Propanol	83
Carbon Disulfide	81
3-Chloropropene	97
Methylene Chloride	78
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	98
Hexane	94
1,1-Dichloroethane	89
2-Butanone (Methyl Ethyl Ketone)	89
cis-1,2-Dichloroethene	101
Tetrahydrofuran	78
Chloroform	89
1,1,1-Trichloroethane	103
Cyclohexane	99
Carbon Tetrachloride	102
2,2,4-Trimethylpentane	91
Benzene	88
1,2-Dichloroethane	93
Heptane	93
Trichloroethene	100
1,2-Dichloropropane	88
1,4-Dioxane	94
Bromodichloromethane	98
cis-1,3-Dichloropropene	94
4-Methyl-2-pentanone	80
Toluene	94
trans-1,3-Dichloropropene	98
1,1,2-Trichloroethane	99
Tetrachloroethene	104
2-Hexanone	82

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Client Sample ID: CCV

Lab ID#: 2504081-05B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041004**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 03:37 PM**	

Compound	%Recovery
Dibromochloromethane	108
1,2-Dibromoethane (EDB)	102
Chlorobenzene	101
Ethyl Benzene	106
m,p-Xylene	108
o-Xylene	110
Styrene	109
Bromoform	106
Cumene	110
1,1,2,2-Tetrachloroethane	91
Propylbenzene	107
4-Ethyltoluene	108
1,3,5-Trimethylbenzene	109
1,2,4-Trimethylbenzene	113
1,3-Dichlorobenzene	104
1,4-Dichlorobenzene	104
alpha-Chlorotoluene	103
1,2-Dichlorobenzene	102
1,2,4-Trichlorobenzene	105
Hexachlorobutadiene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: LCS

Lab ID#: 2504081-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040914**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 08:16 PM**	

Compound	%Recovery	Method Limits
Freon 12	106	70-130
Freon 114	97	70-130
Chloromethane	96	70-130
Vinyl Chloride	106	70-130
1,3-Butadiene	105	70-130
Bromomethane	100	70-130
Chloroethane	102	70-130
Freon 11	103	70-130
Ethanol	105	70-130
Freon 113	100	70-130
1,1-Dichloroethene	98	70-130
Acetone	108	70-130
2-Propanol	112	70-130
Carbon Disulfide	92	70-130
3-Chloropropene	109	70-130
Methylene Chloride	96	70-130
Methyl tert-butyl ether	108	70-130
trans-1,2-Dichloroethene	101	70-130
Hexane	107	70-130
1,1-Dichloroethane	104	70-130
2-Butanone (Methyl Ethyl Ketone)	106	70-130
cis-1,2-Dichloroethene	106	70-130
Tetrahydrofuran	104	70-130
Chloroform	98	70-130
1,1,1-Trichloroethane	107	70-130
Cyclohexane	108	70-130
Carbon Tetrachloride	102	70-130
2,2,4-Trimethylpentane	111	70-130
Benzene	103	70-130
1,2-Dichloroethane	107	70-130
Heptane	105	70-130
Trichloroethene	101	70-130
1,2-Dichloropropane	107	70-130
1,4-Dioxane	98	70-130
Bromodichloromethane	107	70-130
cis-1,3-Dichloropropene	108	70-130
4-Methyl-2-pentanone	96	70-130
Toluene	98	70-130
trans-1,3-Dichloropropene	117	70-130
1,1,2-Trichloroethane	102	70-130
Tetrachloroethene	102	70-130
2-Hexanone	99	70-130

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Client Sample ID: LCS

Lab ID#: 2504081-06A

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040914**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 08:16 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	110	70-130
1,2-Dibromoethane (EDB)	107	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	110	70-130
o-Xylene	109	70-130
Styrene	112	70-130
Bromoform	109	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	107	70-130
Propylbenzene	106	70-130
4-Ethyltoluene	108	70-130
1,3,5-Trimethylbenzene	110	70-130
1,2,4-Trimethylbenzene	114	70-130
1,3-Dichlorobenzene	106	70-130
1,4-Dichlorobenzene	109	70-130
alpha-Chlorotoluene	117	70-130
1,2-Dichlorobenzene	106	70-130
1,2,4-Trichlorobenzene	128	70-130
Hexachlorobutadiene	119	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	91	70-130

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Client Sample ID: LCSD

Lab ID#: 2504081-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040915**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 08:42 PM**	

Compound	%Recovery	Method Limits
Freon 12	108	70-130
Freon 114	97	70-130
Chloromethane	93	70-130
Vinyl Chloride	104	70-130
1,3-Butadiene	102	70-130
Bromomethane	97	70-130
Chloroethane	99	70-130
Freon 11	103	70-130
Ethanol	103	70-130
Freon 113	100	70-130
1,1-Dichloroethene	98	70-130
Acetone	106	70-130
2-Propanol	107	70-130
Carbon Disulfide	91	70-130
3-Chloropropene	105	70-130
Methylene Chloride	97	70-130
Methyl tert-butyl ether	108	70-130
trans-1,2-Dichloroethene	102	70-130
Hexane	106	70-130
1,1-Dichloroethane	102	70-130
2-Butanone (Methyl Ethyl Ketone)	105	70-130
cis-1,2-Dichloroethene	106	70-130
Tetrahydrofuran	104	70-130
Chloroform	99	70-130
1,1,1-Trichloroethane	110	70-130
Cyclohexane	108	70-130
Carbon Tetrachloride	105	70-130
2,2,4-Trimethylpentane	111	70-130
Benzene	102	70-130
1,2-Dichloroethane	109	70-130
Heptane	107	70-130
Trichloroethene	104	70-130
1,2-Dichloropropane	106	70-130
1,4-Dioxane	99	70-130
Bromodichloromethane	109	70-130
cis-1,3-Dichloropropene	110	70-130
4-Methyl-2-pentanone	95	70-130
Toluene	99	70-130
trans-1,3-Dichloropropene	116	70-130
1,1,2-Trichloroethane	105	70-130
Tetrachloroethene	103	70-130
2-Hexanone	100	70-130

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Client Sample ID: LCSD

Lab ID#: 2504081-06AA

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91040915**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/9/25 08:42 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	110	70-130
1,2-Dibromoethane (EDB)	106	70-130
Chlorobenzene	103	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	110	70-130
o-Xylene	110	70-130
Styrene	114	70-130
Bromoform	111	70-130
Cumene	112	70-130
1,1,2,2-Tetrachloroethane	106	70-130
Propylbenzene	107	70-130
4-Ethyltoluene	110	70-130
1,3,5-Trimethylbenzene	110	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3-Dichlorobenzene	108	70-130
1,4-Dichlorobenzene	110	70-130
alpha-Chlorotoluene	120	70-130
1,2-Dichlorobenzene	107	70-130
1,2,4-Trichlorobenzene	134 Q	70-130
Hexachlorobutadiene	125	70-130

Q = Exceeds Quality Control limits.

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	101	70-130
4-Bromofluorobenzene	94	70-130

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Client Sample ID: LCS

Lab ID#: 2504081-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 04:03 PM**	

Compound	%Recovery	Method Limits
Freon 12	100	70-130
Freon 114	99	70-130
Chloromethane	76	70-130
Vinyl Chloride	90	70-130
1,3-Butadiene	88	70-130
Bromomethane	96	70-130
Chloroethane	86	70-130
Freon 11	100	70-130
Ethanol	82	70-130
Freon 113	104	70-130
1,1-Dichloroethene	97	70-130
Acetone	82	70-130
2-Propanol	93	70-130
Carbon Disulfide	80	70-130
3-Chloropropene	97	70-130
Methylene Chloride	76	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	98	70-130
Hexane	92	70-130
1,1-Dichloroethane	88	70-130
2-Butanone (Methyl Ethyl Ketone)	92	70-130
cis-1,2-Dichloroethene	102	70-130
Tetrahydrofuran	79	70-130
Chloroform	87	70-130
1,1,1-Trichloroethane	103	70-130
Cyclohexane	99	70-130
Carbon Tetrachloride	102	70-130
2,2,4-Trimethylpentane	93	70-130
Benzene	91	70-130
1,2-Dichloroethane	94	70-130
Heptane	92	70-130
Trichloroethene	97	70-130
1,2-Dichloropropane	86	70-130
1,4-Dioxane	93	70-130
Bromodichloromethane	97	70-130
cis-1,3-Dichloropropene	94	70-130
4-Methyl-2-pentanone	79	70-130
Toluene	93	70-130
trans-1,3-Dichloropropene	101	70-130
1,1,2-Trichloroethane	98	70-130
Tetrachloroethene	104	70-130
2-Hexanone	83	70-130

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Client Sample ID: LCS

Lab ID#: 2504081-06B

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041005**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 04:03 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	109	70-130
1,2-Dibromoethane (EDB)	102	70-130
Chlorobenzene	102	70-130
Ethyl Benzene	108	70-130
m,p-Xylene	109	70-130
o-Xylene	110	70-130
Styrene	109	70-130
Bromoform	105	70-130
Cumene	110	70-130
1,1,2,2-Tetrachloroethane	92	70-130
Propylbenzene	108	70-130
4-Ethyltoluene	107	70-130
1,3,5-Trimethylbenzene	110	70-130
1,2,4-Trimethylbenzene	115	70-130
1,3-Dichlorobenzene	105	70-130
1,4-Dichlorobenzene	107	70-130
alpha-Chlorotoluene	104	70-130
1,2-Dichlorobenzene	104	70-130
1,2,4-Trichlorobenzene	128	70-130
Hexachlorobutadiene	125	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	96	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	92	70-130

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Client Sample ID: LCSD

Lab ID#: 2504081-06BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 04:29 PM**	

Compound	%Recovery	Method Limits
Freon 12	99	70-130
Freon 114	98	70-130
Chloromethane	77	70-130
Vinyl Chloride	91	70-130
1,3-Butadiene	86	70-130
Bromomethane	94	70-130
Chloroethane	85	70-130
Freon 11	98	70-130
Ethanol	80	70-130
Freon 113	102	70-130
1,1-Dichloroethene	96	70-130
Acetone	82	70-130
2-Propanol	91	70-130
Carbon Disulfide	80	70-130
3-Chloropropene	95	70-130
Methylene Chloride	76	70-130
Methyl tert-butyl ether	98	70-130
trans-1,2-Dichloroethene	98	70-130
Hexane	91	70-130
1,1-Dichloroethane	88	70-130
2-Butanone (Methyl Ethyl Ketone)	88	70-130
cis-1,2-Dichloroethene	100	70-130
Tetrahydrofuran	78	70-130
Chloroform	87	70-130
1,1,1-Trichloroethane	103	70-130
Cyclohexane	98	70-130
Carbon Tetrachloride	101	70-130
2,2,4-Trimethylpentane	92	70-130
Benzene	90	70-130
1,2-Dichloroethane	93	70-130
Heptane	93	70-130
Trichloroethene	94	70-130
1,2-Dichloropropane	87	70-130
1,4-Dioxane	93	70-130
Bromodichloromethane	94	70-130
cis-1,3-Dichloropropene	95	70-130
4-Methyl-2-pentanone	79	70-130
Toluene	93	70-130
trans-1,3-Dichloropropene	101	70-130
1,1,2-Trichloroethane	98	70-130
Tetrachloroethene	104	70-130
2-Hexanone	85	70-130

eurofins | Air Toxics

Client Sample ID: LCSD

Lab ID#: 2504081-06BB

EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	**91041006**	**Date of Collection: NA**	
Dil. Factor:	**1.00**	**Date of Analysis: 4/10/25 04:29 PM**	

Compound	%Recovery	Method Limits
Dibromochloromethane	108	70-130
1,2-Dibromoethane (EDB)	100	70-130
Chlorobenzene	101	70-130
Ethyl Benzene	105	70-130
m,p-Xylene	108	70-130
o-Xylene	109	70-130
Styrene	110	70-130
Bromoform	107	70-130
Cumene	108	70-130
1,1,2,2-Tetrachloroethane	91	70-130
Propylbenzene	108	70-130
4-Ethyltoluene	107	70-130
1,3,5-Trimethylbenzene	109	70-130
1,2,4-Trimethylbenzene	114	70-130
1,3-Dichlorobenzene	106	70-130
1,4-Dichlorobenzene	108	70-130
alpha-Chlorotoluene	104	70-130
1,2-Dichlorobenzene	105	70-130
1,2,4-Trichlorobenzene	129	70-130
Hexachlorobutadiene	125	70-130

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	95	70-130
1,2-Dichloroethane-d4	89	70-130
4-Bromofluorobenzene	93	70-130

eurofins | Air Toxics

Method : TO-15

CAS Number	Compound	Rpt. Limit (ppbv)
75-71-8	Freon 12	0.50
76-14-2	Freon 114	0.50
74-87-3	Chloromethane	5.0
75-01-4	Vinyl Chloride	0.50
106-99-0	1,3-Butadiene	0.50
74-83-9	Bromomethane	5.0
75-00-3	Chloroethane	2.0
75-69-4	Freon 11	0.50
64-17-5	Ethanol	5.0
76-13-1	Freon 113	0.50
75-35-4	1,1-Dichloroethene	0.50
67-64-1	Acetone	5.0
67-63-0	2-Propanol	2.0
75-15-0	Carbon Disulfide	2.0
107-05-1	3-Chloropropene	2.0
75-09-2	Methylene Chloride	5.0
1634-04-4	Methyl tert-butyl ether	2.0
156-60-5	trans-1,2-Dichloroethene	0.50
110-54-3	Hexane	0.50
75-34-3	1,1-Dichloroethane	0.50
78-93-3	2-Butanone (Methyl Ethyl Ketone)	2.0
156-59-2	cis-1,2-Dichloroethene	0.50
109-99-9	Tetrahydrofuran	0.50
67-66-3	Chloroform	0.50
71-55-6	1,1,1-Trichloroethane	0.50
110-82-7	Cyclohexane	0.50
56-23-5	Carbon Tetrachloride	0.50
540-84-1	2,2,4-Trimethylpentane	0.50
71-43-2	Benzene	0.50
107-06-2	1,2-Dichloroethane	0.50
142-82-5	Heptane	0.50
79-01-6	Trichloroethene	0.50
78-87-5	1,2-Dichloropropane	0.50
123-91-1	1,4-Dioxane	2.0
75-27-4	Bromodichloromethane	0.50
10061-01-5	cis-1,3-Dichloropropene	0.50
108-10-1	4-Methyl-2-pentanone	0.50
108-88-3	Toluene	1.0
10061-02-6	trans-1,3-Dichloropropene	0.50
79-00-5	1,1,2-Trichloroethane	0.50
127-18-4	Tetrachloroethene	0.50
591-78-6	2-Hexanone	2.0
124-48-1	Dibromochloromethane	0.50
106-93-4	1,2-Dibromoethane (EDB)	0.50

eurofins | Air Toxics

Method : TO-15

CAS Number	Compound	Rpt. Limit (ppbv)
108-90-7	Chlorobenzene	0.50
100-41-4	Ethyl Benzene	0.50
108-38-3	m,p-Xylene	1.0
95-47-6	o-Xylene	0.50
100-42-5	Styrene	0.50
75-25-2	Bromoform	0.50
98-82-8	Cumene	0.50
79-34-5	1,1,2,2-Tetrachloroethane	0.50
103-65-1	Propylbenzene	0.50
622-96-8	4-Ethyltoluene	0.50
108-67-8	1,3,5-Trimethylbenzene	0.50
95-63-6	1,2,4-Trimethylbenzene	0.50
541-73-1	1,3-Dichlorobenzene	0.50
106-46-7	1,4-Dichlorobenzene	0.50
100-44-7	alpha-Chlorotoluene	0.50
95-50-1	1,2-Dichlorobenzene	0.50
120-82-1	1,2,4-Trichlorobenzene	2.0
87-68-3	Hexachlorobutadiene	2.0

	Surrogate	Method Limits
2037-26-5	Toluene-d8	70-130
17060-07-0	1,2-Dichloroethane-d4	70-130
460-00-4	4-Bromofluorobenzene	70-130

ATTACHMENT 2

City of San Leandro, Conditional Use Permit and Administrative Site Plan Review Letter

City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577
www.sanleandro.org

May 2, 2025

Emailed to acoon@waremalcomb.com on 5/2/2025

Annie Coon
Ware Malcomb
4683 Chabot Dr., Ste 300
Pleasanton, CA 94588

SUBJECT: Review Letter for Sub 2 (INCOMPLETE); PLN24-0030, Conditional Use Permit and Administrative Site Plan Review for a New Warehouse (241,400 sf) at 3199 Alvarado St, San Leandro, CA (APNs: 077B-1201-015-00). Zoning District: IG

Dear Annie Coon,

This letter serves as notification that your application submitted on **April 1, 2025** has been determined by this office to be **incomplete and non-compliant**. A resubmittal is necessary to continue an evaluation of your Conditional Use Permit and Administrative Site Plan Review application.

Resubmittal Required. Each department reviewer has listed their review comments below and they have requested a response letter, revised plans, and required documents. Please resubmit your proposal by providing such items and following each reviewer's instructions. Please remember to respond to each comment by both explaining how you have addressed the comment and where specifically on the plan set we can find the required revisions (using standard sheet and drawing number references). All comments in this letter shall be addressed with your resubmittal, prior to further processing of this application, unless otherwise stated herein. When you are ready to resubmit, please follow the specific ***Next Steps*** instructions at the bottom of this letter.

PLANNING: LOURDES JUAREZ, 510-577-3350, LJUAREZ@SANLEANDRO.ORG

MISSING REQUIRED DOCUMENTS AND AGENCY REVIEWS

The following documents (project studies, reports, and analyses) were not submitted; please submit them with your next submittal. All documents shall be completed by the appropriate licensed professional(s), to standard conventions, and providing required recommendations.

1. **Department of Toxic Substances Control (DTSC) Review**. Contact the DTSC and provide the documents below to initiate their review process. If the DTSC review results in additional design requirements for the project, please incorporate said requirements into the design of the project prior to resubmittal. As previously provided, contact for DTSC continues to be Moises Carvalho,

Juan González III, Mayor
City Council: Victor Aguilar, Jr. Bryan Azevedo Peter Ballew
Xouhoa Bowen Fred Simon Sbeydeh Viveros-Walton

Senior Hazardous Substances Engineer in the Site Mitigation and Restoration Program, reachable at (510) 540-3757 and moises.carvalho@dtsc.ca.gov.

a. **[Sub 1 Comment] Phase II Environmental Site Assessment**. This site is located within the boundaries of a contaminant plume known as the DWA Plume, a commingled groundwater plume of volitive organic compounds (VOCs) with an approximate area of 2 miles by 1 mile, in the center portion of San Leandro.
    i. The DWA Plume is identified as ESTOR / EPA ID No. 01990002, and the Lead Cleanup Oversight Agency (Lead Agency) for the plume is the Department of Toxic Substances Control (DTSC). More information about the EWA Plume can be found online at https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=01990002.
    ii. Please be informed that there are eight (8) inactive hazardous waste IDs associated with its address, and waste generation ranges back to 1996.
    iii. Provide a Phase II Environmental Site Assessment that identifies the historical uses of the Property, evaluates potential threats to indoor air of the proposed structure, and evaluates both on-site and off-site threats to human health.

b. **[Sub 1 Comment] Property Transaction Environmental Due Diligence Report**. Provide the environmental due diligence report prepared during the property transaction.

[Sub 2 Comment] Per Mr. Carvalho: *Based on a technical discussion held on March 6, 2025, among property owner's representatives, their technical consultants and DTSC staff, it was determined that a Phase II ESA report would be transmitted to DTSC for review and comment if data obtained during the Phase II investigation indicate certain conditions. The requested documents have not been received*.

RESPONSE	

2. **Alameda County Flood Control District (ACFCD) Review**. The subject property contains an ACFCD easement. The project will impact ACFCD's Zone 9, Line C underground flood control facility. ACFCD needs to review the proposed project.

   [Sub 1 Comment] The applicant (developer and/or property owner) shall submit directly to ACFCD the civil plans for the project, which shall include drainage plan drawings, project drainage analysis/report, and the required deposit to initiate the review. For further information about submittal documents and fees, please contact Fernando B. Gonzales, P.E., Senior Civil Engineer in the ACFCD Development Engineering and Permits Department, at (510) 670-5267 and fernando@acpwa.org.

   [Sub 2 Comment] ACFCD Review has not been completed. Per Mr. Gonzales: *For this project to be included in AFCD's current queue of projects for review, please directly send a review deposit check in the initial amount of $5,000, with that check made payable to the "Treasurer of Alameda County." That review deposit will be charged at cost. Any remainder funds at completion of the review will be refunded. However, should the deposit become depleted prior to completion of our review, we will be requesting replenishment funds. Once ACFCD have completed its review and improvement plans have been approved, an appropriate flood encroachment permit will be issued for the project*.

RESPONSE	

NON-COMPLIANT ITEMS

3. **[Sub 1 Comment] Next Generation Workplace Districts Study (NextGen Study)**. Provide 2-3 Site Plan + Floor Plan diagrammatical hybrid drawings that visually demonstrate how the proposed building and proposed exterior improvements could be used by value-added companies.

   [Sub 2 Comment] Diagrammatical site plans received. As there is a possible redesign, staff will revisit at resubmittal. If there is a redesign, please submit updated plans.

RESPONSE	

4. **[Sub 1 Comment] Assembly Bill 98**. This project is subject to state regulations pursuant to California Government Code Section 65098.1(d), 65098.2, 65098.2.5, and 65098.4. Provide a separate site plan that demonstrates compliance with these regulations, including the required buffer, stacking area, and truck route.

   [Sub 2 Comment] Separate site plan received. As there is a possible redesign, staff will revisit at resubmittal. If there is a redesign, please submit updated plans.

RESPONSE	

MINOR PLAN REVISIONS

5. **All Site Plans**. Please add the following to all base site plans in the Architectural plans (Sheet A101) and the Preliminary Landscaping Plan (Sheet L1.2 of the Landscaping Plans).
   a. Depict, label, and dimension all easements.
   b. Depict and dimension all driveway visibility triangles.

RESPONSE	

6. **Errors.** The property line labels ("e.g., "west PL, etc.") on sheet A320 are incorrect. Please fix.

RESPONSE	

REQUIRED ENVIRONMENTAL REVIEW

This project is subject to environmental review pursuant to the California Environmental Quality Act (CEQA) and the analysis will be performed after the project has been deemed complete. An additional separate deposit will be billed for the preparation of the environmental review. Planning staff will provide additional information regarding the process and fees after your resubmittal and once the project has been deemed complete.

Continued on Next Page

PUBLIC WORKS (ENGINEERING & TRANSPORTATION)

Reviewer: John O'Driscoll, 510-577-3494, jodriscoll@sanleandro.org

No new/additional review comments at this time.

BUILDING & SAFETY

Reviewer: Michael Jeffery, 510-577-3416, mjeffery@sanleandro.org

Review comments will be provided in the next submittal.

ENVIRONMENTAL SERVICES

Reviewer: Andrew Savage; (510) 577-6027; asavage@sanleandro.org

No new/additional review comments at this time.

ALAMEDA COUNTY FIRE DEPARTMENT

Reviewer: Bonnie Terra, 510-632-3473, bonnie.terra@acgov.org

Fire Staff does not recommend that discretionary approval be given until the following issues are addressed and Fire Conditions are issued.

Re-submittal Required – A re-submittal is required for this project. Submit the revised plan along with a copy of any necessary reference materials, cut sheets, listing sheets and calculations. Include a written itemized response to each comment and where in the re-submittal the specific change or information requested can be found.

1. **[Sub 1 Comment]** On the plans show the location of all fire hydrants. They should be spaced to comply with section 507 of the 2022 CFC. The fire flow should show compliance with requirements in Appendix B of the 2022 CFC. **[Update 4/17/25]** Fire flow could not be determined as the type of construction of the building has not been provided.

RESPONSE	

2. **[Sub 1 Comment]** On the plans note the installation of fire pump shall be deferred submittals. Note the fire sprinkler system shall be designed to comply with requirements for high piled storage.

   [Sub 2 Comment 4/17/25] On the plans state that the fire sprinkler system shall be designed to comply with requirements for high piled storage.

RESPONSE	

3. **[Sub 1 Comment]** Please show on the plans the aerial fire department access roads required under Appendix D Section D105 of the 2022 CFC.

   [Sub 2 Comment 4/17/25] On the plans clearly show which side of the building will be used for aerial fire department access

RESPONSE	

4. **[Sub 1 Comment]** Please show on the plans how you are complying with the fire two apparatus access road requirements under Section D104.2 of the 2022 CFC as adopted by the City of San Leandro.

   [Sub 2 Comment 4/17/25] The plans do not comply with Section D104.2 of the 2022 CFC. In order for the plans to comply with this section you would have to reduce the square footage of the building.

RESPONSE	

5. **[Sub 1 Comment]** Please show on the plans how you are complying with the fire apparatus access road requirements for remoteness under D104.3.]

   [Sub 2 Comment 4/17/25] The remoteness requirement is not met.

RESPONSE	

6. **[Sub 1 Comment]** Show the area of the building that will be used for high piled storage.

   [Sub 2 Comment 4/17/25] Response states the area to be used for high piled storage is not yet known, … It cannot be determined if the requirements of Section 3206.7 of the 2022 CFC are met.

RESPONSE	

WATER POLLUTION CONTROL PLANT

Reviewer: Hayes Morehouse, 510-577-3437, hmorehouse@sanleandro.org

1. Provide drawing showing the location of the existing and proposed private sewer lateral from the structure to the City's sewer main.

RESPONSE	

2. Provide documentation of any sewer easements.

RESPONSE	

DISCLAIMER

The City reserves the right to provide additional comments or revise preliminary conditions of approval after responses to this letter are received and/or if the project is redesigned.

NEXT STEP: RESUBMITTAL

After completing the revisions and responding to the comments above, please submit the following items no later than **March 31, 2025** (per §5.5.120), in order for staff to continue processing your application:

- ❑ **Revised Plan Set**: Provide a revised plan set, formatted to print to scale at min. 24" x 36" paper size. Please do not use any clouds or delta symbols. Please update revision dates on all sheets.
- ❑ **Response Letter**: Provide a response letter using this letter and entering responses directly into the response boxes provided. Please respond to each comment by both explaining how you have addressed the comment and where specifically on the plan set we can find the required revisions (using standard sheet and drawing number references). The written responses will not replace items requested to be on the plan set.
- ❑ **Required Documents**: See above, within the body of this letter.
- ❑ **Printed Documents**: Provide:
  - ❑ **one (1)** collated and stapled plan set printed to scale at min. 24" x 36" paper,
  - ❑ **one (1)** collated and stapled plan set printed on 11" x 17" paper,
  - ❑ **two (2)** response letters printed on 8.5" x 11" paper, and
  - ❑ **one (1)** copy of each required document, collated, stapled, and printed on 8.5" x 11" paper.
- ❑ **Digital Documents**: Provide digital files for all the items above. You may email me the documents or submit them online at: https://www.tinyurl.com/FilesForLourdes. Files shall be in PDF format, with non-visible layers removed, and saved at the smallest possible reduced file size while maintaining legibility.

  Name the files:
  - ❑ Sub 3 Plan Set_PLN24-0030.pdf,
  - ❑ Sub 3 Response Ltr_PLN24-0030.pdf,
  - ❑ Sub 3 Phase II ESA_PLN24-0030.pdf, and so on.

If you have any questions or need more information, I may be reached directly at (510) 577-3350 or ljuarez@sanleandro.org. You may also contact each department directly for specific questions related to their comments.

Sincerely,

Lourdes Juarez

Lourdes Juarez, Associate Planner, Planning Division
Community Development Department

ATTACHMENT 3

Soil Boring Permit

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 05/13/2025 By Eneyew

Permit Numbers: W2025-0230
Permits Valid from 05/16/2025 to 05/16/2025

Application Id: 1747176705769 **City of Project Site:** San Leandro
Site Location: 3199 Alvarado St, San Leandro, CA 94578, USA
Project Start Date: 05/16/2025 **Completion Date:** 05/16/2025
Agency Representative: Contact Tony Xiong at (510) 213-9906 or tonyx@grzones.com

Applicant: Roux Associates, Inc. - Joshua Osborne **Phone:** 209-658-4326
555 12th Street, Suite 250, Oakland, CA 94607
Property Owner: Tom Gretz **Phone:** --
222 N. LaSalle Street, Suite 1000, Chicago, IL 64116
Client: ** same as Property Owner **

Total Due: $1125.00
Receipt Number: WR2025-0156 **Total Amount Paid:** $1125.00
Payer Name : Joshua Osborne Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Well Construction-Vapor monitoring well-Vapor monitoring well - 12 Wells
Driller: Penecore Drilling - Lic #: 906899 - Method: Hand **Work Total: $1125.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2025-0230	05/13/2025	08/14/2025	RB-1	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-10	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-11	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-12	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-2	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-3	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-4	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-5	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-6	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-7	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-8	3.00 in.	0.25 in.	3.00 ft	5.00 ft
W2025-0230	05/13/2025	08/14/2025	RB-9	3.00 in.	0.25 in.	3.00 ft	5.00 ft

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not

cancel a drilling permit application after the completion date of the permit issued has passed.

2. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

3. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned.

5. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.

6. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

7. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

8. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

10. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

11. Vapor monitoring wells above water level constructed with tubing maybe be backfilled with pancake-batter consistency bentonite. Minimum surface seal thickness is two inches of cement grout around well box.

Vapor monitoring wells above water level constructed with pvc pipe shall have a minimum seal depth (Neat Cement Seal) of 2 feet below ground surface (BGS). Minimum surface seal thickness is two inches of cement grout around well box. All other conditions for monitoring well construction shall apply.

12. All vapor monitoring well grouting work requires inspection by ACPWA; Except for special circumstances, all work that requires inspection must be performed during the work hours of 9:00 a.m. to 3:30 p.m., Monday through Friday,

except holidays.

ATTACHMENT 4

Boring Logs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

WELL CONSTRUCTION LOG

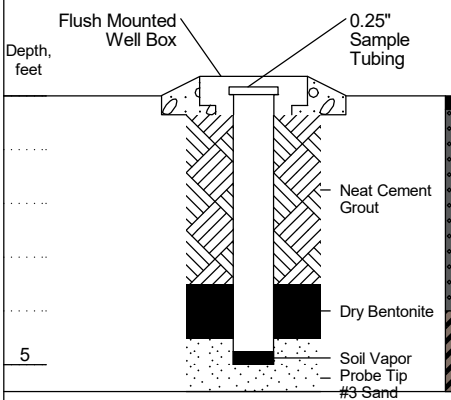
WELL NO.	LATITUDE	LONGITUDE
RB-1	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
Penecore Drilling /	

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.	SCREEN: TYPE	MAT.	TOTAL LENGTH	DIA.	SLOT SIZE
TEFLON TUBING / 0.25"	**NA**	**SS**	**NA** ft	**0.25"**	**NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVELY SAND (SW) Black, moderately dense, moist, subangular, well graded, no odor (30, 55, 15)		0.0 0.0 0.0	
		SANDY CLAY (CH) Brown, very stiff, moist, subangular, plastic, no odor (5, 20, 75)		0.0 0.0	
5		Boring terminated at 5.5 ft bgs			5

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

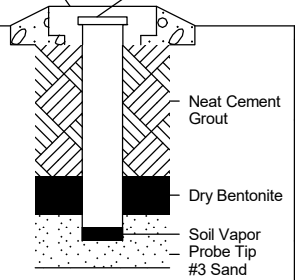
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-10	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVELY SAND (SP) Greyish-brown, loose, moist, subangular, moderately well graded sand, no odor (30, 60, 10)		0.0	
		CLAY with SAND (CH) Black, very stiff, moist, plastic, poorly graded sand, no odor (5, 20, 75)		0.0	
				0.0	
5		**SANDY CLAY (CH)** Greyish-brown, stiff, moist, plastic, poorly graded sand, no odor (0, 30, 70)		0.0	5
		CLAY (CH) Black, very stiff, moist, plastic, poorly graded sand, no odor (5, 10, 85)		0.0	Boring terminated at 5.5 ft bgs

ROUX ASSOCIATES, INC.
Environmental Consulting & Management

209 Shafter Street
Islandia, NY 11749
Telephone: (631) 232-2600
Fax: (631) 232-9898

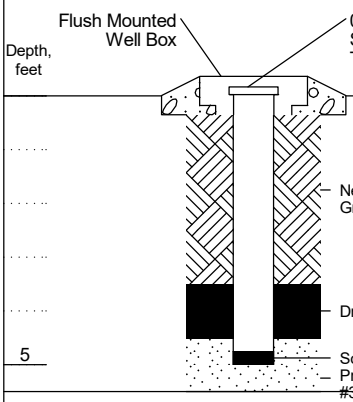
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-11	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		SANDY CLAY (CL) Black, stiff, moist, slightly plastic, poorly graded sand, no odor (5, 35, 60)		0.0	
				0.0	
				0.0	
		SANDY CLAY (CH) Light brown, moderately stiff, moist, plastic, moderately well graded sand, no odor (10, 25, 65)		0.0	
5				0.0	5

Boring terminated at 5.5 ft bgs

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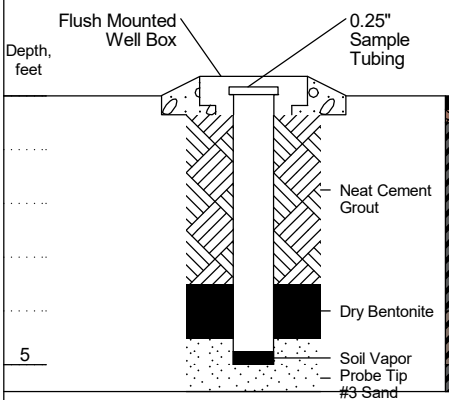
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-12	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		SANDY GRAVEL (GW) Redish-brown, moderately dense, moist, subangular, well graded, no odor (50, 40, 10)		0.0	
		CLAY with SAND and GRAVEL (CH) Black, hard, dry, plastic, poorly graded, no odor (15, 15, 70)		0.0	
				0.0	
		SANDY CLAY (CH) Brown, very stiff, moist, plastic, mderately well graded sand, no odor (5, 40, 55)		0.0	
5		**CLAY with SAND and GRAVEL (CH)** Black, hard, dry, plastic, poorly graded, no odor (15, 15, 70)		0.0	Boring terminated at 5.5 ft bgs

BORING/FEET 5022.0001L000.GPJ ROUX.GDT 6/2/25

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WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-13	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **/**

SCREEN: TYPE MAT. TOTAL LENGTH ft DIA. SLOT SIZE

Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		CLAY (CL) Black, hard, dry, slightly plastic, poorly graded sand, no odor (5, 10, 85)		0.0	
	– Neat Cement Grout	**CLAY with SAND (CL)** Brown, stiff, moist, slightly plastic, poorly graded, no odor (0, 20, 80)		0.0	
				0.0	
	– Dry Bentonite			0.0	
5	Soil Vapor Probe Tip #3 Sand			0.0	5
		Boring terminated at 5.5 ft bgs			

BORING/FEET 5022.0001L000.GPJ ROUX.GDT 6/2/25

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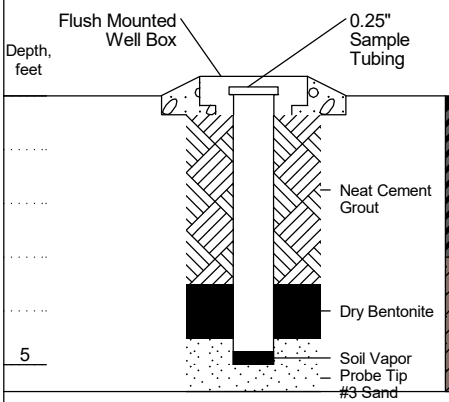
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-2	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		CLAY with SAND (CH) Black with grey mottling, moderately stiff, moist,plastic, no odor (30, 20, 50)		0.0	
				0.0	
		CLAYEY SAND (SC) Brown, dense, moist, subangular, poorly graded, no odor (5, 60, 35)		0.0	
		CLAYEY SAND with GRAVEL (SC) Brown, moderately dense, moist, subangular, poorly graded, no odor (20, 50, 30)		0.0	
5				0.0	5
		Boring terminated at 5.5 ft bgs			

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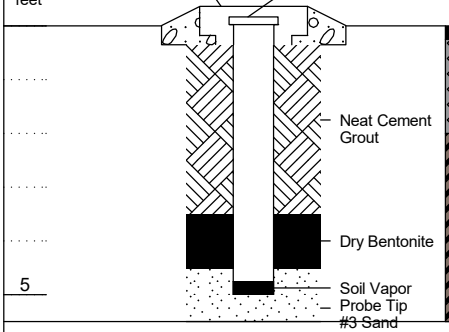
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-3	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVELY SAND (SW) Grey, loose, moist, subangular, well graded, no odor (30, 65, 5)		0.0	
		SANDY CLAY (CH) Brown, stiff, moist, plastic, poorly graded sand, no odor (0, 30, 70)		0.0	
				0.0	
				0.0	
5				0.0	5

Boring terminated at 5.5 ft bgs

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WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-4	**Not Measured**	**Not Measured**

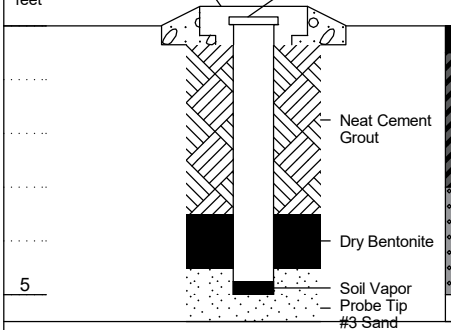
PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET SAN LEANDRO, CALIFORNIA**

APPROVED BY	LOGGED BY
J.O.	**B.S.**

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
Penecore Drilling /	

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.	SCREEN: TYPE	MAT.	TOTAL LENGTH	DIA.	SLOT SIZE
TEFLON TUBING / 0.25"	**NA**	**SS**	**NA** ft	**0.25"**	**NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		CLAY (CH) Black, stiff, dry, plastic, no odor (10, 10, 80)		0.0	
				0.0	
		GRAVELY SAND (SW) Grey, loose, moist, subangular, well graded, no odor (40, 50, 10)		0.0	
				0.0	
5		**GRAVELY SAND with SILT (SW)** Greyish-brown, loose, moist, subangular, well graded, no odor (30, 50, 20)		0.0	5
					Boring terminated at 5.5 ft bgs

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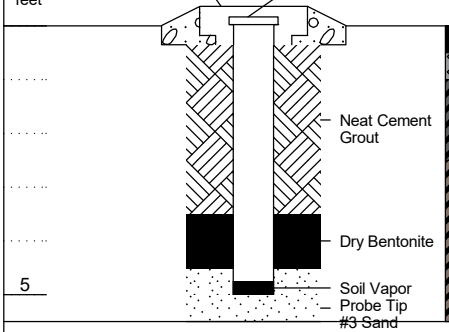
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-5	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVELY SAND (SW) Grey, loose, moist, subangular, moderately well graded, no odor (30, 60, 10)		0.1	
		CLAY (CH) Black, hard, dry, plastic, no odor (5, 10, 85)		0.2	
		SANDY CLAY (CH) Brown, stiff, dry, plastic, poorly graded sand, no odor (5, 30, 65)		0.1	
				0.1	
5				0.0	5

Boring terminated at 5.5 ft bgs

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WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-6	**Not Measured**	**Not Measured**

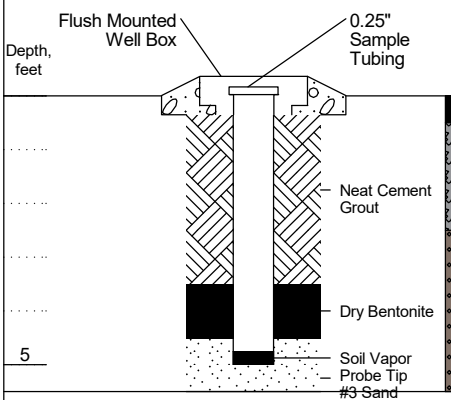
PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET SAN LEANDRO, CALIFORNIA**

APPROVED BY	LOGGED BY
J.O.	**B.S.**

DRILLING CONTRACTOR/DRILLER	GEOGRAPHIC AREA
Penecore Drilling /	

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.	SCREEN: TYPE	MAT.	TOTAL LENGTH	DIA.	SLOT SIZE
TEFLON TUBING / 0.25"	**NA**	**SS**	**NA** ft	**0.25"**	**NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		SANDY GRAVEL (GW) Grey, hard, dry, plastic, no odor (40, 35, 15)		0.0	
		GRAVELY SAND (SW) Dark brown, moderately dense, moist, subangular, well graded, no odor (40, 40, 20)		0.0	
				0.0	
				0.0	
5					5

Boring terminated at 5.5 ft bgs

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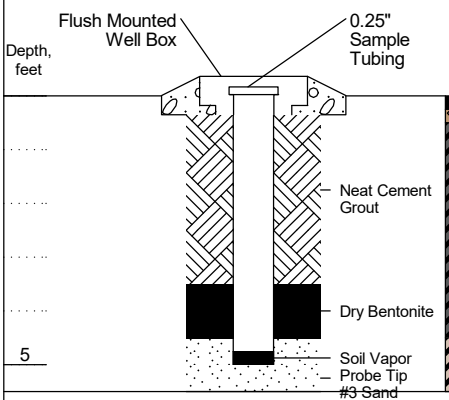
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-7	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVELY SAND with SILT(SW) Greenish-brown, moderately dense, moist, subangular, moderately well graded, no odor (35, 45, 20)		0.0	
		CLAY with SAND (CH) Black with green mottling, moderately stiff, moist, plastic, moderately well graded sand, some grvael, no odor (15, 20, 65)		0.0	
				0.0	
				0.0	
5		**CLAY with SAND (CH)** Light brown, stiff, moist, plastic, poorly graded sand, no odor (0, 20, 80)		0.0	5
					Boring terminated at 5.5 ft bgs

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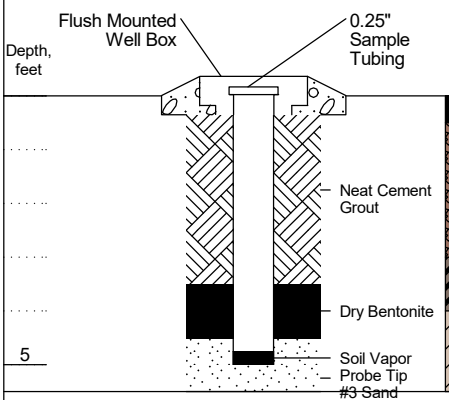
WELL CONSTRUCTION LOG

WELL NO.	LATITUDE	LONGITUDE
RB-9	**Not Measured**	**Not Measured**

PROJECT NO./NAME	LOCATION
5022.0001L000 / 3199 ALVARADO STREET	**3199 ALVARADO STREET**
APPROVED BY: **J.O.** / LOGGED BY: **B.S.**	**SAN LEANDRO, CALIFORNIA**
DRILLING CONTRACTOR/DRILLER: **Penecore Drilling /**	GEOGRAPHIC AREA

DRILL BIT DIAMETER/TYPE	BOREHOLE DIAMETER	DRILLING EQUIPMENT/METHOD	SAMPLING METHOD	START-FINISH DATE
/ Hand Auger	**3-inches**	**Hand Auger / Hand Auger**	**3" Hand Auger**	**5/16/25-5/16/25**

CASING MAT./DIA.: **TEFLON TUBING / 0.25"** | SCREEN: TYPE **NA** MAT. **SS** TOTAL LENGTH **NA** ft DIA. **0.25"** SLOT SIZE **NA**



Depth, feet	Graphic Log	Visual Description	Blow Counts per 6"	PID Values (ppm)	REMARKS
		ASPHALT			(X, X, X) corresponds to (% Gravel, % Sand, % Fines). bgs = below ground surface. Density estimates not intended for geotechnical purposes. ft bgs = feet below ground surface. SS = Stainless Steel
		GRAVEL (GW) Redish-brown, loose, moist, well graded, some sand, no odor (80, 15, 5)		0.0	
				0.0	
		SANDY CLAY (CH) Dark brown, stiff, moist, plastic, no odor (10, 25, 65)		0.0	
		SANDY CLAY (CL) Brown, stiff, moist, plastic, poorly graded sand, slightly plastic, no odor (15, 30, 55)		0.0	
5		Boring terminated at 5.5 ft bgs			5

ATTACHMENT 5

Soil Waste Manifest

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NOT APPLICABLE	1	(415) 533-0112	9785-001

GENERATOR

5. Generator's Name and Mailing Address
CC – Industries, Inc.
222 N. LaSalle Street, Suite 1000
Chicago, IL 60601
Generator's Phone: (312) 423-5649 Tom Gretz

Generator's Site Address (if different than mailing address)
3199 Alvarado Street
3199 Alvarado Street
San Leandro, CA 94578

6. Transporter 1 Company Name: Costera Waste & Environmental, Inc.
U.S. EPA ID Number: CAR000332239

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Yolo County Central Landfill
44090 Co Rd 28H
Woodland, CA 95776
Facility's Phone: (530) 666-8729
U.S. EPA ID Number: N/A

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous, Non DOT Regulated, Waste, Solid (Soil)	02	DM	800	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

9.1 - Soil

Costera Job # 9785-001

Invoice Costera Waste & Environmental, Inc 02X55

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
Adam Burton of Costera OBO the Generator	AB	6	5	2025

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Hugo Guzman	Hugo G	06	05	25
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)	Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year

Printed in USA by GC Labels
1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW
913-897-6966

ATTACHMENT 6

Soil Vapor Sampling Logs

Soil Vapor Sampling Log

Site: 3199 Alvarado St		Date: 5-20-23	
Sample ID: RB-1		Samplers: AV	
Summa Canister ID: C10448		Sample Manifold ID: A10756	
Helium Monitor Make/Model: Csq			

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1113	-30	**Vacuum must be held for at least 1 minute**
Shut-In End	1115	-30	

Pre-Sample Purge and Helium Leak Test

Purging Method:	G.I Air Pump
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1115	NA	150	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	1135	↓	150	2854

Minimum Helium Detected in Shroud (% v):	20%
Maximum Helium Detected in Purge Line (% v):	0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	1135	-30	31.3
	1136	-24	27.9
	1137	-20	36.0
	1139	-15	34.5
	1140	-10	26.6
Sample End	1142	-5	24.7

Notes:

Soil Vapor Sampling Log

Site: CC-3199 Alvarado St.	Date: 5/20/25
Sample ID: RB-2	Samplers: B. Soloman
Summa Canister ID: C10398	Sample Manifold ID: A10069
Helium Monitor Make/Model: C-Squared Analyzer	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1034	-29	**Vacuum must be held for at least 1 minute**
Shut-In End	1038	-29	

Pre-Sample Purge and Helium Leak Test

Purging Method:	GilAir Plus
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1039	-29	150	0
1 Purge Volume	1046	-29	150	1055
3 Purge Volumes	1058	-29	150	2864
Minimum Helium Detected in Shroud (% v):	20.2			
Maximum Helium Detected in Purge Line (% v):	-00.5			

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	1059	-29	30.1
	1100	-25	30.4
	1101	-20	26.9
	1103	-15	29.3
	1104	-10	25.6
Sample End	1106	-5	25.5

Notes: Had to attach silicone tubing to probe due to half of probe being stuck in grout. Only ~6 inches of tail.

Soil Vapor Sampling Log

Site: ~~1399~~ 1369 Alvarado St	Date: 5-20-25
Sample ID: BB-3	Samplers: AV
Summa Canister ID: C10406	Sample Manifold ID: A 11059
Helium Monitor Make/Model: Cla	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1032	-28	**Vacuum must be held for at least 1 minute**
Shut-In End	1034	-28	

Pre-Sample Purge and Helium Leak Test

Purging Method:	GI Air Pump
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1034	NA	150	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	1054	↓	150	2847

Minimum Helium Detected in Shroud (% v):	20%
Maximum Helium Detected in Purge Line (% v):	0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)	
Sample Start	1054	-28	36.1	
	1056	-20	38.6	
	1058	-18	31.9	
	1059	-12	30.6	
	1100	-8	24.5	
Sample End	1101	-5	23.9	

Notes:

Soil Vapor Sampling Log

Site: 3199 Alvarado St	Date: 5-20-25
Sample ID: RB-4 / DUP-02	Samplers: AV
Summa Canister ID: C11804 / C10859	Sample Manifold ID: A11064
Helium Monitor Make/Model: CSA	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	0936	-30	**Vacuum must be held for at least 1 minute**
Shut-In End	0938	-30	

Pre-Sample Purge and Helium Leak Test

Purging Method:	Gil Air Pump
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	0938	NA	150	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	0457	↓	150	2846

Minimum Helium Detected in Shroud (% v): 20%

Maximum Helium Detected in Purge Line (% v): 0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	0958	-30	38.9
	1001	-24	31.7
	1004	-18	20.8
	1009	-12	27.6
	1010	-10	34.3
Sample End	1013	-4	28.5

Notes:

Soil Vapor Sampling Log

Site: CC-3199 Alvarado St.	Date: 5/20/25
Sample ID: RB-5	Samplers: B. Solomon
Summa Canister ID: 04407	Sample Manifold ID: A10588
Helium Monitor Make/Model: C-Squared Analyzer	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	0951	-31	**Vacuum must be held for at least 1 minute**
Shut-In End	0954	-31	

Pre-Sample Purge and Helium Leak Test

Purging Method:	SoilAir Plus
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	0955	-31	150	0
1 Purge Volume	1002	-31	150	1044
3 Purge Volumes	1014	-31	150	2862
Minimum Helium Detected in Shroud (% v):	22.6			
Maximum Helium Detected in Purge Line (% v):	-01.3			

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	1015	-31	20.7
	1016	-25	31.6
	1018	-20	22.3
	1019	-15	23.2
	1020	-10	20.9
Sample End	1022	-5	25.7

Notes:

Soil Vapor Sampling Log

Site: B719 Alameda 07	Date: 5-20-25
Sample ID: RB-6	Samplers: AV
Summa Canister ID: C10457	Sample Manifold ID: A10911
Helium Monitor Make/Model: Cs9	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	0904	-29	**Vacuum must be held for at least 1 minute**
Shut-In End	0907	-29	

Pre-Sample Purge and Helium Leak Test

Purging Method:	GilAir Pump
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	0907	~0	150	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	0913		150	852

Minimum Helium Detected in Shroud (% v): 20%

Maximum Helium Detected in Purge Line (% v): 0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	0914	-29	39.2
	0915	-25	33.4
	0916	-20	26.0
	0918	-14	35.0
	0919	-10	24.7
Sample End	0920	-5	26.3

Notes:

Soil Vapor Sampling Log

Site: 3199 Alvarado St	Date: 5-20-25
Sample ID: RB-7	Samplers: AV
Summa Canister ID: 01022 3	Sample Manifold ID: A1057 8
Helium Monitor Make/Model: CSM	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1154	-28	**Vacuum must be held for at least 1 minute**
Shut-In End	1156	-28	

Pre-Sample Purge and Helium Leak Test

Purging Method:	
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1156	NA	156	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	1216	↓	150	2852

Minimum Helium Detected in Shroud (% v): 28%

Maximum Helium Detected in Purge Line (% v): 0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)	
Sample Start	1216	-28	37.8	
	1218	-22	20.4	
	1220	-15	38.0	
	1221	-12	36.4	
	↓	↓	↓	
Sample End	1223	-5	35.0	

Notes:

Soil Vapor Sampling Log

Site: CC-399 Alvarado St	Date: 5/20/25
Sample ID: RB-9	Samplers: B. Soloman
Summa Canister ID: C10021	Sample Manifold ID: A11065
Helium Monitor Make/Model: C-Squared Analyzer	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1122	-30	**Vacuum must be held for at least 1 minute**
Shut-In End	1125	-30	

Pre-Sample Purge and Helium Leak Test

Purging Method:	6.7Air Plus
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1125	-30	150	0
1 Purge Volume	1132	-30	150	976
3 Purge Volumes	1145	-30	150	2867

Minimum Helium Detected in Shroud (% v): 20.8

Maximum Helium Detected in Purge Line (% v): -00.5

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)	
Sample Start	1146	-30	31.1	
	1147	-25	28.3	
	1149	-18	24.3	
	1151	-12	25.1	
Sample End	1153	-5	23.4	

Notes:

Soil Vapor Sampling Log

Site: 3199 Alvarado St.	Date: ~~5/16/25~~ 5/20/25
Sample ID: RB-10	Samplers: Bennett Sulaman
Summa Canister ID: C11906	Sample Manifold ID: A10373
Helium Monitor Make/Model: C-Squared Analyzer	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	0907	-29	**Vacuum must be held for at least 1 minute**
Shut-In End	0909	-29	

Pre-Sample Purge and Helium Leak Test

Purging Method:	GilAir Plus
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	0911	-29	150	0
1 Purge Volume	0918	-29	150	1070
3 Purge Volumes	0930	-29	150	2832

Minimum Helium Detected in Shroud (% v): ≤1.4

Maximum Helium Detected in Purge Line (% v): ~~0.29~~ 35 - 02.9

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	0931	-29	~~28.2~~
	0932	-24	23.7
	0934	-19	30.1
	0935	-14	29.3
	0937	-10	26.8
Sample End	0939	-5	30.5

Notes:

Soil Vapor Sampling Log

Site: CC-3155 Alvarado St.	Date: 5/24/25
Sample ID: RB-11	Samplers: B. Soliman
Summa Canister ID: C11911	Sample Manifold ID: A10917
Helium Monitor Make/Model: G-Squared Analyzer	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	1207	-29	**Vacuum must be held for at least 1 minute**
Shut-In End	1209	-29	

Pre-Sample Purge and Helium Leak Test

Purging Method:	G.A.I. Plus
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	1216	-29	150	0
1 Purge Volume	1217	-29	150	952
3 Purge Volumes	1230	-29	150	2859
Minimum Helium Detected in Shroud (% v):		20.1		
Maximum Helium Detected in Purge Line (% v):		-00.9		

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	1231	-29	29.8
	1231	-25	31.2
	1233	-20	21.3
	1234	-15	27.2
	1235	-10	31.6
Sample End	1237	-5	20.2

Notes:

Soil Vapor Sampling Log

Site: ~~Northpoint~~ 3194 Alvarado St	Date: 5-20-25
Sample ID: RB-12 / DUP-01	Samplers: AV + BS
Summa Canister ID: C10334 / C10432	Sample Manifold ID: 410441
Helium Monitor Make/Model: Csy	

Shut-In Test

	Time	Vacuum (in Hg)	
Shut-In Start	0809	-30	**Vacuum must be held for at least 1 minute**
Shut-In End	0812	-30	

Pre-Sample Purge and Helium Leak Test

Purging Method:	Gilair Pump
Purging Notes:	

	Time	Vacuum (in Hg)	Flow Rate (mL/min)	Volume Purged (mL)
Purge Start	0816	NA	150	0
1 Purge Volume	↓	↓	↓	↓
3 Purge Volumes	0836	↓	150	2897

Minimum Helium Detected in Shroud (% v):	20%
Maximum Helium Detected in Purge Line (% v):	0%

Sample Collection

	Time	Vacuum (in Hg)	Helium in Shroud (%v)
Sample Start	~~0833~~ 0831	-30	22.8
	0839	-25	31.4
	0841	-20	28.5
	0845	-15	25.9
	0847	-10	29.6
Sample End	0851	-5	37.8

Notes:

When disconnecting sample from the T splitter a hissing noise was observed. The DUP-01 sample was removed quickly and no more hissing was observed.

ATTACHMENT 7

Laboratory Analytical Results

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 533344
Report Level : II
Report Date : 05/27/2025

Analytical Report *prepared for:*

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Project: 5022.0001L000 - CC-3199 Alvarado St.

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA
94607

Lab Job #:	533344
Project No:	5022.0001L000
Location:	CC-3199 Alvarado St.
Date Received:	05/16/25

Sample ID	Lab ID	Collected	Matrix
RB-1	533344-001	05/16/25 13:51	Soil
RB-2	533344-002	05/16/25 11:50	Soil
RB-3	533344-003	05/16/25 11:14	Soil
RB-4	533344-004	05/16/25 10:54	Soil
RB-5	533344-005	05/16/25 09:53	Soil
RB-6	533344-006	05/16/25 09:36	Soil
RB-7	533344-007	05/16/25 15:08	Soil
RB-9	533344-008	05/16/25 14:02	Soil
RB-10	533344-009	05/16/25 08:03	Soil
RB-11	533344-010	05/16/25 15:26	Soil
RB-12	533344-011	05/16/25 08:37	Soil
RB-13	533344-012	05/16/25 10:14	Soil

ENTHALPY ANALYTICAL

Case Narrative

Roux Associates 555 12th Street Suite 250 Oakland, CA 94607 Bennett Solomon	Lab Job Number: 533344 Project No: 5022.0001L000 Location: CC-3199 Alvarado St. Date Received: 05/16/25

This data package contains sample and QC results for twelve soil samples, requested for the above referenced project on 05/19/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for toluene and chlorobenzene in the MS/MSD for batch 372077; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- No other analytical problems were encountered.

Moisture (ASTM D2216):

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Lab Job #: 533344
Project No: 5022.0001L000
Location: CC-3199 Alvarado St.
Date Received: 05/16/25

Sample ID: RB-1 **Lab ID: 533344-001** **Collected: 05/16/25 13:51**
Matrix: Soil

533344-001 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**19**		%	1	

Sample ID: RB-2 **Lab ID: 533344-002** **Collected: 05/16/25 11:50**
Matrix: Soil

533344-002 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**10**		%	1	

Sample ID: RB-3 **Lab ID: 533344-003** **Collected: 05/16/25 11:14**
Matrix: Soil

533344-003 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**26**		%	1	

Sample ID: RB-4 **Lab ID: 533344-004** **Collected: 05/16/25 10:54**
Matrix: Soil

533344-004 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**12**		%	1	

Sample ID: RB-5 **Lab ID: 533344-005** **Collected: 05/16/25 09:53**
Matrix: Soil

533344-005 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**22**		%	1	

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-6	Lab ID: 533344-006	Collected: 05/16/25 09:36
	Matrix: Soil	

533344-006 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**16**		%	1	

Sample ID: RB-7	Lab ID: 533344-007	Collected: 05/16/25 15:08
	Matrix: Soil	

533344-007 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**19**		%	1	

Sample ID: RB-9	Lab ID: 533344-008	Collected: 05/16/25 14:02
	Matrix: Soil	

533344-008 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**14**		%	1	

Sample ID: RB-10	Lab ID: 533344-009	Collected: 05/16/25 08:03
	Matrix: Soil	

533344-009 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**27**		%	1	

Sample ID: RB-11	Lab ID: 533344-010	Collected: 05/16/25 15:26
	Matrix: Soil	

533344-010 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**28**		%	1	

Sample ID: RB-12	Lab ID: 533344-011	Collected: 05/16/25 08:37
	Matrix: Soil	

533344-011 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**26**		%	1	

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-13	Lab ID: 533344-012	Collected: 05/16/25 10:14
	Matrix: Soil	

533344-012 Analyte	Result	Qual	Units	RL	Basis
Method: ASTM D2216 Prep Method: METHOD					
Moisture, Percent	**25**		%	1	

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 533344

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Emeryville

5900 Hollis St, Suite L, Emeryville, CA 94608

Phone 510-486-0900

Matrix: A = Air, S = Soil/Solid, W = Water, DW = Drinking Wate, SD = Sediment, PP = Pure Product, SEA = Sea Water, SW = Swab, T = Tissue, WP = Wipe, O = Other

Login 533344

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Roux Associates, Inc.	Name:	CC-3199 Alvarado St.
Report To:	B. Solomon / J. Osborne / P. Shiner	Number:	5022.0001L.000
Email:	bsolomon@rouxinc.com, josborne@rouxinc.com, pshiner@rouxinc.com	P.O. #:	
Address:	555 12 St., Ste 250	Address:	3199 Alvarado St.
	Oakland, CA		San Leandro, CA
Phone:		Global ID:	
Fax:		Sampled By:	B. Solomon

Analysis Re

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)
1	RB-1	5/16/25	1351	S	4		
2	RB-2		1150				
3	RB-3		1114				
4	RB-4		1054				
5	RB-5		0957				
6	RB-6		0936				
7	RB-7		1508				
8	~~RB-8~~						
9	RB-9		1402				
10	RB-10		0803				

*Please include EDD

*Compare to ESLs

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Benett Solomon	Roux / Staff I	5/16/25 1706
1 Received By:			FA	5/16/25 19:06
2 Relinquished By:		Jack Peterson	Enthalpy	5.20.25 16:02
2 Received By:		Jesse Rivera	EA	5-21-25 10:50
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 533344

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Emeryville

5900 Hollis St, Suite L, Emeryville, CA 94608

Phone 510-486-0900

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Login 533344

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Roux Associates, Inc.	Name:	CC-3195 Alvarado St.
Report To:	B. Sulomon/J. Osborne/P. Shimir	Number:	5022.0001L000
Email:	bsulomon@rouxinc.com josborne@rouxinc.com pshimer@rouxinc.com	P.O. #:	
Address:	555 12 St, Ste 250	Address:	3195 Alvarado St.
	Oakland, CA		San Leandro, CA
Phone:		Global ID:	
Fax:		Sampled By:	B. Sulomen

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Rec: VOCs (EPA 8260B)
1	RB-11	5/16/25	1524	S	4		
2	RB-12	↓	0837	↓	↓		
3	RB-13	↓	1014	↓	↓		
4							
5							
6							
7							
8							
9							
10							

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Bennett Sulomon	Roux / Staff E	5/16/25 1706
[1] Received By:			FE	5/16/25 17:04
[2] Relinquished By:		Jadz Peterson	Enthalpy	5.20.25 16:02
[2] Received By:		Jesse Rivera	EA	5-21-25 1050
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 5/16/25 WO# 533344 Client: Rong

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☑ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 5/16/25 By (initials) MM Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None

☑ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: _____ CF: _____

Cooler Temp (°C) #1: ____/____ #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	✓		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?		✓	
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)		✓	
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	✓		
7) Does the container count match the CoC?	✓*		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?	✓		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.3: All terracore vials were overfilled. Per PM/client we transferred ~5g from each SoBi vial into unpreserved VOAs (x2) and a 2 oz jar.

4.7: Correct count received, but due to the sample transfer, there are only 3 containers per sample

☐ **No additional discrepancies**

Date Logged 5/16/25 **By (print)** MM **(sign)** _____

Date Labeled 5.20.25 **By (print)** Jadz Peterson **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 5/21/25 WO# 533344 Client: ROUX-OAK

Section 2: Shipping / Custody **Are custody seals present?** ☒ Yes ☐ No

Custody seals intact on arrival? ☐ N/A ■ Yes ☐ No ■ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ■ Shipping Info: Southwest

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 5/21/25 By (initials) VKR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____/____ Thermometer/IR Gun: IR 11 CF: +0.1

Cooler Temp (°C) #1: 2.7 / 2.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?			X

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 5/20/25 **By (print)** EMV **(sign)** ____

Date Labeled 5/20/25 **By (print)** EMV **(sign)** ____


SOUTHWEST AIRLINES

Printed on:
20 MAY 19:52

526 OAK 2835 4863

SNA

1R112.7/2.8

PC# 9 OF 9 | DG G | LOT WT 445 LB (201.8 KG)

OAK WN 1576 21 MAY 07:00

STN FLT DATE ETD LOT 01

PC ID: 0009
PC WT: 49LB

526 28354863 0009

S

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-1 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-001 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.031 **Analyzed:** 05/22/25

533344-001 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	19%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	19%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	19%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	19%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	19%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	19%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	19%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	19%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	19%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	19%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	19%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	19%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	19%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	19%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	19%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
2-Butanone	ND	0.1	mg/Kg	dry	19%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	19%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	19%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	19%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	19%
Acetone	ND	0.1	mg/Kg	dry	19%
Benzene	ND	0.006	mg/Kg	dry	19%
Bromobenzene	ND	0.006	mg/Kg	dry	19%
Bromochloromethane	ND	0.006	mg/Kg	dry	19%
Bromodichloromethane	ND	0.006	mg/Kg	dry	19%
Bromoform	ND	0.006	mg/Kg	dry	19%
Bromomethane	ND	0.006	mg/Kg	dry	19%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	19%
Chlorobenzene	ND	0.006	mg/Kg	dry	19%
Chloroethane	ND	0.006	mg/Kg	dry	19%
Chloroform	ND	0.006	mg/Kg	dry	19%
Chloromethane	ND	0.006	mg/Kg	dry	19%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	19%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	19%
Dibromochloromethane	ND	0.006	mg/Kg	dry	19%
Dibromomethane	ND	0.006	mg/Kg	dry	19%
Ethylbenzene	ND	0.006	mg/Kg	dry	19%
Freon 113	ND	0.006	mg/Kg	dry	19%
Freon 12	ND	0.006	mg/Kg	dry	19%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	19%
Isopropylbenzene	ND	0.006	mg/Kg	dry	19%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-001 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	19%
MTBE	ND	0.006	mg/Kg	dry	19%
n-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Naphthalene	ND	0.006	mg/Kg	dry	19%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	19%
Propylbenzene	ND	0.006	mg/Kg	dry	19%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Styrene	ND	0.006	mg/Kg	dry	19%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Tetrachloroethene	ND	0.006	mg/Kg	dry	19%
Toluene	ND	0.006	mg/Kg	dry	19%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	19%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	19%
Trichloroethene	ND	0.006	mg/Kg	dry	19%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	19%
Vinyl Chloride	ND	0.006	mg/Kg	dry	19%
m,p-Xylenes	ND	0.01	mg/Kg	dry	19%
o-Xylene	ND	0.006	mg/Kg	dry	19%
Xylene (total)	ND	0.02	mg/Kg		

533344-001 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	102	70-145	dry	19%
1,2-Dichloroethane-d4	106	70-145	dry	19%
Toluene-d8	103	70-145	dry	19%
Bromofluorobenzene	103	70-145	dry	19%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-2 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-002 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.048 **Analyzed:** 05/22/25

533344-002 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	10%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	10%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	10%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	10%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	10%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	10%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	10%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	10%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	10%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	10%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	10%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	10%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	10%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	10%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	10%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	10%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	10%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	10%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	10%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	10%
2-Butanone	ND	0.1	mg/Kg	dry	10%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	10%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	10%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	10%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	10%
Acetone	ND	0.1	mg/Kg	dry	10%
Benzene	ND	0.006	mg/Kg	dry	10%
Bromobenzene	ND	0.006	mg/Kg	dry	10%
Bromochloromethane	ND	0.006	mg/Kg	dry	10%
Bromodichloromethane	ND	0.006	mg/Kg	dry	10%
Bromoform	ND	0.006	mg/Kg	dry	10%
Bromomethane	ND	0.006	mg/Kg	dry	10%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	10%
Chlorobenzene	ND	0.006	mg/Kg	dry	10%
Chloroethane	ND	0.006	mg/Kg	dry	10%
Chloroform	ND	0.006	mg/Kg	dry	10%
Chloromethane	ND	0.006	mg/Kg	dry	10%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	10%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	10%
Dibromochloromethane	ND	0.006	mg/Kg	dry	10%
Dibromomethane	ND	0.006	mg/Kg	dry	10%
Ethylbenzene	ND	0.006	mg/Kg	dry	10%
Freon 113	ND	0.006	mg/Kg	dry	10%
Freon 12	ND	0.006	mg/Kg	dry	10%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	10%
Isopropylbenzene	ND	0.006	mg/Kg	dry	10%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-002 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	10%
MTBE	ND	0.006	mg/Kg	dry	10%
n-Butylbenzene	ND	0.006	mg/Kg	dry	10%
Naphthalene	ND	0.006	mg/Kg	dry	10%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	10%
Propylbenzene	ND	0.006	mg/Kg	dry	10%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	10%
Styrene	ND	0.006	mg/Kg	dry	10%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	10%
Tetrachloroethene	ND	0.006	mg/Kg	dry	10%
Toluene	ND	0.006	mg/Kg	dry	10%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	10%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	10%
Trichloroethene	ND	0.006	mg/Kg	dry	10%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	10%
Vinyl Chloride	ND	0.006	mg/Kg	dry	10%
m,p-Xylenes	ND	0.01	mg/Kg	dry	10%
o-Xylene	ND	0.006	mg/Kg	dry	10%
Xylene (total)	ND	0.02	mg/Kg		

533344-002 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	103	70-145	dry	10%
1,2-Dichloroethane-d4	105	70-145	dry	10%
Toluene-d8	100	70-145	dry	10%
Bromofluorobenzene	104	70-145	dry	10%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-3 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-003 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.031 **Analyzed:** 05/22/25

533344-003 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	26%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	26%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	26%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	26%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	26%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	26%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	26%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	26%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	26%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	26%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	26%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	26%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	26%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	26%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	26%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
2-Butanone	ND	0.1	mg/Kg	dry	26%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	26%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	26%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	26%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	26%
Acetone	ND	0.1	mg/Kg	dry	26%
Benzene	ND	0.007	mg/Kg	dry	26%
Bromobenzene	ND	0.007	mg/Kg	dry	26%
Bromochloromethane	ND	0.007	mg/Kg	dry	26%
Bromodichloromethane	ND	0.007	mg/Kg	dry	26%
Bromoform	ND	0.007	mg/Kg	dry	26%
Bromomethane	ND	0.007	mg/Kg	dry	26%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	26%
Chlorobenzene	ND	0.007	mg/Kg	dry	26%
Chloroethane	ND	0.007	mg/Kg	dry	26%
Chloroform	ND	0.007	mg/Kg	dry	26%
Chloromethane	ND	0.007	mg/Kg	dry	26%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	26%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	26%
Dibromochloromethane	ND	0.007	mg/Kg	dry	26%
Dibromomethane	ND	0.007	mg/Kg	dry	26%
Ethylbenzene	ND	0.007	mg/Kg	dry	26%
Freon 113	ND	0.007	mg/Kg	dry	26%
Freon 12	ND	0.007	mg/Kg	dry	26%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	26%
Isopropylbenzene	ND	0.007	mg/Kg	dry	26%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-003 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	26%
MTBE	ND	0.007	mg/Kg	dry	26%
n-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Naphthalene	ND	0.007	mg/Kg	dry	26%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	26%
Propylbenzene	ND	0.007	mg/Kg	dry	26%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Styrene	ND	0.007	mg/Kg	dry	26%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Tetrachloroethene	ND	0.007	mg/Kg	dry	26%
Toluene	ND	0.007	mg/Kg	dry	26%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	26%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	26%
Trichloroethene	ND	0.007	mg/Kg	dry	26%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	26%
Vinyl Chloride	ND	0.007	mg/Kg	dry	26%
m,p-Xylenes	ND	0.01	mg/Kg	dry	26%
o-Xylene	ND	0.007	mg/Kg	dry	26%
Xylene (total)	ND	0.02	mg/Kg		

533344-003 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	107	70-145	dry	26%
1,2-Dichloroethane-d4	109	70-145	dry	26%
Toluene-d8	100	70-145	dry	26%
Bromofluorobenzene	98	70-145	dry	26%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-4 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-004 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.073 **Analyzed:** 05/22/25

533344-004 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	12%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	12%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	12%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	12%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	12%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	12%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	12%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	12%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	12%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	12%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	12%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	12%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	12%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	12%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	12%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	12%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	12%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	12%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	12%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	12%
2-Butanone	ND	0.1	mg/Kg	dry	12%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	12%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	12%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	12%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	12%
Acetone	ND	0.1	mg/Kg	dry	12%
Benzene	ND	0.006	mg/Kg	dry	12%
Bromobenzene	ND	0.006	mg/Kg	dry	12%
Bromochloromethane	ND	0.006	mg/Kg	dry	12%
Bromodichloromethane	ND	0.006	mg/Kg	dry	12%
Bromoform	ND	0.006	mg/Kg	dry	12%
Bromomethane	ND	0.006	mg/Kg	dry	12%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	12%
Chlorobenzene	ND	0.006	mg/Kg	dry	12%
Chloroethane	ND	0.006	mg/Kg	dry	12%
Chloroform	ND	0.006	mg/Kg	dry	12%
Chloromethane	ND	0.006	mg/Kg	dry	12%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	12%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	12%
Dibromochloromethane	ND	0.006	mg/Kg	dry	12%
Dibromomethane	ND	0.006	mg/Kg	dry	12%
Ethylbenzene	ND	0.006	mg/Kg	dry	12%
Freon 113	ND	0.006	mg/Kg	dry	12%
Freon 12	ND	0.006	mg/Kg	dry	12%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	12%
Isopropylbenzene	ND	0.006	mg/Kg	dry	12%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-004 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	12%
MTBE	ND	0.006	mg/Kg	dry	12%
n-Butylbenzene	ND	0.006	mg/Kg	dry	12%
Naphthalene	ND	0.006	mg/Kg	dry	12%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	12%
Propylbenzene	ND	0.006	mg/Kg	dry	12%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	12%
Styrene	ND	0.006	mg/Kg	dry	12%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	12%
Tetrachloroethene	ND	0.006	mg/Kg	dry	12%
Toluene	ND	0.006	mg/Kg	dry	12%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	12%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	12%
Trichloroethene	ND	0.006	mg/Kg	dry	12%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	12%
Vinyl Chloride	ND	0.006	mg/Kg	dry	12%
m,p-Xylenes	ND	0.01	mg/Kg	dry	12%
o-Xylene	ND	0.006	mg/Kg	dry	12%
Xylene (total)	ND	0.02	mg/Kg		

533344-004 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	105	70-145	dry	12%
1,2-Dichloroethane-d4	106	70-145	dry	12%
Toluene-d8	100	70-145	dry	12%
Bromofluorobenzene	103	70-145	dry	12%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-5 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-005 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.031 **Analyzed:** 05/22/25

533344-005 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	22%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	22%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	22%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	22%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	22%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	22%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	22%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	22%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	22%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	22%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	22%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	22%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	22%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	22%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	22%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	22%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	22%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	22%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	22%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	22%
2-Butanone	ND	0.1	mg/Kg	dry	22%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	22%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	22%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	22%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	22%
Acetone	ND	0.1	mg/Kg	dry	22%
Benzene	ND	0.007	mg/Kg	dry	22%
Bromobenzene	ND	0.007	mg/Kg	dry	22%
Bromochloromethane	ND	0.007	mg/Kg	dry	22%
Bromodichloromethane	ND	0.007	mg/Kg	dry	22%
Bromoform	ND	0.007	mg/Kg	dry	22%
Bromomethane	ND	0.007	mg/Kg	dry	22%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	22%
Chlorobenzene	ND	0.007	mg/Kg	dry	22%
Chloroethane	ND	0.007	mg/Kg	dry	22%
Chloroform	ND	0.007	mg/Kg	dry	22%
Chloromethane	ND	0.007	mg/Kg	dry	22%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	22%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	22%
Dibromochloromethane	ND	0.007	mg/Kg	dry	22%
Dibromomethane	ND	0.007	mg/Kg	dry	22%
Ethylbenzene	ND	0.007	mg/Kg	dry	22%
Freon 113	ND	0.007	mg/Kg	dry	22%
Freon 12	ND	0.007	mg/Kg	dry	22%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	22%
Isopropylbenzene	ND	0.007	mg/Kg	dry	22%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-005 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	22%
MTBE	ND	0.007	mg/Kg	dry	22%
n-Butylbenzene	ND	0.007	mg/Kg	dry	22%
Naphthalene	ND	0.007	mg/Kg	dry	22%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	22%
Propylbenzene	ND	0.007	mg/Kg	dry	22%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	22%
Styrene	ND	0.007	mg/Kg	dry	22%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	22%
Tetrachloroethene	ND	0.007	mg/Kg	dry	22%
Toluene	ND	0.007	mg/Kg	dry	22%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	22%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	22%
Trichloroethene	ND	0.007	mg/Kg	dry	22%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	22%
Vinyl Chloride	ND	0.007	mg/Kg	dry	22%
m,p-Xylenes	ND	0.01	mg/Kg	dry	22%
o-Xylene	ND	0.007	mg/Kg	dry	22%
Xylene (total)	ND	0.02	mg/Kg		

533344-005 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	109	70-145	dry	22%
1,2-Dichloroethane-d4	114	70-145	dry	22%
Toluene-d8	96	70-145	dry	22%
Bromofluorobenzene	99	70-145	dry	22%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-6 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-006 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** LYZ

DF: 1.004 **Analyzed:** 05/22/25

533344-006 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	16%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	16%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	16%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	16%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	16%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	16%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	16%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	16%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	16%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	16%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	16%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	16%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	16%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	16%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	16%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	16%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	16%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	16%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	16%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	16%
2-Butanone	ND	0.1	mg/Kg	dry	16%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	16%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	16%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	16%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	16%
Acetone	ND	0.1	mg/Kg	dry	16%
Benzene	ND	0.006	mg/Kg	dry	16%
Bromobenzene	ND	0.006	mg/Kg	dry	16%
Bromochloromethane	ND	0.006	mg/Kg	dry	16%
Bromodichloromethane	ND	0.006	mg/Kg	dry	16%
Bromoform	ND	0.006	mg/Kg	dry	16%
Bromomethane	ND	0.006	mg/Kg	dry	16%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	16%
Chlorobenzene	ND	0.006	mg/Kg	dry	16%
Chloroethane	ND	0.006	mg/Kg	dry	16%
Chloroform	ND	0.006	mg/Kg	dry	16%
Chloromethane	ND	0.006	mg/Kg	dry	16%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	16%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	16%
Dibromochloromethane	ND	0.006	mg/Kg	dry	16%
Dibromomethane	ND	0.006	mg/Kg	dry	16%
Ethylbenzene	ND	0.006	mg/Kg	dry	16%
Freon 113	ND	0.006	mg/Kg	dry	16%
Freon 12	ND	0.006	mg/Kg	dry	16%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	16%
Isopropylbenzene	ND	0.006	mg/Kg	dry	16%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-006 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	16%
MTBE	ND	0.006	mg/Kg	dry	16%
n-Butylbenzene	ND	0.006	mg/Kg	dry	16%
Naphthalene	ND	0.006	mg/Kg	dry	16%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	16%
Propylbenzene	ND	0.006	mg/Kg	dry	16%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	16%
Styrene	ND	0.006	mg/Kg	dry	16%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	16%
Tetrachloroethene	ND	0.006	mg/Kg	dry	16%
Toluene	ND	0.006	mg/Kg	dry	16%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	16%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	16%
Trichloroethene	ND	0.006	mg/Kg	dry	16%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	16%
Vinyl Chloride	ND	0.006	mg/Kg	dry	16%
m,p-Xylenes	ND	0.01	mg/Kg	dry	16%
o-Xylene	ND	0.006	mg/Kg	dry	16%
Xylene (total)	ND	0.02	mg/Kg		

533344-006 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	110	70-145	dry	16%
1,2-Dichloroethane-d4	114	70-145	dry	16%
Toluene-d8	101	70-145	dry	16%
Bromofluorobenzene	101	70-145	dry	16%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-7 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-007 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 1.022 **Analyzed:** 05/22/25

533344-007 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	19%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	19%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	19%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	19%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	19%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	19%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	19%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	19%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	19%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	19%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	19%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	19%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	19%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	19%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	19%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	19%
2-Butanone	ND	0.1	mg/Kg	dry	19%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	19%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	19%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	19%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	19%
Acetone	ND	0.1	mg/Kg	dry	19%
Benzene	ND	0.006	mg/Kg	dry	19%
Bromobenzene	ND	0.006	mg/Kg	dry	19%
Bromochloromethane	ND	0.006	mg/Kg	dry	19%
Bromodichloromethane	ND	0.006	mg/Kg	dry	19%
Bromoform	ND	0.006	mg/Kg	dry	19%
Bromomethane	ND	0.006	mg/Kg	dry	19%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	19%
Chlorobenzene	ND	0.006	mg/Kg	dry	19%
Chloroethane	ND	0.006	mg/Kg	dry	19%
Chloroform	ND	0.006	mg/Kg	dry	19%
Chloromethane	ND	0.006	mg/Kg	dry	19%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	19%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	19%
Dibromochloromethane	ND	0.006	mg/Kg	dry	19%
Dibromomethane	ND	0.006	mg/Kg	dry	19%
Ethylbenzene	ND	0.006	mg/Kg	dry	19%
Freon 113	ND	0.006	mg/Kg	dry	19%
Freon 12	ND	0.006	mg/Kg	dry	19%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	19%
Isopropylbenzene	ND	0.006	mg/Kg	dry	19%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-007 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	19%
MTBE	ND	0.006	mg/Kg	dry	19%
n-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Naphthalene	ND	0.006	mg/Kg	dry	19%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	19%
Propylbenzene	ND	0.006	mg/Kg	dry	19%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Styrene	ND	0.006	mg/Kg	dry	19%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	19%
Tetrachloroethene	ND	0.006	mg/Kg	dry	19%
Toluene	ND	0.006	mg/Kg	dry	19%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	19%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	19%
Trichloroethene	ND	0.006	mg/Kg	dry	19%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	19%
Vinyl Chloride	ND	0.006	mg/Kg	dry	19%
m,p-Xylenes	ND	0.01	mg/Kg	dry	19%
o-Xylene	ND	0.006	mg/Kg	dry	19%
Xylene (total)	ND	0.02	mg/Kg		

533344-007 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	108	70-145	dry	19%
1,2-Dichloroethane-d4	111	70-145	dry	19%
Toluene-d8	99	70-145	dry	19%
Bromofluorobenzene	101	70-145	dry	19%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-9 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-008 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 1.000 **Analyzed:** 05/22/25

533344-008 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.006	mg/Kg	dry	14%
1,1-Dichloroethene	ND	0.006	mg/Kg	dry	14%
1,1-Dichloropropene	ND	0.006	mg/Kg	dry	14%
1,1,1-Trichloroethane	ND	0.006	mg/Kg	dry	14%
1,1,1,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	14%
1,1,2-Trichloroethane	ND	0.006	mg/Kg	dry	14%
1,1,2,2-Tetrachloroethane	ND	0.006	mg/Kg	dry	14%
1,2-Dibromo-3-Chloropropane	ND	0.006	mg/Kg	dry	14%
1,2-Dibromoethane	ND	0.006	mg/Kg	dry	14%
1,2-Dichlorobenzene	ND	0.006	mg/Kg	dry	14%
1,2-Dichloroethane	ND	0.006	mg/Kg	dry	14%
1,2-Dichloropropane	ND	0.006	mg/Kg	dry	14%
1,2,3-Trichlorobenzene	ND	0.006	mg/Kg	dry	14%
1,2,3-Trichloropropane	ND	0.006	mg/Kg	dry	14%
1,2,4-Trichlorobenzene	ND	0.006	mg/Kg	dry	14%
1,2,4-Trimethylbenzene	ND	0.006	mg/Kg	dry	14%
1,3-Dichlorobenzene	ND	0.006	mg/Kg	dry	14%
1,3-Dichloropropane	ND	0.006	mg/Kg	dry	14%
1,3,5-Trimethylbenzene	ND	0.006	mg/Kg	dry	14%
1,4-Dichlorobenzene	ND	0.006	mg/Kg	dry	14%
2-Butanone	ND	0.1	mg/Kg	dry	14%
2-Chlorotoluene	ND	0.006	mg/Kg	dry	14%
2,2-Dichloropropane	ND	0.006	mg/Kg	dry	14%
4-Chlorotoluene	ND	0.006	mg/Kg	dry	14%
4-Methyl-2-Pentanone	ND	0.006	mg/Kg	dry	14%
Acetone	ND	0.1	mg/Kg	dry	14%
Benzene	ND	0.006	mg/Kg	dry	14%
Bromobenzene	ND	0.006	mg/Kg	dry	14%
Bromochloromethane	ND	0.006	mg/Kg	dry	14%
Bromodichloromethane	ND	0.006	mg/Kg	dry	14%
Bromoform	ND	0.006	mg/Kg	dry	14%
Bromomethane	ND	0.006	mg/Kg	dry	14%
Carbon Tetrachloride	ND	0.006	mg/Kg	dry	14%
Chlorobenzene	ND	0.006	mg/Kg	dry	14%
Chloroethane	ND	0.006	mg/Kg	dry	14%
Chloroform	ND	0.006	mg/Kg	dry	14%
Chloromethane	ND	0.006	mg/Kg	dry	14%
cis-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	14%
cis-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	14%
Dibromochloromethane	ND	0.006	mg/Kg	dry	14%
Dibromomethane	ND	0.006	mg/Kg	dry	14%
Ethylbenzene	ND	0.006	mg/Kg	dry	14%
Freon 113	ND	0.006	mg/Kg	dry	14%
Freon 12	ND	0.006	mg/Kg	dry	14%
Hexachlorobutadiene	ND	0.006	mg/Kg	dry	14%
Isopropylbenzene	ND	0.006	mg/Kg	dry	14%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-008 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	14%
MTBE	ND	0.006	mg/Kg	dry	14%
n-Butylbenzene	ND	0.006	mg/Kg	dry	14%
Naphthalene	ND	0.006	mg/Kg	dry	14%
para-Isopropyl Toluene	ND	0.006	mg/Kg	dry	14%
Propylbenzene	ND	0.006	mg/Kg	dry	14%
sec-Butylbenzene	ND	0.006	mg/Kg	dry	14%
Styrene	ND	0.006	mg/Kg	dry	14%
tert-Butylbenzene	ND	0.006	mg/Kg	dry	14%
Tetrachloroethene	ND	0.006	mg/Kg	dry	14%
Toluene	ND	0.006	mg/Kg	dry	14%
trans-1,2-Dichloroethene	ND	0.006	mg/Kg	dry	14%
trans-1,3-Dichloropropene	ND	0.006	mg/Kg	dry	14%
Trichloroethene	ND	0.006	mg/Kg	dry	14%
Trichlorofluoromethane	ND	0.006	mg/Kg	dry	14%
Vinyl Chloride	ND	0.006	mg/Kg	dry	14%
m,p-Xylenes	ND	0.01	mg/Kg	dry	14%
o-Xylene	ND	0.006	mg/Kg	dry	14%
Xylene (total)	ND	0.02	mg/Kg		

533344-008 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	106	70-145	dry	14%
1,2-Dichloroethane-d4	104	70-145	dry	14%
Toluene-d8	98	70-145	dry	14%
Bromofluorobenzene	100	70-145	dry	14%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-10 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-009 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 1.020 **Analyzed:** 05/22/25

533344-009 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	27%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	27%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	27%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	27%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	27%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	27%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	27%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	27%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	27%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	27%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	27%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	27%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	27%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	27%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	27%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	27%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	27%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	27%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	27%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	27%
2-Butanone	ND	0.1	mg/Kg	dry	27%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	27%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	27%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	27%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	27%
Acetone	ND	0.1	mg/Kg	dry	27%
Benzene	ND	0.007	mg/Kg	dry	27%
Bromobenzene	ND	0.007	mg/Kg	dry	27%
Bromochloromethane	ND	0.007	mg/Kg	dry	27%
Bromodichloromethane	ND	0.007	mg/Kg	dry	27%
Bromoform	ND	0.007	mg/Kg	dry	27%
Bromomethane	ND	0.007	mg/Kg	dry	27%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	27%
Chlorobenzene	ND	0.007	mg/Kg	dry	27%
Chloroethane	ND	0.007	mg/Kg	dry	27%
Chloroform	ND	0.007	mg/Kg	dry	27%
Chloromethane	ND	0.007	mg/Kg	dry	27%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	27%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	27%
Dibromochloromethane	ND	0.007	mg/Kg	dry	27%
Dibromomethane	ND	0.007	mg/Kg	dry	27%
Ethylbenzene	ND	0.007	mg/Kg	dry	27%
Freon 113	ND	0.007	mg/Kg	dry	27%
Freon 12	ND	0.007	mg/Kg	dry	27%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	27%
Isopropylbenzene	ND	0.007	mg/Kg	dry	27%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-009 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	27%
MTBE	ND	0.007	mg/Kg	dry	27%
n-Butylbenzene	ND	0.007	mg/Kg	dry	27%
Naphthalene	ND	0.007	mg/Kg	dry	27%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	27%
Propylbenzene	ND	0.007	mg/Kg	dry	27%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	27%
Styrene	ND	0.007	mg/Kg	dry	27%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	27%
Tetrachloroethene	ND	0.007	mg/Kg	dry	27%
Toluene	ND	0.007	mg/Kg	dry	27%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	27%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	27%
Trichloroethene	ND	0.007	mg/Kg	dry	27%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	27%
Vinyl Chloride	ND	0.007	mg/Kg	dry	27%
m,p-Xylenes	ND	0.01	mg/Kg	dry	27%
o-Xylene	ND	0.007	mg/Kg	dry	27%
Xylene (total)	ND	0.02	mg/Kg		

533344-009 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	107	70-145	dry	27%
1,2-Dichloroethane-d4	113	70-145	dry	27%
Toluene-d8	99	70-145	dry	27%
Bromofluorobenzene	101	70-145	dry	27%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-11 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-010 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 1.031 **Analyzed:** 05/22/25

533344-010 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	28%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	28%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	28%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	28%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	28%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	28%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	28%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	28%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	28%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	28%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	28%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	28%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	28%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	28%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	28%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	28%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	28%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	28%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	28%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	28%
2-Butanone	ND	0.1	mg/Kg	dry	28%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	28%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	28%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	28%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	28%
Acetone	ND	0.1	mg/Kg	dry	28%
Benzene	ND	0.007	mg/Kg	dry	28%
Bromobenzene	ND	0.007	mg/Kg	dry	28%
Bromochloromethane	ND	0.007	mg/Kg	dry	28%
Bromodichloromethane	ND	0.007	mg/Kg	dry	28%
Bromoform	ND	0.007	mg/Kg	dry	28%
Bromomethane	ND	0.007	mg/Kg	dry	28%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	28%
Chlorobenzene	ND	0.007	mg/Kg	dry	28%
Chloroethane	ND	0.007	mg/Kg	dry	28%
Chloroform	ND	0.007	mg/Kg	dry	28%
Chloromethane	ND	0.007	mg/Kg	dry	28%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	28%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	28%
Dibromochloromethane	ND	0.007	mg/Kg	dry	28%
Dibromomethane	ND	0.007	mg/Kg	dry	28%
Ethylbenzene	ND	0.007	mg/Kg	dry	28%
Freon 113	ND	0.007	mg/Kg	dry	28%
Freon 12	ND	0.007	mg/Kg	dry	28%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	28%
Isopropylbenzene	ND	0.007	mg/Kg	dry	28%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-010 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	28%
MTBE	ND	0.007	mg/Kg	dry	28%
n-Butylbenzene	ND	0.007	mg/Kg	dry	28%
Naphthalene	ND	0.007	mg/Kg	dry	28%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	28%
Propylbenzene	ND	0.007	mg/Kg	dry	28%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	28%
Styrene	ND	0.007	mg/Kg	dry	28%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	28%
Tetrachloroethene	ND	0.007	mg/Kg	dry	28%
Toluene	ND	0.007	mg/Kg	dry	28%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	28%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	28%
Trichloroethene	ND	0.007	mg/Kg	dry	28%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	28%
Vinyl Chloride	ND	0.007	mg/Kg	dry	28%
m,p-Xylenes	ND	0.01	mg/Kg	dry	28%
o-Xylene	ND	0.007	mg/Kg	dry	28%
Xylene (total)	ND	0.02	mg/Kg		

533344-010 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	108	70-145	dry	28%
1,2-Dichloroethane-d4	109	70-145	dry	28%
Toluene-d8	97	70-145	dry	28%
Bromofluorobenzene	100	70-145	dry	28%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-12 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-011 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 1.008 **Analyzed:** 05/22/25

533344-011 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	26%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	26%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	26%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	26%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	26%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	26%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	26%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	26%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	26%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	26%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	26%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	26%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	26%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	26%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	26%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	26%
2-Butanone	ND	0.1	mg/Kg	dry	26%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	26%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	26%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	26%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	26%
Acetone	ND	0.1	mg/Kg	dry	26%
Benzene	ND	0.007	mg/Kg	dry	26%
Bromobenzene	ND	0.007	mg/Kg	dry	26%
Bromochloromethane	ND	0.007	mg/Kg	dry	26%
Bromodichloromethane	ND	0.007	mg/Kg	dry	26%
Bromoform	ND	0.007	mg/Kg	dry	26%
Bromomethane	ND	0.007	mg/Kg	dry	26%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	26%
Chlorobenzene	ND	0.007	mg/Kg	dry	26%
Chloroethane	ND	0.007	mg/Kg	dry	26%
Chloroform	ND	0.007	mg/Kg	dry	26%
Chloromethane	ND	0.007	mg/Kg	dry	26%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	26%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	26%
Dibromochloromethane	ND	0.007	mg/Kg	dry	26%
Dibromomethane	ND	0.007	mg/Kg	dry	26%
Ethylbenzene	ND	0.007	mg/Kg	dry	26%
Freon 113	ND	0.007	mg/Kg	dry	26%
Freon 12	ND	0.007	mg/Kg	dry	26%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	26%
Isopropylbenzene	ND	0.007	mg/Kg	dry	26%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-011 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	26%
MTBE	ND	0.007	mg/Kg	dry	26%
n-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Naphthalene	ND	0.007	mg/Kg	dry	26%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	26%
Propylbenzene	ND	0.007	mg/Kg	dry	26%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Styrene	ND	0.007	mg/Kg	dry	26%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	26%
Tetrachloroethene	ND	0.007	mg/Kg	dry	26%
Toluene	ND	0.007	mg/Kg	dry	26%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	26%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	26%
Trichloroethene	ND	0.007	mg/Kg	dry	26%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	26%
Vinyl Chloride	ND	0.007	mg/Kg	dry	26%
m,p-Xylenes	ND	0.01	mg/Kg	dry	26%
o-Xylene	ND	0.007	mg/Kg	dry	26%
Xylene (total)	ND	0.02	mg/Kg		

533344-011 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	105	70-145	dry	26%
1,2-Dichloroethane-d4	111	70-145	dry	26%
Toluene-d8	97	70-145	dry	26%
Bromofluorobenzene	102	70-145	dry	26%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-13 **Batch#:** 372077 **Prep:** EPA 5030B

Lab ID: 533344-012 **Sampled:** 05/16/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/16/25 **Analyst:** ZST

DF: 0.9921 **Analyzed:** 05/22/25

533344-012 Analyte	Result	RL	Units	Basis	Moisture
1,1-Dichloroethane	ND	0.007	mg/Kg	dry	25%
1,1-Dichloroethene	ND	0.007	mg/Kg	dry	25%
1,1-Dichloropropene	ND	0.007	mg/Kg	dry	25%
1,1,1-Trichloroethane	ND	0.007	mg/Kg	dry	25%
1,1,1,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	25%
1,1,2-Trichloroethane	ND	0.007	mg/Kg	dry	25%
1,1,2,2-Tetrachloroethane	ND	0.007	mg/Kg	dry	25%
1,2-Dibromo-3-Chloropropane	ND	0.007	mg/Kg	dry	25%
1,2-Dibromoethane	ND	0.007	mg/Kg	dry	25%
1,2-Dichlorobenzene	ND	0.007	mg/Kg	dry	25%
1,2-Dichloroethane	ND	0.007	mg/Kg	dry	25%
1,2-Dichloropropane	ND	0.007	mg/Kg	dry	25%
1,2,3-Trichlorobenzene	ND	0.007	mg/Kg	dry	25%
1,2,3-Trichloropropane	ND	0.007	mg/Kg	dry	25%
1,2,4-Trichlorobenzene	ND	0.007	mg/Kg	dry	25%
1,2,4-Trimethylbenzene	ND	0.007	mg/Kg	dry	25%
1,3-Dichlorobenzene	ND	0.007	mg/Kg	dry	25%
1,3-Dichloropropane	ND	0.007	mg/Kg	dry	25%
1,3,5-Trimethylbenzene	ND	0.007	mg/Kg	dry	25%
1,4-Dichlorobenzene	ND	0.007	mg/Kg	dry	25%
2-Butanone	ND	0.1	mg/Kg	dry	25%
2-Chlorotoluene	ND	0.007	mg/Kg	dry	25%
2,2-Dichloropropane	ND	0.007	mg/Kg	dry	25%
4-Chlorotoluene	ND	0.007	mg/Kg	dry	25%
4-Methyl-2-Pentanone	ND	0.007	mg/Kg	dry	25%
Acetone	ND	0.1	mg/Kg	dry	25%
Benzene	ND	0.007	mg/Kg	dry	25%
Bromobenzene	ND	0.007	mg/Kg	dry	25%
Bromochloromethane	ND	0.007	mg/Kg	dry	25%
Bromodichloromethane	ND	0.007	mg/Kg	dry	25%
Bromoform	ND	0.007	mg/Kg	dry	25%
Bromomethane	ND	0.007	mg/Kg	dry	25%
Carbon Tetrachloride	ND	0.007	mg/Kg	dry	25%
Chlorobenzene	ND	0.007	mg/Kg	dry	25%
Chloroethane	ND	0.007	mg/Kg	dry	25%
Chloroform	ND	0.007	mg/Kg	dry	25%
Chloromethane	ND	0.007	mg/Kg	dry	25%
cis-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	25%
cis-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	25%
Dibromochloromethane	ND	0.007	mg/Kg	dry	25%
Dibromomethane	ND	0.007	mg/Kg	dry	25%
Ethylbenzene	ND	0.007	mg/Kg	dry	25%
Freon 113	ND	0.007	mg/Kg	dry	25%
Freon 12	ND	0.007	mg/Kg	dry	25%
Hexachlorobutadiene	ND	0.007	mg/Kg	dry	25%
Isopropylbenzene	ND	0.007	mg/Kg	dry	25%

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533344-012 Analyte	Result	RL	Units	Basis	Moisture
Methylene Chloride	ND	0.01	mg/Kg	dry	25%
MTBE	ND	0.007	mg/Kg	dry	25%
n-Butylbenzene	ND	0.007	mg/Kg	dry	25%
Naphthalene	ND	0.007	mg/Kg	dry	25%
para-Isopropyl Toluene	ND	0.007	mg/Kg	dry	25%
Propylbenzene	ND	0.007	mg/Kg	dry	25%
sec-Butylbenzene	ND	0.007	mg/Kg	dry	25%
Styrene	ND	0.007	mg/Kg	dry	25%
tert-Butylbenzene	ND	0.007	mg/Kg	dry	25%
Tetrachloroethene	ND	0.007	mg/Kg	dry	25%
Toluene	ND	0.007	mg/Kg	dry	25%
trans-1,2-Dichloroethene	ND	0.007	mg/Kg	dry	25%
trans-1,3-Dichloropropene	ND	0.007	mg/Kg	dry	25%
Trichloroethene	ND	0.007	mg/Kg	dry	25%
Trichlorofluoromethane	ND	0.007	mg/Kg	dry	25%
Vinyl Chloride	ND	0.007	mg/Kg	dry	25%
m,p-Xylenes	ND	0.01	mg/Kg	dry	25%
o-Xylene	ND	0.007	mg/Kg	dry	25%
Xylene (total)	ND	0.02	mg/Kg		

533344-012 Surrogate	%REC	Limits	Basis	Moisture
Dibromofluoromethane	106	70-145	dry	25%
1,2-Dichloroethane-d4	110	70-145	dry	25%
Toluene-d8	97	70-145	dry	25%
Bromofluorobenzene	103	70-145	dry	25%

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BS **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1259828 **Batch#:** 372077 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 05/22/25 **Analyst:** HMN

QC1259828 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	0.05000	0.04848	97	70-131	mg/Kg
Benzene	0.05000	0.04928	99	70-130	mg/Kg
Chlorobenzene	0.05000	0.05023	100	70-130	mg/Kg
MTBE	0.05000	0.04822	96	69-130	mg/Kg
Toluene	0.05000	0.04922	98	70-130	mg/Kg
Trichloroethene	0.05000	0.04681	94	70-130	mg/Kg

QC1259828 Surrogate	%REC	Limits
Dibromofluoromethane	99	70-130
1,2-Dichloroethane-d4	97	70-145
Toluene-d8	103	70-145
Bromofluorobenzene	99	70-145

Type: BSD **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1259829 **Batch#:** 372077 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 05/22/25 **Analyst:** HMN

QC1259829 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	0.05000	0.05327	107	70-131	mg/Kg	9	33
Benzene	0.05000	0.05423	108	70-130	mg/Kg	10	30
Chlorobenzene	0.05000	0.05188	104	70-130	mg/Kg	3	30
MTBE	0.05000	0.05337	107	69-130	mg/Kg	10	30
Toluene	0.05000	0.05195	104	70-130	mg/Kg	5	30
Trichloroethene	0.05000	0.05024	100	70-130	mg/Kg	7	30

QC1259829 Surrogate	%REC	Limits
Dibromofluoromethane	102	70-130
1,2-Dichloroethane-d4	102	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	100	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BLANK **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1259833 **Batch#:** 372077 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 05/22/25 **Analyst:** HMN

QC1259833 Analyte	Result	RL	Units
1,1-Dichloroethane	ND	0.005	mg/Kg
1,1-Dichloroethene	ND	0.005	mg/Kg
1,1-Dichloropropene	ND	0.005	mg/Kg
1,1,1-Trichloroethane	ND	0.005	mg/Kg
1,1,1,2-Tetrachloroethane	ND	0.005	mg/Kg
1,1,2-Trichloroethane	ND	0.005	mg/Kg
1,1,2,2-Tetrachloroethane	ND	0.005	mg/Kg
1,2-Dibromo-3-Chloropropane	ND	0.005	mg/Kg
1,2-Dibromoethane	ND	0.005	mg/Kg
1,2-Dichlorobenzene	ND	0.005	mg/Kg
1,2-Dichloroethane	ND	0.005	mg/Kg
1,2-Dichloropropane	ND	0.005	mg/Kg
1,2,3-Trichlorobenzene	ND	0.005	mg/Kg
1,2,3-Trichloropropane	ND	0.005	mg/Kg
1,2,4-Trichlorobenzene	ND	0.005	mg/Kg
1,2,4-Trimethylbenzene	ND	0.005	mg/Kg
1,3-Dichlorobenzene	ND	0.005	mg/Kg
1,3-Dichloropropane	ND	0.005	mg/Kg
1,3,5-Trimethylbenzene	ND	0.005	mg/Kg
1,4-Dichlorobenzene	ND	0.005	mg/Kg
2-Butanone	ND	0.1	mg/Kg
2-Chlorotoluene	ND	0.005	mg/Kg
2,2-Dichloropropane	ND	0.005	mg/Kg
4-Chlorotoluene	ND	0.005	mg/Kg
4-Methyl-2-Pentanone	ND	0.005	mg/Kg
Acetone	ND	0.1	mg/Kg
Benzene	ND	0.005	mg/Kg
Bromobenzene	ND	0.005	mg/Kg
Bromochloromethane	ND	0.005	mg/Kg
Bromodichloromethane	ND	0.005	mg/Kg
Bromoform	ND	0.005	mg/Kg
Bromomethane	ND	0.005	mg/Kg
Carbon Tetrachloride	ND	0.005	mg/Kg
Chlorobenzene	ND	0.005	mg/Kg
Chloroethane	ND	0.005	mg/Kg
Chloroform	ND	0.005	mg/Kg
Chloromethane	ND	0.005	mg/Kg
cis-1,2-Dichloroethene	ND	0.005	mg/Kg
cis-1,3-Dichloropropene	ND	0.005	mg/Kg
Dibromochloromethane	ND	0.005	mg/Kg
Dibromomethane	ND	0.005	mg/Kg
Ethylbenzene	ND	0.005	mg/Kg
Freon 113	ND	0.005	mg/Kg
Freon 12	ND	0.005	mg/Kg
Hexachlorobutadiene	ND	0.005	mg/Kg
Isopropylbenzene	ND	0.005	mg/Kg
Methylene Chloride	ND	0.01	mg/Kg
MTBE	ND	0.005	mg/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

QC1259833 Analyte	Result	RL	Units
n-Butylbenzene	ND	0.005	mg/Kg
Naphthalene	ND	0.005	mg/Kg
para-Isopropyl Toluene	ND	0.005	mg/Kg
Propylbenzene	ND	0.005	mg/Kg
sec-Butylbenzene	ND	0.005	mg/Kg
Styrene	ND	0.005	mg/Kg
tert-Butylbenzene	ND	0.005	mg/Kg
Tetrachloroethene	ND	0.005	mg/Kg
Toluene	ND	0.005	mg/Kg
trans-1,2-Dichloroethene	ND	0.005	mg/Kg
trans-1,3-Dichloropropene	ND	0.005	mg/Kg
Trichloroethene	ND	0.005	mg/Kg
Trichlorofluoromethane	ND	0.005	mg/Kg
Vinyl Chloride	ND	0.005	mg/Kg
m,p-Xylenes	ND	0.01	mg/Kg
o-Xylene	ND	0.005	mg/Kg
Xylene (total)	ND	0.02	mg/Kg

QC1259833 Surrogate	%REC	Limits
Dibromofluoromethane	110	70-130
1,2-Dichloroethane-d4	107	70-145
Toluene-d8	98	70-145
Bromofluorobenzene	104	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: ZZZZZZZZZZ **Basis:** as received **Analyzed:** 05/22/25

Type: MS **DF:** 1.000 **Prep:** EPA 5030B

MSS Lab ID: 533677-004 **Batch#:** 372077 **Analysis:** EPA 8260B

Lab ID: QC1259835 **Sampled:** 05/20/25 **Analyst:** HMN

Matrix: Soil **Received:** 05/21/25

QC1259835 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	<0.0009214	0.02000	0.01429	71	70-141	mg/Kg
Benzene	<0.0007849	0.02000	0.01428	71	70-130	mg/Kg
Chlorobenzene	<0.0007282	0.02000	0.01219	61 *	70-130	mg/Kg
MTBE	<0.0005941	0.02000	0.01222	61	59-130	mg/Kg
Toluene	<0.0009320	0.02000	0.01180	59 *	70-130	mg/Kg
Trichloroethene	<0.0008451	0.02000	0.01944	97	69-130	mg/Kg

QC1259835 Surrogate	%REC	Limits
Dibromofluoromethane	104	70-145
1,2-Dichloroethane-d4	112	70-145
Toluene-d8	93	70-145
Bromofluorobenzene	97	70-145

Field ID: ZZZZZZZZZZ **Basis:** as received **Analyzed:** 05/22/25

Type: MSD **DF:** 1.000 **Prep:** EPA 5030B

MSS Lab ID: 533677-004 **Batch#:** 372077 **Analysis:** EPA 8260B

Lab ID: QC1259836 **Sampled:** 05/20/25 **Analyst:** HMN

Matrix: Soil **Received:** 05/21/25

QC1259836 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	0.02000	0.01446	72	70-141	mg/Kg	1	43
Benzene	0.02000	0.01399	70	70-130	mg/Kg	2	30
Chlorobenzene	0.02000	0.01217	61 *	70-130	mg/Kg	0	30
MTBE	0.02000	0.01281	64	59-130	mg/Kg	5	30
Toluene	0.02000	0.01221	61 *	70-130	mg/Kg	3	30
Trichloroethene	0.02000	0.02021	101	69-130	mg/Kg	4	30

QC1259836 Surrogate	%REC	Limits
Dibromofluoromethane	101	70-145
1,2-Dichloroethane-d4	106	70-145
Toluene-d8	99	70-145
Bromofluorobenzene	100	70-145

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Moisture

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-1	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-001	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-001 Analyte	Result	RL	Units
Moisture, Percent	**19**	1	%

Field ID: RB-2	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-002	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-002 Analyte	Result	RL	Units
Moisture, Percent	**10**	1	%

Field ID: RB-3	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-003	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-003 Analyte	Result	RL	Units
Moisture, Percent	**26**	1	%

Field ID: RB-4	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-004	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-004 Analyte	Result	RL	Units
Moisture, Percent	**12**	1	%

Field ID: RB-5	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-005	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-005 Analyte	Result	RL	Units
Moisture, Percent	**22**	1	%

Field ID: RB-6	**Batch#:** 372150	**Analyzed:** 05/24/25	
Lab ID: 533344-006	**Sampled:** 05/16/25	**Prep:** METHOD	
Matrix: Soil	**Received:** 05/16/25	**Analysis:** ASTM D2216	
DF: 1.000	**Prepared:** 05/23/25	**Analyst:** CDR	

533344-006 Analyte	Result	RL	Units
Moisture, Percent	**16**	1	%

ENTHALPY ANALYTICAL

Moisture

Lab #: 533344 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-7 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-007 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-007 Analyte	Result	RL	Units
Moisture, Percent	**19**	1	%

Field ID: RB-9 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-008 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-008 Analyte	Result	RL	Units
Moisture, Percent	**14**	1	%

Field ID: RB-10 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-009 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-009 Analyte	Result	RL	Units
Moisture, Percent	**27**	1	%

Field ID: RB-11 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-010 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-010 Analyte	Result	RL	Units
Moisture, Percent	**28**	1	%

Field ID: RB-12 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-011 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-011 Analyte	Result	RL	Units
Moisture, Percent	**26**	1	%

Field ID: RB-13 **Batch#:** 372150 **Analyzed:** 05/24/25
Lab ID: 533344-012 **Sampled:** 05/16/25 **Prep:** METHOD
Matrix: Soil **Received:** 05/16/25 **Analysis:** ASTM D2216
DF: 1.000 **Prepared:** 05/23/25 **Analyst:** CDR

533344-012 Analyte	Result	RL	Units
Moisture, Percent	**25**	1	%

Legend
RL: Reporting Limit

ENTHALPY ANALYTICAL

Moisture: Batch QC

Lab #: 533344 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	ZZZZZZZZZZ	**DF:**	1.000	**Analyzed:**	05/24/25
Type:	SDUP	**Batch#:**	372150	**Prep:**	METHOD
MSS Lab ID:	533345-008	**Sampled:**	05/16/25	**Analysis:**	ASTM D2216
Lab ID:	QC1260206	**Received:**	05/16/25	**Analyst:**	CDR
Matrix:	Soil	**Prepared:**	05/23/25		

QC1260206 Analyte	MSS Result	Result	RL	Units	RPD	Lim
Moisture, Percent	8.362	**8.502**	1.000	%	2	20

Legend

RL: Reporting Limit

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 533499
Report Level : II
Report Date : 05/23/2025

Analytical Report *prepared for:*

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Project: 5022.0001L000 - CC-3199 Alvarado St.

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA
94607

Lab Job #:	533499
Project No:	5022.0001L000
Location:	CC-3199 Alvarado St.
Date Received:	05/20/25

Sample ID	Lab ID	Collected	Matrix
RB-10	533499-001	05/20/25 09:39	Air
RB-5	533499-002	05/20/25 10:22	Air
RB-2	533499-003	05/20/25 11:06	Air
RB-9	533499-004	05/20/25 11:53	Air
RB-11	533499-005	05/20/25 12:37	Air
RB-12	533499-006	05/20/25 08:51	Air
DUP-01	533499-007	05/20/25 08:51	Air
RB-4	533499-008	05/20/25 10:13	Air
RB-3	533499-009	05/20/25 11:01	Air
RB-6	533499-010	05/20/25 09:20	Air
DUP-02	533499-011	05/20/25 10:13	Air
RB-1	533499-012	05/20/25 11:42	Air
RB-7	533499-013	05/20/25 12:23	Air

ENTHALPY ANALYTICAL

Case Narrative

Roux Associates 555 12th Street Suite 250 Oakland, CA 94607 Bennett Solomon	Lab Job Number: 533499 Project No: 5022.0001L000 Location: CC-3199 Alvarado St. Date Received: 05/20/25

This data package contains sample and QC results for thirteen air samples, requested for the above referenced project on 05/21/25. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):
No analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Lab Job #: 533499
Project No: 5022.0001L000
Location: CC-3199 Alvarado St.
Date Received: 05/20/25

Sample ID: RB-10 **Lab ID: 533499-001** **Collected: 05/20/25 09:39**
Matrix: Air

533499-001 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Trichlorofluoromethane	**0.39**		ppbv	0.36
Trichlorofluoromethane	**2.2**		ug/m3	2.0
Acetone	**1.9**		ppbv	1.8
Acetone	**4.5**		ug/m3	4.3
Carbon Disulfide	**2.4**		ppbv	0.36
Carbon Disulfide	**7.5**		ug/m3	1.1
Chloroform	**1.9**		ppbv	0.36
Chloroform	**9.1**		ug/m3	1.8
Toluene	**2.1**		ppbv	0.36
Toluene	**8.0**		ug/m3	1.4
m,p-Xylenes	**0.94**		ppbv	0.72
m,p-Xylenes	**4.1**		ug/m3	3.1
o-Xylene	**0.53**		ppbv	0.36
o-Xylene	**2.3**		ug/m3	1.6
Styrene	**14**		ppbv	0.36
Styrene	**62**		ug/m3	1.5
1,2,4-Trimethylbenzene	**0.41**		ppbv	0.36
1,2,4-Trimethylbenzene	**2.0**		ug/m3	1.8
Xylene (total)	**1.5**		ppbv	0.36
Xylene (total)	**6.4**		ug/m3	1.6

Sample ID: RB-5 **Lab ID: 533499-002** **Collected: 05/20/25 10:22**
Matrix: Air

533499-002 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Carbon Disulfide	**6.7**		ppbv	2.0
Carbon Disulfide	**21**		ug/m3	6.2
Tetrachloroethene	**340**		ppbv	2.0
Tetrachloroethene	**2,300**		ug/m3	14

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-2	Lab ID: 533499-003	Collected: 05/20/25 11:06
	Matrix: Air	

533499-003 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Trichlorofluoromethane	**3.0**		ppbv	1.4
Trichlorofluoromethane	**17**		ug/m3	8.1
Freon 113	**2.7**		ppbv	1.4
Freon 113	**21**		ug/m3	11
Acetone	**15**		ppbv	7.2
Acetone	**36**		ug/m3	17
Carbon Disulfide	**2.6**		ppbv	1.4
Carbon Disulfide	**8.1**		ug/m3	4.5
Isopropanol (IPA)	**15**		ppbv	7.2
Isopropanol (IPA)	**38**		ug/m3	18
Chloroform	**1.7**		ppbv	1.4
Chloroform	**8.1**		ug/m3	7.0
1,1,1-Trichloroethane	**4.9**		ppbv	1.4
1,1,1-Trichloroethane	**27**		ug/m3	7.9
Trichloroethene	**32**		ppbv	1.4
Trichloroethene	**170**		ug/m3	7.7
Toluene	**2.8**		ppbv	1.4
Toluene	**11**		ug/m3	5.4
Tetrachloroethene	**240**		ppbv	1.4
Tetrachloroethene	**1,600**		ug/m3	9.8

Sample ID: RB-9	Lab ID: 533499-004	Collected: 05/20/25 11:53
	Matrix: Air	

533499-004 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 113	**3.3**		ppbv	2.9
Freon 113	**25**		ug/m3	22
Tetrachloroethene	**590**		ppbv	2.9
Tetrachloroethene	**4,000**		ug/m3	20

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-11	Lab ID: 533499-005	Collected: 05/20/25 12:37
	Matrix: Air	

533499-005 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.36**		ppbv	0.36
Freon 12	**1.8**		ug/m3	1.8
Trichlorofluoromethane	**0.37**		ppbv	0.36
Trichlorofluoromethane	**2.1**		ug/m3	2.0
Acetone	**3.8**		ppbv	1.8
Acetone	**9.1**		ug/m3	4.3
Carbon Disulfide	**4.3**		ppbv	0.36
Carbon Disulfide	**13**		ug/m3	1.1
Isopropanol (IPA)	**2.2**		ppbv	1.8
Isopropanol (IPA)	**5.3**		ug/m3	4.4
Toluene	**2.1**		ppbv	0.36
Toluene	**8.1**		ug/m3	1.4
Tetrachloroethene	**4.6**		ppbv	0.36
Tetrachloroethene	**31**		ug/m3	2.4
Ethylbenzene	**0.83**		ppbv	0.36
Ethylbenzene	**3.6**		ug/m3	1.6
m,p-Xylenes	**3.5**		ppbv	0.72
m,p-Xylenes	**15**		ug/m3	3.1
o-Xylene	**1.4**		ppbv	0.36
o-Xylene	**6.0**		ug/m3	1.6
4-Ethyltoluene	**0.42**		ppbv	0.36
4-Ethyltoluene	**2.1**		ug/m3	1.8
1,3,5-Trimethylbenzene	**0.61**		ppbv	0.36
1,3,5-Trimethylbenzene	**3.0**		ug/m3	1.8
1,2,4-Trimethylbenzene	**2.2**		ppbv	0.36
1,2,4-Trimethylbenzene	**11**		ug/m3	1.8
Xylene (total)	**4.8**		ppbv	0.36
Xylene (total)	**21**		ug/m3	1.6

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-12	Lab ID: 533499-006	Collected: 05/20/25 08:51
	Matrix: Air	

533499-006 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.38**		ppbv	0.36
Freon 12	**1.9**		ug/m3	1.8
Trichlorofluoromethane	**0.37**		ppbv	0.36
Trichlorofluoromethane	**2.1**		ug/m3	2.0
Acetone	**2.8**		ppbv	1.8
Acetone	**6.6**		ug/m3	4.3
Carbon Disulfide	**11**		ppbv	0.36
Carbon Disulfide	**33**		ug/m3	1.1
Chloroform	**2.0**		ppbv	0.36
Chloroform	**9.8**		ug/m3	1.8
Toluene	**1.6**		ppbv	0.36
Toluene	**6.0**		ug/m3	1.4
Ethylbenzene	**0.64**		ppbv	0.36
Ethylbenzene	**2.8**		ug/m3	1.6
m,p-Xylenes	**2.1**		ppbv	0.72
m,p-Xylenes	**9.2**		ug/m3	3.1
o-Xylene	**0.84**		ppbv	0.36
o-Xylene	**3.7**		ug/m3	1.6
1,2,4-Trimethylbenzene	**1.2**		ppbv	0.36
1,2,4-Trimethylbenzene	**6.0**		ug/m3	1.8
Xylene (total)	**3.0**		ppbv	0.36
Xylene (total)	**13**		ug/m3	1.6

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: DUP-01	Lab ID: 533499-007	Collected: 05/20/25 08:51
	Matrix: Air	

533499-007 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.40**		ppbv	0.36
Freon 12	**2.0**		ug/m3	1.8
Trichlorofluoromethane	**0.42**		ppbv	0.36
Trichlorofluoromethane	**2.4**		ug/m3	2.0
Acetone	**2.4**		ppbv	1.8
Acetone	**5.8**		ug/m3	4.3
Carbon Disulfide	**9.7**		ppbv	0.36
Carbon Disulfide	**30**		ug/m3	1.1
Chloroform	**1.8**		ppbv	0.36
Chloroform	**8.9**		ug/m3	1.8
Toluene	**1.5**		ppbv	0.36
Toluene	**5.7**		ug/m3	1.4
Ethylbenzene	**0.64**		ppbv	0.36
Ethylbenzene	**2.8**		ug/m3	1.6
m,p-Xylenes	**2.2**		ppbv	0.72
m,p-Xylenes	**9.7**		ug/m3	3.1
o-Xylene	**0.86**		ppbv	0.36
o-Xylene	**3.7**		ug/m3	1.6
1,3,5-Trimethylbenzene	**0.37**		ppbv	0.36
1,3,5-Trimethylbenzene	**1.8**		ug/m3	1.8
1,2,4-Trimethylbenzene	**1.4**		ppbv	0.36
1,2,4-Trimethylbenzene	**6.9**		ug/m3	1.8
Xylene (total)	**3.1**		ppbv	0.36
Xylene (total)	**13**		ug/m3	1.6

Sample ID: RB-4	Lab ID: 533499-008	Collected: 05/20/25 10:13
	Matrix: Air	

533499-008 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Trichloroethene	**33**		ppbv	9.6
Trichloroethene	**180**		ug/m3	52
Tetrachloroethene	**1,900**		ppbv	9.6
Tetrachloroethene	**13,000**		ug/m3	65

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-3	Lab ID: 533499-009	Collected: 05/20/25 11:01
	Matrix: Air	

533499-009 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
1,1,1-Trichloroethane	**29**		ppbv	6.4
1,1,1-Trichloroethane	**160**		ug/m3	35
Trichloroethene	**12**		ppbv	6.4
Trichloroethene	**67**		ug/m3	34
Tetrachloroethene	**1,100**		ppbv	6.4
Tetrachloroethene	**7,400**		ug/m3	43

Sample ID: RB-6	Lab ID: 533499-010	Collected: 05/20/25 09:20
	Matrix: Air	

533499-010 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Trichlorofluoromethane	**0.64**		ppbv	0.40
Trichlorofluoromethane	**3.6**		ug/m3	2.2
Acetone	**3.4**		ppbv	2.0
Acetone	**8.0**		ug/m3	4.8
Carbon Disulfide	**0.74**		ppbv	0.40
Carbon Disulfide	**2.3**		ug/m3	1.2
n-Hexane	**0.60**		ppbv	0.40
n-Hexane	**2.1**		ug/m3	1.4
Chloroform	**1.3**		ppbv	0.40
Chloroform	**6.4**		ug/m3	2.0
Benzene	**1.0**		ppbv	0.40
Benzene	**3.2**		ug/m3	1.3
Toluene	**24**		ppbv	0.40
Toluene	**91**		ug/m3	1.5
Tetrachloroethene	**100**		ppbv	0.80
Tetrachloroethene	**710**		ug/m3	5.4
Ethylbenzene	**1.2**		ppbv	0.40
Ethylbenzene	**5.4**		ug/m3	1.7
m,p-Xylenes	**5.4**		ppbv	0.80
m,p-Xylenes	**23**		ug/m3	3.5
o-Xylene	**1.5**		ppbv	0.40
o-Xylene	**6.4**		ug/m3	1.7
Xylene (total)	**6.8**		ppbv	0.40
Xylene (total)	**30**		ug/m3	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: DUP-02	Lab ID: 533499-011	Collected: 05/20/25 10:13
	Matrix: Air	

533499-011 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Trichloroethene	**34**		ppbv	9.6
Trichloroethene	**180**		ug/m3	52
Tetrachloroethene	**1,900**		ppbv	9.6
Tetrachloroethene	**13,000**		ug/m3	65

Sample ID: RB-1	Lab ID: 533499-012	Collected: 05/20/25 11:42
	Matrix: Air	

533499-012 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**2.3**		ppbv	0.40
Freon 12	**11**		ug/m3	2.0
Trichlorofluoromethane	**0.58**		ppbv	0.40
Trichlorofluoromethane	**3.3**		ug/m3	2.2
Freon 113	**4.0**		ppbv	0.40
Freon 113	**31**		ug/m3	3.1
Acetone	**3.1**		ppbv	2.0
Acetone	**7.3**		ug/m3	4.8
Carbon Disulfide	**1.8**		ppbv	0.40
Carbon Disulfide	**5.7**		ug/m3	1.2
Isopropanol (IPA)	**2.4**		ppbv	2.0
Isopropanol (IPA)	**6.0**		ug/m3	4.9
n-Hexane	**2.0**		ppbv	0.40
n-Hexane	**7.0**		ug/m3	1.4
Chloroform	**0.54**		ppbv	0.40
Chloroform	**2.7**		ug/m3	2.0
Toluene	**2.0**		ppbv	0.40
Toluene	**7.6**		ug/m3	1.5
Tetrachloroethene	**33**		ppbv	0.40
Tetrachloroethene	**230**		ug/m3	2.7
Ethylbenzene	**0.80**		ppbv	0.40
Ethylbenzene	**3.5**		ug/m3	1.7
m,p-Xylenes	**2.7**		ppbv	0.80
m,p-Xylenes	**12**		ug/m3	3.5
o-Xylene	**1.1**		ppbv	0.40
o-Xylene	**4.9**		ug/m3	1.7
1,2,4-Trimethylbenzene	**1.3**		ppbv	0.40
1,2,4-Trimethylbenzene	**6.2**		ug/m3	2.0
Xylene (total)	**3.8**		ppbv	0.40
Xylene (total)	**16**		ug/m3	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: RB-7	Lab ID: 533499-013	Collected: 05/20/25 12:23
	Matrix: Air	

533499-013 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Carbon Disulfide	**3.8**		ppbv	3.2
Carbon Disulfide	**12**		ug/m3	10
1,1,1-Trichloroethane	**4.5**		ppbv	3.2
1,1,1-Trichloroethane	**25**		ug/m3	17
Trichloroethene	**10**		ppbv	3.2
Trichloroethene	**54**		ug/m3	17
Toluene	**5.6**		ppbv	3.2
Toluene	**21**		ug/m3	12
Tetrachloroethene	**720**		ppbv	3.2
Tetrachloroethene	**4,900**		ug/m3	22
m,p-Xylenes	**6.8**		ppbv	6.4
m,p-Xylenes	**30**		ug/m3	28
Xylene (total)	**6.8**		ppbv	3.2
Xylene (total)	**30**		ug/m3	14

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 533499

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Emeryville

5900 Hollis Street, Suite L, Emeryville, CA 94608

Phone 510-486-0900

Special Instructions:

Login 533499

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ruux Associates, Inc.	Name:	CC-3199 Alvarado St.
Report To:	B. Suluman / J. Osborne	Number:	5022.000LC000
Email:	bsuluman@ruxinc.com josborne@ruxinc.com	P.O. #:	
Address:	555 12 St, Ste 250, Oakland	Address:	3199 ~~Alvarado~~ Alvarado St.
Phone:		Global ID:	
Fax:		Sampled By:	B. Suluman

	Sample ID	Type: (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: TO-15 (VOC)	Helium (ASTM D1946)
1	RB-10	SV	C11906	1L	A10373	5/20/25	0931	-29	5/20/25	0939	-5	X	X
2	RB-5	↓	C10407	↓	A10588	↓	1015	-31	↓	1022	-5	↓	↓
3	RB-2	↓	C10398	↓	A10069	↓	1059	-29	↓	1106	-5	↓	↓
4	RB-9	↓	C10021	↓	A11065	↓	1146	-30	↓	1153	-5	↓	↓
5	RB-11	↓	C11911	↓	A10917	↓	1231	-29	↓	1237	-5	↓	↓
6													
7													
8													
9													
10													

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	BSA	Bennett Suluman	Ruux / Staff E	5/20/25 1336
[1] Received By:		TEA PE	Enthalpy	5-20-25 1336
[2] Relinquished By:		Jade Peterson	Enthalpy	5.20.25 14:39
[2] Received By:		Jesse Rivera	EA	5-21-25 1050
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 533499

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Emeryville

5900 Hollis Street, Suite L, Emeryville, CA 94608

Phone 510-486-0900

Special Instructions:

Login 533499

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rao Associates	Name:	3199 Alvarado St
Report To:		Number:	
Email:		P.O. #:	
Address:	685 12th St, suite 280, Oakland, CA	Address:	3199 Alvarado St, San Leandro, CA
Phone:		Global ID:	
Fax:		Sampled By:	Anneke Vonk, Bennett Soloman

	Sample ID	Type (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: TO-15 (VOCs)	Helium by ASTM D 1946
6	~~1~~ RB-12	SV	C10334	1L	A10441	5-20-25	0837	-30	0851	5-20-25	-5	X	X
7	~~2~~ DUP-01		C10432		A10441		0837	-30	0851	5-20-25	-5	X	X
8	~~3~~ RB-4		C11804		A11064		0958	-30	5-20-25	1013	-4	X	X
9	~~4~~ RB-3		C10406		A11056		1054	-28	"	1101	-5	X	X
10	~~5~~ RB-6		C10457		A10411		0914	-29		0920	-5	X	X
11	~~6~~ DUP-02		C10659		A11064		0958	-30		1013	-4	X	X
12	~~7~~ RB-1		C10448		A10756		1135	-30		1142	-5	X	X
13	~~8~~ RB-7		C10223		A10578		1216	-28		1223	-5	X	X
9													
10													

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Bennett Soloman	Rao / Staff I	5/20/25 1336
[1] Received By:		TEA PE	Enthalpy	5-20-25 1336
[2] Relinquished By:		Jaz Peterson	Enthalpy	5.20.25 14:37
[2] Received By:		Jesse Rivera	EA	5-21-25 1050
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info
Date Received: 5/20 WO# 533499 Client: ROUX

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No
Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples
☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**
Date Opened 5/20 By (initials) TEAPE Type of ice used: ☐ Wet ☐ Blue/Gel ☒ None
☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)
☒ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)
If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: _____ CF: _____
Cooler Temp (°C) #1: _____/_____ #2: _____/_____ #3: _____/_____ #4: _____/_____ #5: _____/_____ #6: _____/_____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**
☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.
☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☐ **No air samples submitted (skip 3c)**
☒ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	✓		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	✓		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			✓
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	✓		
7) Does the container count match the CoC?	✓		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?	✓		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments
(If no comments are made, then no discrepancies noted.)

JJP 5.20.25

☐ **No additional discrepancies**

Date Logged 5.20.25 **By (print)** JJP FOR MAY (sign) _____
Date Labeled 5.20.25 **By (print)** Jadz Peterson (sign) _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 5/21/25 WO# 533499 Client: ROUX-OAK

Section 2: Shipping / Custody **Are custody seals present?** ☒ **Yes** ☐ **No**

Custody seals intact on arrival? ☐ N/A ■ Yes ☐ No ■ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ■ Shipping Info: Southwest

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 5/21/25 By (initials) JXR Type of ice used: ☐ Wet ☐ Blue/Gel ■ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

■ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____/_____ Thermometer/IR Gun:_____CF:_____

Cooler Temp (°C) #1:_____/_____ #2:_____/_____ #3:_____/_____ #4:_____/_____ #5:_____/_____ #6:_____/_____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☐ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X *		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?			X

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4, 6 No sampling date or time on sample labels

☐ **No additional discrepancies**

Date Logged 5/20/25 **By (print)** EMV **(sign)**_____

Date Labeled 5/20/25 **By (print)** EMV **(sign)**_____


SOUTHWEST AIRLINES
Printed on:
11 APR 20:08
526 OAK 2663 7693
ONT
PC#
7 OF 11
DG
G
LOT WT
515 LB
(233.6 KG)
OAK WN 653 12 APR 11:35
STN FLT DATE ETD LOT 01
PC ID: 0007
PC WT: 47LB
526 26637693 0007
S

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-10 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-001 **Sampled:** 05/20/25 09:39 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 1.800 **Analyzed:** 05/22/25 17:12

533499-001 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.8	ppbv	ND	4.9	ug/m3
Freon 12	ND	0.36	ppbv	ND	1.8	ug/m3
Freon 114	ND	0.36	ppbv	ND	2.5	ug/m3
Chloromethane	ND	0.36	ppbv	ND	0.74	ug/m3
Vinyl Chloride	ND	0.36	ppbv	ND	0.92	ug/m3
Bromomethane	ND	0.36	ppbv	ND	1.4	ug/m3
Chloroethane	ND	0.36	ppbv	ND	0.95	ug/m3
Trichlorofluoromethane	**0.39**	0.36	ppbv	**2.2**	2.0	ug/m3
1,1-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
Freon 113	ND	0.36	ppbv	ND	2.8	ug/m3
Acetone	**1.9**	1.8	ppbv	**4.5**	4.3	ug/m3
Carbon Disulfide	**2.4**	0.36	ppbv	**7.5**	1.1	ug/m3
Isopropanol (IPA)	ND	1.8	ppbv	ND	4.4	ug/m3
Methylene Chloride	ND	0.36	ppbv	ND	1.3	ug/m3
trans-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
MTBE	ND	0.36	ppbv	ND	1.3	ug/m3
n-Hexane	ND	0.36	ppbv	ND	1.3	ug/m3
1,1-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Vinyl Acetate	ND	1.8	ppbv	ND	6.3	ug/m3
cis-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
2-Butanone	ND	1.8	ppbv	ND	5.3	ug/m3
Chloroform	**1.9**	0.36	ppbv	**9.1**	1.8	ug/m3
1,1,1-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Carbon Tetrachloride	ND	0.36	ppbv	ND	2.3	ug/m3
Benzene	ND	0.36	ppbv	ND	1.2	ug/m3
1,2-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Trichloroethene	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichloropropane	ND	0.36	ppbv	ND	1.7	ug/m3
Bromodichloromethane	ND	0.36	ppbv	ND	2.4	ug/m3
cis-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
4-Methyl-2-Pentanone	ND	0.36	ppbv	ND	1.5	ug/m3
Toluene	**2.1**	0.36	ppbv	**8.0**	1.4	ug/m3
trans-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
1,1,2-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Tetrachloroethene	ND	0.36	ppbv	ND	2.4	ug/m3
2-Hexanone	ND	0.90	ppbv	ND	3.7	ug/m3
Dibromochloromethane	ND	0.36	ppbv	ND	3.1	ug/m3
1,2-Dibromoethane	ND	0.36	ppbv	ND	2.8	ug/m3
Chlorobenzene	ND	0.36	ppbv	ND	1.7	ug/m3
Ethylbenzene	ND	0.36	ppbv	ND	1.6	ug/m3
m,p-Xylenes	**0.94**	0.72	ppbv	**4.1**	3.1	ug/m3
o-Xylene	**0.53**	0.36	ppbv	**2.3**	1.6	ug/m3
Styrene	**14**	0.36	ppbv	**62**	1.5	ug/m3
Bromoform	ND	0.36	ppbv	ND	3.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-001 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	0.36	ppbv	ND	1.8	ug/m3
1,3,5-Trimethylbenzene	ND	0.36	ppbv	ND	1.8	ug/m3
1,2,4-Trimethylbenzene	**0.41**	0.36	ppbv	**2.0**	1.8	ug/m3
1,3-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,4-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
Benzyl chloride	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.36	ppbv	ND	2.7	ug/m3
Hexachlorobutadiene	ND	0.36	ppbv	ND	3.8	ug/m3
Naphthalene	ND	1.8	ppbv	ND	9.4	ug/m3
Xylene (total)	**1.5**	0.36	ppbv	**6.4**	1.6	ug/m3

533499-001 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	97	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-5 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-002 **Sampled:** 05/20/25 10:22 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 10.00 **Analyzed:** 05/22/25 17:39

533499-002 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	10	ppbv	ND	27	ug/m3
Freon 12	ND	2.0	ppbv	ND	9.9	ug/m3
Freon 114	ND	2.0	ppbv	ND	14	ug/m3
Chloromethane	ND	2.0	ppbv	ND	4.1	ug/m3
Vinyl Chloride	ND	2.0	ppbv	ND	5.1	ug/m3
Bromomethane	ND	2.0	ppbv	ND	7.8	ug/m3
Chloroethane	ND	2.0	ppbv	ND	5.3	ug/m3
Trichlorofluoromethane	ND	2.0	ppbv	ND	11	ug/m3
1,1-Dichloroethene	ND	2.0	ppbv	ND	7.9	ug/m3
Freon 113	ND	2.0	ppbv	ND	15	ug/m3
Acetone	ND	10	ppbv	ND	24	ug/m3
Carbon Disulfide	**6.7**	2.0	ppbv	**21**	6.2	ug/m3
Isopropanol (IPA)	ND	10	ppbv	ND	25	ug/m3
Methylene Chloride	ND	2.0	ppbv	ND	6.9	ug/m3
trans-1,2-Dichloroethene	ND	2.0	ppbv	ND	7.9	ug/m3
MTBE	ND	2.0	ppbv	ND	7.2	ug/m3
n-Hexane	ND	2.0	ppbv	ND	7.0	ug/m3
1,1-Dichloroethane	ND	2.0	ppbv	ND	8.1	ug/m3
Vinyl Acetate	ND	10	ppbv	ND	35	ug/m3
cis-1,2-Dichloroethene	ND	2.0	ppbv	ND	7.9	ug/m3
2-Butanone	ND	10	ppbv	ND	29	ug/m3
Chloroform	ND	2.0	ppbv	ND	9.8	ug/m3
1,1,1-Trichloroethane	ND	2.0	ppbv	ND	11	ug/m3
Carbon Tetrachloride	ND	2.0	ppbv	ND	13	ug/m3
Benzene	ND	2.0	ppbv	ND	6.4	ug/m3
1,2-Dichloroethane	ND	2.0	ppbv	ND	8.1	ug/m3
Trichloroethene	ND	2.0	ppbv	ND	11	ug/m3
1,2-Dichloropropane	ND	2.0	ppbv	ND	9.2	ug/m3
Bromodichloromethane	ND	2.0	ppbv	ND	13	ug/m3
cis-1,3-Dichloropropene	ND	2.0	ppbv	ND	9.1	ug/m3
4-Methyl-2-Pentanone	ND	2.0	ppbv	ND	8.2	ug/m3
Toluene	ND	2.0	ppbv	ND	7.5	ug/m3
trans-1,3-Dichloropropene	ND	2.0	ppbv	ND	9.1	ug/m3
1,1,2-Trichloroethane	ND	2.0	ppbv	ND	11	ug/m3
Tetrachloroethene	**340**	2.0	ppbv	**2,300**	14	ug/m3
2-Hexanone	ND	5.0	ppbv	ND	20	ug/m3
Dibromochloromethane	ND	2.0	ppbv	ND	17	ug/m3
1,2-Dibromoethane	ND	2.0	ppbv	ND	15	ug/m3
Chlorobenzene	ND	2.0	ppbv	ND	9.2	ug/m3
Ethylbenzene	ND	2.0	ppbv	ND	8.7	ug/m3
m,p-Xylenes	ND	4.0	ppbv	ND	17	ug/m3
o-Xylene	ND	2.0	ppbv	ND	8.7	ug/m3
Styrene	ND	2.0	ppbv	ND	8.5	ug/m3
Bromoform	ND	2.0	ppbv	ND	21	ug/m3
1,1,2,2-Tetrachloroethane	ND	2.0	ppbv	ND	14	ug/m3
1,1,1,2-Tetrachloroethane	ND	2.0	ppbv	ND	14	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-002 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	2.0	ppbv	ND	9.8	ug/m3
1,3,5-Trimethylbenzene	ND	2.0	ppbv	ND	9.8	ug/m3
1,2,4-Trimethylbenzene	ND	2.0	ppbv	ND	9.8	ug/m3
1,3-Dichlorobenzene	ND	2.0	ppbv	ND	12	ug/m3
1,4-Dichlorobenzene	ND	2.0	ppbv	ND	12	ug/m3
Benzyl chloride	ND	2.0	ppbv	ND	10	ug/m3
1,2-Dichlorobenzene	ND	2.0	ppbv	ND	12	ug/m3
1,2,4-Trichlorobenzene	ND	2.0	ppbv	ND	15	ug/m3
Hexachlorobutadiene	ND	2.0	ppbv	ND	21	ug/m3
Naphthalene	ND	10	ppbv	ND	52	ug/m3
Xylene (total)	ND	2.0	ppbv	ND	8.7	ug/m3

533499-002 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	91	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-2 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-003 **Sampled:** 05/20/25 11:06 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 7.200 **Analyzed:** 05/22/25 18:07

533499-003 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	7.2	ppbv	ND	19	ug/m3
Freon 12	ND	1.4	ppbv	ND	7.1	ug/m3
Freon 114	ND	1.4	ppbv	ND	10	ug/m3
Chloromethane	ND	1.4	ppbv	ND	3.0	ug/m3
Vinyl Chloride	ND	1.4	ppbv	ND	3.7	ug/m3
Bromomethane	ND	1.4	ppbv	ND	5.6	ug/m3
Chloroethane	ND	1.4	ppbv	ND	3.8	ug/m3
Trichlorofluoromethane	**3.0**	1.4	ppbv	**17**	8.1	ug/m3
1,1-Dichloroethene	ND	1.4	ppbv	ND	5.7	ug/m3
Freon 113	**2.7**	1.4	ppbv	**21**	11	ug/m3
Acetone	**15**	7.2	ppbv	**36**	17	ug/m3
Carbon Disulfide	**2.6**	1.4	ppbv	**8.1**	4.5	ug/m3
Isopropanol (IPA)	**15**	7.2	ppbv	**38**	18	ug/m3
Methylene Chloride	ND	1.4	ppbv	ND	5.0	ug/m3
trans-1,2-Dichloroethene	ND	1.4	ppbv	ND	5.7	ug/m3
MTBE	ND	1.4	ppbv	ND	5.2	ug/m3
n-Hexane	ND	1.4	ppbv	ND	5.1	ug/m3
1,1-Dichloroethane	ND	1.4	ppbv	ND	5.8	ug/m3
Vinyl Acetate	ND	7.2	ppbv	ND	25	ug/m3
cis-1,2-Dichloroethene	ND	1.4	ppbv	ND	5.7	ug/m3
2-Butanone	ND	7.2	ppbv	ND	21	ug/m3
Chloroform	**1.7**	1.4	ppbv	**8.1**	7.0	ug/m3
1,1,1-Trichloroethane	**4.9**	1.4	ppbv	**27**	7.9	ug/m3
Carbon Tetrachloride	ND	1.4	ppbv	ND	9.1	ug/m3
Benzene	ND	1.4	ppbv	ND	4.6	ug/m3
1,2-Dichloroethane	ND	1.4	ppbv	ND	5.8	ug/m3
Trichloroethene	**32**	1.4	ppbv	**170**	7.7	ug/m3
1,2-Dichloropropane	ND	1.4	ppbv	ND	6.7	ug/m3
Bromodichloromethane	ND	1.4	ppbv	ND	9.6	ug/m3
cis-1,3-Dichloropropene	ND	1.4	ppbv	ND	6.5	ug/m3
4-Methyl-2-Pentanone	ND	1.4	ppbv	ND	5.9	ug/m3
Toluene	**2.8**	1.4	ppbv	**11**	5.4	ug/m3
trans-1,3-Dichloropropene	ND	1.4	ppbv	ND	6.5	ug/m3
1,1,2-Trichloroethane	ND	1.4	ppbv	ND	7.9	ug/m3
Tetrachloroethene	**240**	1.4	ppbv	**1,600**	9.8	ug/m3
2-Hexanone	ND	3.6	ppbv	ND	15	ug/m3
Dibromochloromethane	ND	1.4	ppbv	ND	12	ug/m3
1,2-Dibromoethane	ND	1.4	ppbv	ND	11	ug/m3
Chlorobenzene	ND	1.4	ppbv	ND	6.6	ug/m3
Ethylbenzene	ND	1.4	ppbv	ND	6.3	ug/m3
m,p-Xylenes	ND	2.9	ppbv	ND	13	ug/m3
o-Xylene	ND	1.4	ppbv	ND	6.3	ug/m3
Styrene	ND	1.4	ppbv	ND	6.1	ug/m3
Bromoform	ND	1.4	ppbv	ND	15	ug/m3
1,1,2,2-Tetrachloroethane	ND	1.4	ppbv	ND	9.9	ug/m3
1,1,1,2-Tetrachloroethane	ND	1.4	ppbv	ND	9.9	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-003 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	1.4	ppbv	ND	7.1	ug/m3
1,3,5-Trimethylbenzene	ND	1.4	ppbv	ND	7.1	ug/m3
1,2,4-Trimethylbenzene	ND	1.4	ppbv	ND	7.1	ug/m3
1,3-Dichlorobenzene	ND	1.4	ppbv	ND	8.7	ug/m3
1,4-Dichlorobenzene	ND	1.4	ppbv	ND	8.7	ug/m3
Benzyl chloride	ND	1.4	ppbv	ND	7.5	ug/m3
1,2-Dichlorobenzene	ND	1.4	ppbv	ND	8.7	ug/m3
1,2,4-Trichlorobenzene	ND	1.4	ppbv	ND	11	ug/m3
Hexachlorobutadiene	ND	1.4	ppbv	ND	15	ug/m3
Naphthalene	ND	7.2	ppbv	ND	38	ug/m3
Xylene (total)	ND	1.4	ppbv	ND	6.3	ug/m3

533499-003 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	87	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-9 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-004 **Sampled:** 05/20/25 11:53 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 14.40 **Analyzed:** 05/22/25 18:34

533499-004 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	14	ppbv	ND	39	ug/m3
Freon 12	ND	2.9	ppbv	ND	14	ug/m3
Freon 114	ND	2.9	ppbv	ND	20	ug/m3
Chloromethane	ND	2.9	ppbv	ND	5.9	ug/m3
Vinyl Chloride	ND	2.9	ppbv	ND	7.4	ug/m3
Bromomethane	ND	2.9	ppbv	ND	11	ug/m3
Chloroethane	ND	2.9	ppbv	ND	7.6	ug/m3
Trichlorofluoromethane	ND	2.9	ppbv	ND	16	ug/m3
1,1-Dichloroethene	ND	2.9	ppbv	ND	11	ug/m3
Freon 113	**3.3**	2.9	ppbv	**25**	22	ug/m3
Acetone	ND	14	ppbv	ND	34	ug/m3
Carbon Disulfide	ND	2.9	ppbv	ND	9.0	ug/m3
Isopropanol (IPA)	ND	14	ppbv	ND	35	ug/m3
Methylene Chloride	ND	2.9	ppbv	ND	10	ug/m3
trans-1,2-Dichloroethene	ND	2.9	ppbv	ND	11	ug/m3
MTBE	ND	2.9	ppbv	ND	10	ug/m3
n-Hexane	ND	2.9	ppbv	ND	10	ug/m3
1,1-Dichloroethane	ND	2.9	ppbv	ND	12	ug/m3
Vinyl Acetate	ND	14	ppbv	ND	51	ug/m3
cis-1,2-Dichloroethene	ND	2.9	ppbv	ND	11	ug/m3
2-Butanone	ND	14	ppbv	ND	42	ug/m3
Chloroform	ND	2.9	ppbv	ND	14	ug/m3
1,1,1-Trichloroethane	ND	2.9	ppbv	ND	16	ug/m3
Carbon Tetrachloride	ND	2.9	ppbv	ND	18	ug/m3
Benzene	ND	2.9	ppbv	ND	9.2	ug/m3
1,2-Dichloroethane	ND	2.9	ppbv	ND	12	ug/m3
Trichloroethene	ND	2.9	ppbv	ND	15	ug/m3
1,2-Dichloropropane	ND	2.9	ppbv	ND	13	ug/m3
Bromodichloromethane	ND	2.9	ppbv	ND	19	ug/m3
cis-1,3-Dichloropropene	ND	2.9	ppbv	ND	13	ug/m3
4-Methyl-2-Pentanone	ND	2.9	ppbv	ND	12	ug/m3
Toluene	ND	2.9	ppbv	ND	11	ug/m3
trans-1,3-Dichloropropene	ND	2.9	ppbv	ND	13	ug/m3
1,1,2-Trichloroethane	ND	2.9	ppbv	ND	16	ug/m3
Tetrachloroethene	**590**	2.9	ppbv	**4,000**	20	ug/m3
2-Hexanone	ND	7.2	ppbv	ND	29	ug/m3
Dibromochloromethane	ND	2.9	ppbv	ND	25	ug/m3
1,2-Dibromoethane	ND	2.9	ppbv	ND	22	ug/m3
Chlorobenzene	ND	2.9	ppbv	ND	13	ug/m3
Ethylbenzene	ND	2.9	ppbv	ND	13	ug/m3
m,p-Xylenes	ND	5.8	ppbv	ND	25	ug/m3
o-Xylene	ND	2.9	ppbv	ND	13	ug/m3
Styrene	ND	2.9	ppbv	ND	12	ug/m3
Bromoform	ND	2.9	ppbv	ND	30	ug/m3
1,1,2,2-Tetrachloroethane	ND	2.9	ppbv	ND	20	ug/m3
1,1,1,2-Tetrachloroethane	ND	2.9	ppbv	ND	20	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-004 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	2.9	ppbv	ND	14	ug/m3
1,3,5-Trimethylbenzene	ND	2.9	ppbv	ND	14	ug/m3
1,2,4-Trimethylbenzene	ND	2.9	ppbv	ND	14	ug/m3
1,3-Dichlorobenzene	ND	2.9	ppbv	ND	17	ug/m3
1,4-Dichlorobenzene	ND	2.9	ppbv	ND	17	ug/m3
Benzyl chloride	ND	2.9	ppbv	ND	15	ug/m3
1,2-Dichlorobenzene	ND	2.9	ppbv	ND	17	ug/m3
1,2,4-Trichlorobenzene	ND	2.9	ppbv	ND	21	ug/m3
Hexachlorobutadiene	ND	2.9	ppbv	ND	31	ug/m3
Naphthalene	ND	14	ppbv	ND	75	ug/m3
Xylene (total)	ND	2.9	ppbv	ND	13	ug/m3

533499-004 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	89	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-11 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-005 **Sampled:** 05/20/25 12:37 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 1.800 **Analyzed:** 05/22/25 19:15

533499-005 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.8	ppbv	ND	4.9	ug/m3
Freon 12	**0.36**	0.36	ppbv	**1.8**	1.8	ug/m3
Freon 114	ND	0.36	ppbv	ND	2.5	ug/m3
Chloromethane	ND	0.36	ppbv	ND	0.74	ug/m3
Vinyl Chloride	ND	0.36	ppbv	ND	0.92	ug/m3
Bromomethane	ND	0.36	ppbv	ND	1.4	ug/m3
Chloroethane	ND	0.36	ppbv	ND	0.95	ug/m3
Trichlorofluoromethane	**0.37**	0.36	ppbv	**2.1**	2.0	ug/m3
1,1-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
Freon 113	ND	0.36	ppbv	ND	2.8	ug/m3
Acetone	**3.8**	1.8	ppbv	**9.1**	4.3	ug/m3
Carbon Disulfide	**4.3**	0.36	ppbv	**13**	1.1	ug/m3
Isopropanol (IPA)	**2.2**	1.8	ppbv	**5.3**	4.4	ug/m3
Methylene Chloride	ND	0.36	ppbv	ND	1.3	ug/m3
trans-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
MTBE	ND	0.36	ppbv	ND	1.3	ug/m3
n-Hexane	ND	0.36	ppbv	ND	1.3	ug/m3
1,1-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Vinyl Acetate	ND	1.8	ppbv	ND	6.3	ug/m3
cis-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
2-Butanone	ND	1.8	ppbv	ND	5.3	ug/m3
Chloroform	ND	0.36	ppbv	ND	1.8	ug/m3
1,1,1-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Carbon Tetrachloride	ND	0.36	ppbv	ND	2.3	ug/m3
Benzene	ND	0.36	ppbv	ND	1.2	ug/m3
1,2-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Trichloroethene	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichloropropane	ND	0.36	ppbv	ND	1.7	ug/m3
Bromodichloromethane	ND	0.36	ppbv	ND	2.4	ug/m3
cis-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
4-Methyl-2-Pentanone	ND	0.36	ppbv	ND	1.5	ug/m3
Toluene	**2.1**	0.36	ppbv	**8.1**	1.4	ug/m3
trans-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
1,1,2-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Tetrachloroethene	**4.6**	0.36	ppbv	**31**	2.4	ug/m3
2-Hexanone	ND	0.90	ppbv	ND	3.7	ug/m3
Dibromochloromethane	ND	0.36	ppbv	ND	3.1	ug/m3
1,2-Dibromoethane	ND	0.36	ppbv	ND	2.8	ug/m3
Chlorobenzene	ND	0.36	ppbv	ND	1.7	ug/m3
Ethylbenzene	**0.83**	0.36	ppbv	**3.6**	1.6	ug/m3
m,p-Xylenes	**3.5**	0.72	ppbv	**15**	3.1	ug/m3
o-Xylene	**1.4**	0.36	ppbv	**6.0**	1.6	ug/m3
Styrene	ND	0.36	ppbv	ND	1.5	ug/m3
Bromoform	ND	0.36	ppbv	ND	3.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-005 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	**0.42**	0.36	ppbv	**2.1**	1.8	ug/m3
1,3,5-Trimethylbenzene	**0.61**	0.36	ppbv	**3.0**	1.8	ug/m3
1,2,4-Trimethylbenzene	**2.2**	0.36	ppbv	**11**	1.8	ug/m3
1,3-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,4-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
Benzyl chloride	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.36	ppbv	ND	2.7	ug/m3
Hexachlorobutadiene	ND	0.36	ppbv	ND	3.8	ug/m3
Naphthalene	ND	1.8	ppbv	ND	9.4	ug/m3
Xylene (total)	**4.8**	0.36	ppbv	**21**	1.6	ug/m3

533499-005 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	93	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-12 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-006 **Sampled:** 05/20/25 08:51 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** DJL

Diln Fac: 1.800 **Analyzed:** 05/22/25 19:47

533499-006 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.8	ppbv	ND	4.9	ug/m3
Freon 12	**0.38**	0.36	ppbv	**1.9**	1.8	ug/m3
Freon 114	ND	0.36	ppbv	ND	2.5	ug/m3
Chloromethane	ND	0.36	ppbv	ND	0.74	ug/m3
Vinyl Chloride	ND	0.36	ppbv	ND	0.92	ug/m3
Bromomethane	ND	0.36	ppbv	ND	1.4	ug/m3
Chloroethane	ND	0.36	ppbv	ND	0.95	ug/m3
Trichlorofluoromethane	**0.37**	0.36	ppbv	**2.1**	2.0	ug/m3
1,1-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
Freon 113	ND	0.36	ppbv	ND	2.8	ug/m3
Acetone	**2.8**	1.8	ppbv	**6.6**	4.3	ug/m3
Carbon Disulfide	**11**	0.36	ppbv	**33**	1.1	ug/m3
Isopropanol (IPA)	ND	1.8	ppbv	ND	4.4	ug/m3
Methylene Chloride	ND	0.36	ppbv	ND	1.3	ug/m3
trans-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
MTBE	ND	0.36	ppbv	ND	1.3	ug/m3
n-Hexane	ND	0.36	ppbv	ND	1.3	ug/m3
1,1-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Vinyl Acetate	ND	1.8	ppbv	ND	6.3	ug/m3
cis-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
2-Butanone	ND	1.8	ppbv	ND	5.3	ug/m3
Chloroform	**2.0**	0.36	ppbv	**9.8**	1.8	ug/m3
1,1,1-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Carbon Tetrachloride	ND	0.36	ppbv	ND	2.3	ug/m3
Benzene	ND	0.36	ppbv	ND	1.2	ug/m3
1,2-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Trichloroethene	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichloropropane	ND	0.36	ppbv	ND	1.7	ug/m3
Bromodichloromethane	ND	0.36	ppbv	ND	2.4	ug/m3
cis-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
4-Methyl-2-Pentanone	ND	0.36	ppbv	ND	1.5	ug/m3
Toluene	**1.6**	0.36	ppbv	**6.0**	1.4	ug/m3
trans-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
1,1,2-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Tetrachloroethene	ND	0.36	ppbv	ND	2.4	ug/m3
2-Hexanone	ND	0.90	ppbv	ND	3.7	ug/m3
Dibromochloromethane	ND	0.36	ppbv	ND	3.1	ug/m3
1,2-Dibromoethane	ND	0.36	ppbv	ND	2.8	ug/m3
Chlorobenzene	ND	0.36	ppbv	ND	1.7	ug/m3
Ethylbenzene	**0.64**	0.36	ppbv	**2.8**	1.6	ug/m3
m,p-Xylenes	**2.1**	0.72	ppbv	**9.2**	3.1	ug/m3
o-Xylene	**0.84**	0.36	ppbv	**3.7**	1.6	ug/m3
Styrene	ND	0.36	ppbv	ND	1.5	ug/m3
Bromoform	ND	0.36	ppbv	ND	3.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-006 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	0.36	ppbv	ND	1.8	ug/m3
1,3,5-Trimethylbenzene	ND	0.36	ppbv	ND	1.8	ug/m3
1,2,4-Trimethylbenzene	**1.2**	0.36	ppbv	**6.0**	1.8	ug/m3
1,3-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,4-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
Benzyl chloride	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.36	ppbv	ND	2.7	ug/m3
Hexachlorobutadiene	ND	0.36	ppbv	ND	3.8	ug/m3
Naphthalene	ND	1.8	ppbv	ND	9.4	ug/m3
Xylene (total)	**3.0**	0.36	ppbv	**13**	1.6	ug/m3

533499-006 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	93	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: DUP-01 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-007 **Sampled:** 05/20/25 08:51 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 1.800 **Analyzed:** 05/22/25 20:20

533499-007 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.8	ppbv	ND	4.9	ug/m3
Freon 12	**0.40**	0.36	ppbv	**2.0**	1.8	ug/m3
Freon 114	ND	0.36	ppbv	ND	2.5	ug/m3
Chloromethane	ND	0.36	ppbv	ND	0.74	ug/m3
Vinyl Chloride	ND	0.36	ppbv	ND	0.92	ug/m3
Bromomethane	ND	0.36	ppbv	ND	1.4	ug/m3
Chloroethane	ND	0.36	ppbv	ND	0.95	ug/m3
Trichlorofluoromethane	**0.42**	0.36	ppbv	**2.4**	2.0	ug/m3
1,1-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
Freon 113	ND	0.36	ppbv	ND	2.8	ug/m3
Acetone	**2.4**	1.8	ppbv	**5.8**	4.3	ug/m3
Carbon Disulfide	**9.7**	0.36	ppbv	**30**	1.1	ug/m3
Isopropanol (IPA)	ND	1.8	ppbv	ND	4.4	ug/m3
Methylene Chloride	ND	0.36	ppbv	ND	1.3	ug/m3
trans-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
MTBE	ND	0.36	ppbv	ND	1.3	ug/m3
n-Hexane	ND	0.36	ppbv	ND	1.3	ug/m3
1,1-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Vinyl Acetate	ND	1.8	ppbv	ND	6.3	ug/m3
cis-1,2-Dichloroethene	ND	0.36	ppbv	ND	1.4	ug/m3
2-Butanone	ND	1.8	ppbv	ND	5.3	ug/m3
Chloroform	**1.8**	0.36	ppbv	**8.9**	1.8	ug/m3
1,1,1-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Carbon Tetrachloride	ND	0.36	ppbv	ND	2.3	ug/m3
Benzene	ND	0.36	ppbv	ND	1.2	ug/m3
1,2-Dichloroethane	ND	0.36	ppbv	ND	1.5	ug/m3
Trichloroethene	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichloropropane	ND	0.36	ppbv	ND	1.7	ug/m3
Bromodichloromethane	ND	0.36	ppbv	ND	2.4	ug/m3
cis-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
4-Methyl-2-Pentanone	ND	0.36	ppbv	ND	1.5	ug/m3
Toluene	**1.5**	0.36	ppbv	**5.7**	1.4	ug/m3
trans-1,3-Dichloropropene	ND	0.36	ppbv	ND	1.6	ug/m3
1,1,2-Trichloroethane	ND	0.36	ppbv	ND	2.0	ug/m3
Tetrachloroethene	ND	0.36	ppbv	ND	2.4	ug/m3
2-Hexanone	ND	0.90	ppbv	ND	3.7	ug/m3
Dibromochloromethane	ND	0.36	ppbv	ND	3.1	ug/m3
1,2-Dibromoethane	ND	0.36	ppbv	ND	2.8	ug/m3
Chlorobenzene	ND	0.36	ppbv	ND	1.7	ug/m3
Ethylbenzene	**0.64**	0.36	ppbv	**2.8**	1.6	ug/m3
m,p-Xylenes	**2.2**	0.72	ppbv	**9.7**	3.1	ug/m3
o-Xylene	**0.86**	0.36	ppbv	**3.7**	1.6	ug/m3
Styrene	ND	0.36	ppbv	ND	1.5	ug/m3
Bromoform	ND	0.36	ppbv	ND	3.7	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.36	ppbv	ND	2.5	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-007 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	0.36	ppbv	ND	1.8	ug/m3
1,3,5-Trimethylbenzene	**0.37**	0.36	ppbv	**1.8**	1.8	ug/m3
1,2,4-Trimethylbenzene	**1.4**	0.36	ppbv	**6.9**	1.8	ug/m3
1,3-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,4-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
Benzyl chloride	ND	0.36	ppbv	ND	1.9	ug/m3
1,2-Dichlorobenzene	ND	0.36	ppbv	ND	2.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.36	ppbv	ND	2.7	ug/m3
Hexachlorobutadiene	ND	0.36	ppbv	ND	3.8	ug/m3
Naphthalene	ND	1.8	ppbv	ND	9.4	ug/m3
Xylene (total)	**3.1**	0.36	ppbv	**13**	1.6	ug/m3

533499-007 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	94	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-4 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-008 **Sampled:** 05/20/25 10:13 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 48.00 **Analyzed:** 05/22/25 20:47

533499-008 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	48	ppbv	ND	130	ug/m3
Freon 12	ND	9.6	ppbv	ND	47	ug/m3
Freon 114	ND	9.6	ppbv	ND	67	ug/m3
Chloromethane	ND	9.6	ppbv	ND	20	ug/m3
Vinyl Chloride	ND	9.6	ppbv	ND	25	ug/m3
Bromomethane	ND	9.6	ppbv	ND	37	ug/m3
Chloroethane	ND	9.6	ppbv	ND	25	ug/m3
Trichlorofluoromethane	ND	9.6	ppbv	ND	54	ug/m3
1,1-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
Freon 113	ND	9.6	ppbv	ND	74	ug/m3
Acetone	ND	48	ppbv	ND	110	ug/m3
Carbon Disulfide	ND	9.6	ppbv	ND	30	ug/m3
Isopropanol (IPA)	ND	48	ppbv	ND	120	ug/m3
Methylene Chloride	ND	9.6	ppbv	ND	33	ug/m3
trans-1,2-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
MTBE	ND	9.6	ppbv	ND	35	ug/m3
n-Hexane	ND	9.6	ppbv	ND	34	ug/m3
1,1-Dichloroethane	ND	9.6	ppbv	ND	39	ug/m3
Vinyl Acetate	ND	48	ppbv	ND	170	ug/m3
cis-1,2-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
2-Butanone	ND	48	ppbv	ND	140	ug/m3
Chloroform	ND	9.6	ppbv	ND	47	ug/m3
1,1,1-Trichloroethane	ND	9.6	ppbv	ND	52	ug/m3
Carbon Tetrachloride	ND	9.6	ppbv	ND	60	ug/m3
Benzene	ND	9.6	ppbv	ND	31	ug/m3
1,2-Dichloroethane	ND	9.6	ppbv	ND	39	ug/m3
Trichloroethene	**33**	9.6	ppbv	**180**	52	ug/m3
1,2-Dichloropropane	ND	9.6	ppbv	ND	44	ug/m3
Bromodichloromethane	ND	9.6	ppbv	ND	64	ug/m3
cis-1,3-Dichloropropene	ND	9.6	ppbv	ND	44	ug/m3
4-Methyl-2-Pentanone	ND	9.6	ppbv	ND	39	ug/m3
Toluene	ND	9.6	ppbv	ND	36	ug/m3
trans-1,3-Dichloropropene	ND	9.6	ppbv	ND	44	ug/m3
1,1,2-Trichloroethane	ND	9.6	ppbv	ND	52	ug/m3
Tetrachloroethene	**1,900**	9.6	ppbv	**13,000**	65	ug/m3
2-Hexanone	ND	24	ppbv	ND	98	ug/m3
Dibromochloromethane	ND	9.6	ppbv	ND	82	ug/m3
1,2-Dibromoethane	ND	9.6	ppbv	ND	74	ug/m3
Chlorobenzene	ND	9.6	ppbv	ND	44	ug/m3
Ethylbenzene	ND	9.6	ppbv	ND	42	ug/m3
m,p-Xylenes	ND	19	ppbv	ND	83	ug/m3
o-Xylene	ND	9.6	ppbv	ND	42	ug/m3
Styrene	ND	9.6	ppbv	ND	41	ug/m3
Bromoform	ND	9.6	ppbv	ND	99	ug/m3
1,1,2,2-Tetrachloroethane	ND	9.6	ppbv	ND	66	ug/m3
1,1,1,2-Tetrachloroethane	ND	9.6	ppbv	ND	66	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-008 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	9.6	ppbv	ND	47	ug/m3
1,3,5-Trimethylbenzene	ND	9.6	ppbv	ND	47	ug/m3
1,2,4-Trimethylbenzene	ND	9.6	ppbv	ND	47	ug/m3
1,3-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
1,4-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
Benzyl chloride	ND	9.6	ppbv	ND	50	ug/m3
1,2-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
1,2,4-Trichlorobenzene	ND	9.6	ppbv	ND	71	ug/m3
Hexachlorobutadiene	ND	9.6	ppbv	ND	100	ug/m3
Naphthalene	ND	48	ppbv	ND	250	ug/m3
Xylene (total)	ND	9.6	ppbv	ND	42	ug/m3

533499-008 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	90	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-3 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-009 **Sampled:** 05/20/25 11:01 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 32.00 **Analyzed:** 05/22/25 21:14

533499-009 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	32	ppbv	ND	86	ug/m3
Freon 12	ND	6.4	ppbv	ND	32	ug/m3
Freon 114	ND	6.4	ppbv	ND	45	ug/m3
Chloromethane	ND	6.4	ppbv	ND	13	ug/m3
Vinyl Chloride	ND	6.4	ppbv	ND	16	ug/m3
Bromomethane	ND	6.4	ppbv	ND	25	ug/m3
Chloroethane	ND	6.4	ppbv	ND	17	ug/m3
Trichlorofluoromethane	ND	6.4	ppbv	ND	36	ug/m3
1,1-Dichloroethene	ND	6.4	ppbv	ND	25	ug/m3
Freon 113	ND	6.4	ppbv	ND	49	ug/m3
Acetone	ND	32	ppbv	ND	76	ug/m3
Carbon Disulfide	ND	6.4	ppbv	ND	20	ug/m3
Isopropanol (IPA)	ND	32	ppbv	ND	79	ug/m3
Methylene Chloride	ND	6.4	ppbv	ND	22	ug/m3
trans-1,2-Dichloroethene	ND	6.4	ppbv	ND	25	ug/m3
MTBE	ND	6.4	ppbv	ND	23	ug/m3
n-Hexane	ND	6.4	ppbv	ND	23	ug/m3
1,1-Dichloroethane	ND	6.4	ppbv	ND	26	ug/m3
Vinyl Acetate	ND	32	ppbv	ND	110	ug/m3
cis-1,2-Dichloroethene	ND	6.4	ppbv	ND	25	ug/m3
2-Butanone	ND	32	ppbv	ND	94	ug/m3
Chloroform	ND	6.4	ppbv	ND	31	ug/m3
1,1,1-Trichloroethane	**29**	6.4	ppbv	**160**	35	ug/m3
Carbon Tetrachloride	ND	6.4	ppbv	ND	40	ug/m3
Benzene	ND	6.4	ppbv	ND	20	ug/m3
1,2-Dichloroethane	ND	6.4	ppbv	ND	26	ug/m3
Trichloroethene	**12**	6.4	ppbv	**67**	34	ug/m3
1,2-Dichloropropane	ND	6.4	ppbv	ND	30	ug/m3
Bromodichloromethane	ND	6.4	ppbv	ND	43	ug/m3
cis-1,3-Dichloropropene	ND	6.4	ppbv	ND	29	ug/m3
4-Methyl-2-Pentanone	ND	6.4	ppbv	ND	26	ug/m3
Toluene	ND	6.4	ppbv	ND	24	ug/m3
trans-1,3-Dichloropropene	ND	6.4	ppbv	ND	29	ug/m3
1,1,2-Trichloroethane	ND	6.4	ppbv	ND	35	ug/m3
Tetrachloroethene	**1,100**	6.4	ppbv	**7,400**	43	ug/m3
2-Hexanone	ND	16	ppbv	ND	66	ug/m3
Dibromochloromethane	ND	6.4	ppbv	ND	55	ug/m3
1,2-Dibromoethane	ND	6.4	ppbv	ND	49	ug/m3
Chlorobenzene	ND	6.4	ppbv	ND	29	ug/m3
Ethylbenzene	ND	6.4	ppbv	ND	28	ug/m3
m,p-Xylenes	ND	13	ppbv	ND	56	ug/m3
o-Xylene	ND	6.4	ppbv	ND	28	ug/m3
Styrene	ND	6.4	ppbv	ND	27	ug/m3
Bromoform	ND	6.4	ppbv	ND	66	ug/m3
1,1,2,2-Tetrachloroethane	ND	6.4	ppbv	ND	44	ug/m3
1,1,1,2-Tetrachloroethane	ND	6.4	ppbv	ND	44	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-009 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	6.4	ppbv	ND	31	ug/m3
1,3,5-Trimethylbenzene	ND	6.4	ppbv	ND	31	ug/m3
1,2,4-Trimethylbenzene	ND	6.4	ppbv	ND	31	ug/m3
1,3-Dichlorobenzene	ND	6.4	ppbv	ND	38	ug/m3
1,4-Dichlorobenzene	ND	6.4	ppbv	ND	38	ug/m3
Benzyl chloride	ND	6.4	ppbv	ND	33	ug/m3
1,2-Dichlorobenzene	ND	6.4	ppbv	ND	38	ug/m3
1,2,4-Trichlorobenzene	ND	6.4	ppbv	ND	47	ug/m3
Hexachlorobutadiene	ND	6.4	ppbv	ND	68	ug/m3
Naphthalene	ND	32	ppbv	ND	170	ug/m3
Xylene (total)	ND	6.4	ppbv	ND	28	ug/m3

533499-009 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	89	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-6 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-010 **Sampled:** 05/20/25 09:20 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

533499-010 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)	Diln Fac	Analyzed
1,1-Difluoroethane	ND	2.0	ppbv	ND	5.4	ug/m3	2.000	05/22/25 21:47
Freon 12	ND	0.40	ppbv	ND	2.0	ug/m3	2.000	05/22/25 21:47
Freon 114	ND	0.40	ppbv	ND	2.8	ug/m3	2.000	05/22/25 21:47
Chloromethane	ND	0.40	ppbv	ND	0.83	ug/m3	2.000	05/22/25 21:47
Vinyl Chloride	ND	0.40	ppbv	ND	1.0	ug/m3	2.000	05/22/25 21:47
Bromomethane	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
Chloroethane	ND	0.40	ppbv	ND	1.1	ug/m3	2.000	05/22/25 21:47
Trichlorofluoromethane	**0.64**	0.40	ppbv	**3.6**	2.2	ug/m3	2.000	05/22/25 21:47
1,1-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
Freon 113	ND	0.40	ppbv	ND	3.1	ug/m3	2.000	05/22/25 21:47
Acetone	**3.4**	2.0	ppbv	**8.0**	4.8	ug/m3	2.000	05/22/25 21:47
Carbon Disulfide	**0.74**	0.40	ppbv	**2.3**	1.2	ug/m3	2.000	05/22/25 21:47
Isopropanol (IPA)	ND	2.0	ppbv	ND	4.9	ug/m3	2.000	05/22/25 21:47
Methylene Chloride	ND	0.40	ppbv	ND	1.4	ug/m3	2.000	05/22/25 21:47
trans-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
MTBE	ND	0.40	ppbv	ND	1.4	ug/m3	2.000	05/22/25 21:47
n-Hexane	**0.60**	0.40	ppbv	**2.1**	1.4	ug/m3	2.000	05/22/25 21:47
1,1-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
Vinyl Acetate	ND	2.0	ppbv	ND	7.0	ug/m3	2.000	05/22/25 21:47
cis-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
2-Butanone	ND	2.0	ppbv	ND	5.9	ug/m3	2.000	05/22/25 21:47
Chloroform	**1.3**	0.40	ppbv	**6.4**	2.0	ug/m3	2.000	05/22/25 21:47
1,1,1-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3	2.000	05/22/25 21:47
Carbon Tetrachloride	ND	0.40	ppbv	ND	2.5	ug/m3	2.000	05/22/25 21:47
Benzene	**1.0**	0.40	ppbv	**3.2**	1.3	ug/m3	2.000	05/22/25 21:47
1,2-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
Trichloroethene	ND	0.40	ppbv	ND	2.1	ug/m3	2.000	05/22/25 21:47
1,2-Dichloropropane	ND	0.40	ppbv	ND	1.8	ug/m3	2.000	05/22/25 21:47
Bromodichloromethane	ND	0.40	ppbv	ND	2.7	ug/m3	2.000	05/22/25 21:47
cis-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3	2.000	05/22/25 21:47
4-Methyl-2-Pentanone	ND	0.40	ppbv	ND	1.6	ug/m3	2.000	05/22/25 21:47
Toluene	**24**	0.40	ppbv	**91**	1.5	ug/m3	2.000	05/22/25 21:47
trans-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3	2.000	05/22/25 21:47
1,1,2-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3	2.000	05/22/25 21:47
Tetrachloroethene	**100**	0.80	ppbv	**710**	5.4	ug/m3	4.000	05/23/25 05:22
2-Hexanone	ND	1.0	ppbv	ND	4.1	ug/m3	2.000	05/22/25 21:47
Dibromochloromethane	ND	0.40	ppbv	ND	3.4	ug/m3	2.000	05/22/25 21:47
1,2-Dibromoethane	ND	0.40	ppbv	ND	3.1	ug/m3	2.000	05/22/25 21:47
Chlorobenzene	ND	0.40	ppbv	ND	1.8	ug/m3	2.000	05/22/25 21:47
Ethylbenzene	**1.2**	0.40	ppbv	**5.4**	1.7	ug/m3	2.000	05/22/25 21:47
m,p-Xylenes	**5.4**	0.80	ppbv	**23**	3.5	ug/m3	2.000	05/22/25 21:47
o-Xylene	**1.5**	0.40	ppbv	**6.4**	1.7	ug/m3	2.000	05/22/25 21:47
Styrene	ND	0.40	ppbv	ND	1.7	ug/m3	2.000	05/22/25 21:47
Bromoform	ND	0.40	ppbv	ND	4.1	ug/m3	2.000	05/22/25 21:47
1,1,2,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3	2.000	05/22/25 21:47
1,1,1,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3	2.000	05/22/25 21:47
4-Ethyltoluene	ND	0.40	ppbv	ND	2.0	ug/m3	2.000	05/22/25 21:47
1,3,5-Trimethylbenzene	ND	0.40	ppbv	ND	2.0	ug/m3	2.000	05/22/25 21:47

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-010 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)	Diln Fac	Analyzed
1,2,4-Trimethylbenzene	ND	0.40	ppbv	ND	2.0	ug/m3	2.000	05/22/25 21:47
1,3-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3	2.000	05/22/25 21:47
1,4-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3	2.000	05/22/25 21:47
Benzyl chloride	ND	0.40	ppbv	ND	2.1	ug/m3	2.000	05/22/25 21:47
1,2-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3	2.000	05/22/25 21:47
1,2,4-Trichlorobenzene	ND	0.40	ppbv	ND	3.0	ug/m3	2.000	05/22/25 21:47
Hexachlorobutadiene	ND	0.40	ppbv	ND	4.3	ug/m3	2.000	05/22/25 21:47
Naphthalene	ND	2.0	ppbv	ND	10	ug/m3	2.000	05/22/25 21:47
Xylene (total)	**6.8**	0.40	ppbv	**30**	1.7	ug/m3	2.000	05/22/25 21:47

533499-010 Surrogate	%REC	Limits	Units (M)	Diln Fac	Analyzed
Bromofluorobenzene	92	60-140	ug/m3	2.000	05/22/25 21:47

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: DUP-02 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-011 **Sampled:** 05/20/25 10:13 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 48.00 **Analyzed:** 05/22/25 22:13

533499-011 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	48	ppbv	ND	130	ug/m3
Freon 12	ND	9.6	ppbv	ND	47	ug/m3
Freon 114	ND	9.6	ppbv	ND	67	ug/m3
Chloromethane	ND	9.6	ppbv	ND	20	ug/m3
Vinyl Chloride	ND	9.6	ppbv	ND	25	ug/m3
Bromomethane	ND	9.6	ppbv	ND	37	ug/m3
Chloroethane	ND	9.6	ppbv	ND	25	ug/m3
Trichlorofluoromethane	ND	9.6	ppbv	ND	54	ug/m3
1,1-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
Freon 113	ND	9.6	ppbv	ND	74	ug/m3
Acetone	ND	48	ppbv	ND	110	ug/m3
Carbon Disulfide	ND	9.6	ppbv	ND	30	ug/m3
Isopropanol (IPA)	ND	48	ppbv	ND	120	ug/m3
Methylene Chloride	ND	9.6	ppbv	ND	33	ug/m3
trans-1,2-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
MTBE	ND	9.6	ppbv	ND	35	ug/m3
n-Hexane	ND	9.6	ppbv	ND	34	ug/m3
1,1-Dichloroethane	ND	9.6	ppbv	ND	39	ug/m3
Vinyl Acetate	ND	48	ppbv	ND	170	ug/m3
cis-1,2-Dichloroethene	ND	9.6	ppbv	ND	38	ug/m3
2-Butanone	ND	48	ppbv	ND	140	ug/m3
Chloroform	ND	9.6	ppbv	ND	47	ug/m3
1,1,1-Trichloroethane	ND	9.6	ppbv	ND	52	ug/m3
Carbon Tetrachloride	ND	9.6	ppbv	ND	60	ug/m3
Benzene	ND	9.6	ppbv	ND	31	ug/m3
1,2-Dichloroethane	ND	9.6	ppbv	ND	39	ug/m3
Trichloroethene	**34**	9.6	ppbv	**180**	52	ug/m3
1,2-Dichloropropane	ND	9.6	ppbv	ND	44	ug/m3
Bromodichloromethane	ND	9.6	ppbv	ND	64	ug/m3
cis-1,3-Dichloropropene	ND	9.6	ppbv	ND	44	ug/m3
4-Methyl-2-Pentanone	ND	9.6	ppbv	ND	39	ug/m3
Toluene	ND	9.6	ppbv	ND	36	ug/m3
trans-1,3-Dichloropropene	ND	9.6	ppbv	ND	44	ug/m3
1,1,2-Trichloroethane	ND	9.6	ppbv	ND	52	ug/m3
Tetrachloroethene	**1,900**	9.6	ppbv	**13,000**	65	ug/m3
2-Hexanone	ND	24	ppbv	ND	98	ug/m3
Dibromochloromethane	ND	9.6	ppbv	ND	82	ug/m3
1,2-Dibromoethane	ND	9.6	ppbv	ND	74	ug/m3
Chlorobenzene	ND	9.6	ppbv	ND	44	ug/m3
Ethylbenzene	ND	9.6	ppbv	ND	42	ug/m3
m,p-Xylenes	ND	19	ppbv	ND	83	ug/m3
o-Xylene	ND	9.6	ppbv	ND	42	ug/m3
Styrene	ND	9.6	ppbv	ND	41	ug/m3
Bromoform	ND	9.6	ppbv	ND	99	ug/m3
1,1,2,2-Tetrachloroethane	ND	9.6	ppbv	ND	66	ug/m3
1,1,1,2-Tetrachloroethane	ND	9.6	ppbv	ND	66	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-011 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	9.6	ppbv	ND	47	ug/m3
1,3,5-Trimethylbenzene	ND	9.6	ppbv	ND	47	ug/m3
1,2,4-Trimethylbenzene	ND	9.6	ppbv	ND	47	ug/m3
1,3-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
1,4-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
Benzyl chloride	ND	9.6	ppbv	ND	50	ug/m3
1,2-Dichlorobenzene	ND	9.6	ppbv	ND	58	ug/m3
1,2,4-Trichlorobenzene	ND	9.6	ppbv	ND	71	ug/m3
Hexachlorobutadiene	ND	9.6	ppbv	ND	100	ug/m3
Naphthalene	ND	48	ppbv	ND	250	ug/m3
Xylene (total)	ND	9.6	ppbv	ND	42	ug/m3

533499-011 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	87	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-1 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-012 **Sampled:** 05/20/25 11:42 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 2.000 **Analyzed:** 05/22/25 22:45

533499-012 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	2.0	ppbv	ND	5.4	ug/m3
Freon 12	**2.3**	0.40	ppbv	**11**	2.0	ug/m3
Freon 114	ND	0.40	ppbv	ND	2.8	ug/m3
Chloromethane	ND	0.40	ppbv	ND	0.83	ug/m3
Vinyl Chloride	ND	0.40	ppbv	ND	1.0	ug/m3
Bromomethane	ND	0.40	ppbv	ND	1.6	ug/m3
Chloroethane	ND	0.40	ppbv	ND	1.1	ug/m3
Trichlorofluoromethane	**0.58**	0.40	ppbv	**3.3**	2.2	ug/m3
1,1-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
Freon 113	**4.0**	0.40	ppbv	**31**	3.1	ug/m3
Acetone	**3.1**	2.0	ppbv	**7.3**	4.8	ug/m3
Carbon Disulfide	**1.8**	0.40	ppbv	**5.7**	1.2	ug/m3
Isopropanol (IPA)	**2.4**	2.0	ppbv	**6.0**	4.9	ug/m3
Methylene Chloride	ND	0.40	ppbv	ND	1.4	ug/m3
trans-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
MTBE	ND	0.40	ppbv	ND	1.4	ug/m3
n-Hexane	**2.0**	0.40	ppbv	**7.0**	1.4	ug/m3
1,1-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Vinyl Acetate	ND	2.0	ppbv	ND	7.0	ug/m3
cis-1,2-Dichloroethene	ND	0.40	ppbv	ND	1.6	ug/m3
2-Butanone	ND	2.0	ppbv	ND	5.9	ug/m3
Chloroform	**0.54**	0.40	ppbv	**2.7**	2.0	ug/m3
1,1,1-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Carbon Tetrachloride	ND	0.40	ppbv	ND	2.5	ug/m3
Benzene	ND	0.40	ppbv	ND	1.3	ug/m3
1,2-Dichloroethane	ND	0.40	ppbv	ND	1.6	ug/m3
Trichloroethene	ND	0.40	ppbv	ND	2.1	ug/m3
1,2-Dichloropropane	ND	0.40	ppbv	ND	1.8	ug/m3
Bromodichloromethane	ND	0.40	ppbv	ND	2.7	ug/m3
cis-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
4-Methyl-2-Pentanone	ND	0.40	ppbv	ND	1.6	ug/m3
Toluene	**2.0**	0.40	ppbv	**7.6**	1.5	ug/m3
trans-1,3-Dichloropropene	ND	0.40	ppbv	ND	1.8	ug/m3
1,1,2-Trichloroethane	ND	0.40	ppbv	ND	2.2	ug/m3
Tetrachloroethene	**33**	0.40	ppbv	**230**	2.7	ug/m3
2-Hexanone	ND	1.0	ppbv	ND	4.1	ug/m3
Dibromochloromethane	ND	0.40	ppbv	ND	3.4	ug/m3
1,2-Dibromoethane	ND	0.40	ppbv	ND	3.1	ug/m3
Chlorobenzene	ND	0.40	ppbv	ND	1.8	ug/m3
Ethylbenzene	**0.80**	0.40	ppbv	**3.5**	1.7	ug/m3
m,p-Xylenes	**2.7**	0.80	ppbv	**12**	3.5	ug/m3
o-Xylene	**1.1**	0.40	ppbv	**4.9**	1.7	ug/m3
Styrene	ND	0.40	ppbv	ND	1.7	ug/m3
Bromoform	ND	0.40	ppbv	ND	4.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.40	ppbv	ND	2.7	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-012 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	0.40	ppbv	ND	2.0	ug/m3
1,3,5-Trimethylbenzene	ND	0.40	ppbv	ND	2.0	ug/m3
1,2,4-Trimethylbenzene	**1.3**	0.40	ppbv	**6.2**	2.0	ug/m3
1,3-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,4-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
Benzyl chloride	ND	0.40	ppbv	ND	2.1	ug/m3
1,2-Dichlorobenzene	ND	0.40	ppbv	ND	2.4	ug/m3
1,2,4-Trichlorobenzene	ND	0.40	ppbv	ND	3.0	ug/m3
Hexachlorobutadiene	ND	0.40	ppbv	ND	4.3	ug/m3
Naphthalene	ND	2.0	ppbv	ND	10	ug/m3
Xylene (total)	**3.8**	0.40	ppbv	**16**	1.7	ug/m3

533499-012 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	94	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-7 **Batch#:** 372051 **Prep:** METHOD

Lab ID: 533499-013 **Sampled:** 05/20/25 12:23 **Analysis:** EPA TO-15

Matrix: Air **Received:** 05/20/25 **Analyst:** OHD

Diln Fac: 16.00 **Analyzed:** 05/22/25 23:12

533499-013 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	16	ppbv	ND	43	ug/m3
Freon 12	ND	3.2	ppbv	ND	16	ug/m3
Freon 114	ND	3.2	ppbv	ND	22	ug/m3
Chloromethane	ND	3.2	ppbv	ND	6.6	ug/m3
Vinyl Chloride	ND	3.2	ppbv	ND	8.2	ug/m3
Bromomethane	ND	3.2	ppbv	ND	12	ug/m3
Chloroethane	ND	3.2	ppbv	ND	8.4	ug/m3
Trichlorofluoromethane	ND	3.2	ppbv	ND	18	ug/m3
1,1-Dichloroethene	ND	3.2	ppbv	ND	13	ug/m3
Freon 113	ND	3.2	ppbv	ND	25	ug/m3
Acetone	ND	16	ppbv	ND	38	ug/m3
Carbon Disulfide	**3.8**	3.2	ppbv	**12**	10	ug/m3
Isopropanol (IPA)	ND	16	ppbv	ND	39	ug/m3
Methylene Chloride	ND	3.2	ppbv	ND	11	ug/m3
trans-1,2-Dichloroethene	ND	3.2	ppbv	ND	13	ug/m3
MTBE	ND	3.2	ppbv	ND	12	ug/m3
n-Hexane	ND	3.2	ppbv	ND	11	ug/m3
1,1-Dichloroethane	ND	3.2	ppbv	ND	13	ug/m3
Vinyl Acetate	ND	16	ppbv	ND	56	ug/m3
cis-1,2-Dichloroethene	ND	3.2	ppbv	ND	13	ug/m3
2-Butanone	ND	16	ppbv	ND	47	ug/m3
Chloroform	ND	3.2	ppbv	ND	16	ug/m3
1,1,1-Trichloroethane	**4.5**	3.2	ppbv	**25**	17	ug/m3
Carbon Tetrachloride	ND	3.2	ppbv	ND	20	ug/m3
Benzene	ND	3.2	ppbv	ND	10	ug/m3
1,2-Dichloroethane	ND	3.2	ppbv	ND	13	ug/m3
Trichloroethene	**10**	3.2	ppbv	**54**	17	ug/m3
1,2-Dichloropropane	ND	3.2	ppbv	ND	15	ug/m3
Bromodichloromethane	ND	3.2	ppbv	ND	21	ug/m3
cis-1,3-Dichloropropene	ND	3.2	ppbv	ND	15	ug/m3
4-Methyl-2-Pentanone	ND	3.2	ppbv	ND	13	ug/m3
Toluene	**5.6**	3.2	ppbv	**21**	12	ug/m3
trans-1,3-Dichloropropene	ND	3.2	ppbv	ND	15	ug/m3
1,1,2-Trichloroethane	ND	3.2	ppbv	ND	17	ug/m3
Tetrachloroethene	**720**	3.2	ppbv	**4,900**	22	ug/m3
2-Hexanone	ND	8.0	ppbv	ND	33	ug/m3
Dibromochloromethane	ND	3.2	ppbv	ND	27	ug/m3
1,2-Dibromoethane	ND	3.2	ppbv	ND	25	ug/m3
Chlorobenzene	ND	3.2	ppbv	ND	15	ug/m3
Ethylbenzene	ND	3.2	ppbv	ND	14	ug/m3
m,p-Xylenes	**6.8**	6.4	ppbv	**30**	28	ug/m3
o-Xylene	ND	3.2	ppbv	ND	14	ug/m3
Styrene	ND	3.2	ppbv	ND	14	ug/m3
Bromoform	ND	3.2	ppbv	ND	33	ug/m3
1,1,2,2-Tetrachloroethane	ND	3.2	ppbv	ND	22	ug/m3
1,1,1,2-Tetrachloroethane	ND	3.2	ppbv	ND	22	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533499-013 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
4-Ethyltoluene	ND	3.2	ppbv	ND	16	ug/m3
1,3,5-Trimethylbenzene	ND	3.2	ppbv	ND	16	ug/m3
1,2,4-Trimethylbenzene	ND	3.2	ppbv	ND	16	ug/m3
1,3-Dichlorobenzene	ND	3.2	ppbv	ND	19	ug/m3
1,4-Dichlorobenzene	ND	3.2	ppbv	ND	19	ug/m3
Benzyl chloride	ND	3.2	ppbv	ND	17	ug/m3
1,2-Dichlorobenzene	ND	3.2	ppbv	ND	19	ug/m3
1,2,4-Trichlorobenzene	ND	3.2	ppbv	ND	24	ug/m3
Hexachlorobutadiene	ND	3.2	ppbv	ND	34	ug/m3
Naphthalene	ND	16	ppbv	ND	84	ug/m3
Xylene (total)	**6.8**	3.2	ppbv	**30**	14	ug/m3

533499-013 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	92	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BS **Diln Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1259744 **Batch#:** 372051 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 05/22/25 15:00 **Analyst:** DJL

QC1259744 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
1,1-Difluoroethane	10.00	10.20	ppbv	102	70-130
Freon 12	10.00	10.14	ppbv	101	70-130
Freon 114	10.00	9.957	ppbv	100	70-130
Chloromethane	10.00	10.06	ppbv	101	70-130
Vinyl Chloride	10.00	10.39	ppbv	104	70-130
Bromomethane	10.00	9.926	ppbv	99	70-130
Chloroethane	10.00	9.978	ppbv	100	70-130
Trichlorofluoromethane	10.00	9.971	ppbv	100	70-130
1,1-Dichloroethene	10.00	10.16	ppbv	102	70-130
Freon 113	10.00	10.15	ppbv	102	70-130
Acetone	10.00	10.32	ppbv	103	70-130
Carbon Disulfide	10.00	10.31	ppbv	103	70-130
Isopropanol (IPA)	10.00	10.33	ppbv	103	70-130
Methylene Chloride	10.00	10.07	ppbv	101	70-130
trans-1,2-Dichloroethene	10.00	9.931	ppbv	99	70-130
MTBE	10.00	10.32	ppbv	103	70-130
n-Hexane	10.00	11.05	ppbv	111	70-130
1,1-Dichloroethane	10.00	10.20	ppbv	102	70-130
Vinyl Acetate	10.00	10.14	ppbv	101	70-130
cis-1,2-Dichloroethene	10.00	10.30	ppbv	103	70-130
2-Butanone	10.00	10.54	ppbv	105	70-130
Chloroform	10.00	10.23	ppbv	102	70-130
1,1,1-Trichloroethane	10.00	10.06	ppbv	101	70-130
Carbon Tetrachloride	10.00	10.14	ppbv	101	70-130
Benzene	10.00	10.31	ppbv	103	70-130
1,2-Dichloroethane	10.00	10.16	ppbv	102	70-130
Trichloroethene	10.00	10.08	ppbv	101	70-130
1,2-Dichloropropane	10.00	10.29	ppbv	103	70-130
Bromodichloromethane	10.00	10.31	ppbv	103	70-130
cis-1,3-Dichloropropene	10.00	10.33	ppbv	103	70-130
4-Methyl-2-Pentanone	10.00	11.15	ppbv	111	70-130
Toluene	10.00	10.84	ppbv	108	70-130
trans-1,3-Dichloropropene	10.00	10.41	ppbv	104	70-130
1,1,2-Trichloroethane	10.00	10.12	ppbv	101	70-130
Tetrachloroethene	10.00	9.991	ppbv	100	70-130
2-Hexanone	10.00	11.04	ppbv	110	70-130
Dibromochloromethane	10.00	10.52	ppbv	105	70-130
1,2-Dibromoethane	10.00	10.32	ppbv	103	70-130
Chlorobenzene	10.00	10.26	ppbv	103	70-130
Ethylbenzene	10.00	11.39	ppbv	114	70-130
m,p-Xylenes	20.00	24.09	ppbv	120	70-130
o-Xylene	10.00	11.72	ppbv	117	70-130
Styrene	10.00	12.22	ppbv	122	70-130
Bromoform	10.00	10.85	ppbv	108	70-130
1,1,2,2-Tetrachloroethane	10.00	10.61	ppbv	106	70-130
1,1,1,2-Tetrachloroethane	10.00	10.42	ppbv	104	70-130
4-Ethyltoluene	10.00	11.90	ppbv	119	70-130
1,3,5-Trimethylbenzene	10.00	11.94	ppbv	119	70-130

ENTHALPY ANALYTICAL

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

QC1259744 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits
1,2,4-Trimethylbenzene	10.00	12.06	ppbv	121	70-130
1,3-Dichlorobenzene	10.00	11.06	ppbv	111	70-130
1,4-Dichlorobenzene	10.00	11.15	ppbv	111	70-130
Benzyl chloride	10.00	11.34	ppbv	113	70-130
1,2-Dichlorobenzene	10.00	10.93	ppbv	109	70-130
1,2,4-Trichlorobenzene	10.00	10.92	ppbv	109	70-130
Hexachlorobutadiene	10.00	10.36	ppbv	104	70-130
Naphthalene	10.00	11.39	ppbv	114	70-130

QC1259744 Surrogate	%REC	Limits
Bromofluorobenzene	104	60-140

Type: BSD **Diln Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1259745 **Batch#:** 372051 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 05/22/25 15:27 **Analyst:** DJL

QC1259745 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
1,1-Difluoroethane	10.00	10.27	ppbv	103	70-130	1	25
Freon 12	10.00	10.39	ppbv	104	70-130	2	25
Freon 114	10.00	10.35	ppbv	103	70-130	4	25
Chloromethane	10.00	10.09	ppbv	101	70-130	0	25
Vinyl Chloride	10.00	10.40	ppbv	104	70-130	0	25
Bromomethane	10.00	10.14	ppbv	101	70-130	2	25
Chloroethane	10.00	10.04	ppbv	100	70-130	1	25
Trichlorofluoromethane	10.00	10.16	ppbv	102	70-130	2	25
1,1-Dichloroethene	10.00	10.07	ppbv	101	70-130	1	25
Freon 113	10.00	10.15	ppbv	102	70-130	0	25
Acetone	10.00	10.19	ppbv	102	70-130	1	25
Carbon Disulfide	10.00	10.17	ppbv	102	70-130	1	25
Isopropanol (IPA)	10.00	10.35	ppbv	104	70-130	0	25
Methylene Chloride	10.00	9.986	ppbv	100	70-130	1	25
trans-1,2-Dichloroethene	10.00	9.963	ppbv	100	70-130	0	25
MTBE	10.00	10.36	ppbv	104	70-130	0	25
n-Hexane	10.00	10.97	ppbv	110	70-130	1	25
1,1-Dichloroethane	10.00	10.26	ppbv	103	70-130	1	25
Vinyl Acetate	10.00	10.16	ppbv	102	70-130	0	25
cis-1,2-Dichloroethene	10.00	10.39	ppbv	104	70-130	1	25
2-Butanone	10.00	10.50	ppbv	105	70-130	0	25
Chloroform	10.00	10.18	ppbv	102	70-130	0	25
1,1,1-Trichloroethane	10.00	10.00	ppbv	100	70-130	1	25
Carbon Tetrachloride	10.00	10.17	ppbv	102	70-130	0	25
Benzene	10.00	10.21	ppbv	102	70-130	1	25
1,2-Dichloroethane	10.00	10.13	ppbv	101	70-130	0	25
Trichloroethene	10.00	10.01	ppbv	100	70-130	1	25
1,2-Dichloropropane	10.00	10.10	ppbv	101	70-130	2	25
Bromodichloromethane	10.00	10.10	ppbv	101	70-130	2	25
cis-1,3-Dichloropropene	10.00	10.29	ppbv	103	70-130	0	25
4-Methyl-2-Pentanone	10.00	11.12	ppbv	111	70-130	0	25
Toluene	10.00	10.73	ppbv	107	70-130	1	25
trans-1,3-Dichloropropene	10.00	10.46	ppbv	105	70-130	1	25
1,1,2-Trichloroethane	10.00	9.992	ppbv	100	70-130	1	25
Tetrachloroethene	10.00	9.922	ppbv	99	70-130	1	25

ENTHALPY ANALYTICAL

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

QC1259745 Analyte	Spiked	Result (V)	Units (V)	%REC	Limits	RPD	Lim
2-Hexanone	10.00	11.16	ppbv	112	70-130	1	25
Dibromochloromethane	10.00	10.36	ppbv	104	70-130	2	25
1,2-Dibromoethane	10.00	10.19	ppbv	102	70-130	1	25
Chlorobenzene	10.00	10.06	ppbv	101	70-130	2	25
Ethylbenzene	10.00	11.09	ppbv	111	70-130	3	25
m,p-Xylenes	20.00	23.18	ppbv	116	70-130	4	25
o-Xylene	10.00	11.33	ppbv	113	70-130	3	25
Styrene	10.00	11.84	ppbv	118	70-130	3	25
Bromoform	10.00	10.66	ppbv	107	70-130	2	25
1,1,2,2-Tetrachloroethane	10.00	10.26	ppbv	103	70-130	3	25
1,1,1,2-Tetrachloroethane	10.00	10.18	ppbv	102	70-130	2	25
4-Ethyltoluene	10.00	11.62	ppbv	116	70-130	2	25
1,3,5-Trimethylbenzene	10.00	11.60	ppbv	116	70-130	3	25
1,2,4-Trimethylbenzene	10.00	11.63	ppbv	116	70-130	4	25
1,3-Dichlorobenzene	10.00	10.55	ppbv	106	70-130	5	25
1,4-Dichlorobenzene	10.00	10.92	ppbv	109	70-130	2	25
Benzyl chloride	10.00	11.00	ppbv	110	70-130	3	25
1,2-Dichlorobenzene	10.00	10.73	ppbv	107	70-130	2	25
1,2,4-Trichlorobenzene	10.00	10.85	ppbv	109	70-130	1	25
Hexachlorobutadiene	10.00	10.19	ppbv	102	70-130	2	25
Naphthalene	10.00	11.18	ppbv	112	70-130	2	25

QC1259745 Surrogate	%REC	Limits
Bromofluorobenzene	103	60-140

Legend

RPD: Relative Percent Difference

Result (V): Result in volume units

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BLANK **Diln Fac:** 1.000 **Prep:** METHOD

Lab ID: QC1259746 **Batch#:** 372051 **Analysis:** EPA TO-15

Matrix: Air **Analyzed:** 05/22/25 16:33 **Analyst:** DJL

QC1259746 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,1-Difluoroethane	ND	1.0	ppbv	ND	2.7	ug/m3
Freon 12	ND	0.20	ppbv	ND	0.99	ug/m3
Freon 114	ND	0.20	ppbv	ND	1.4	ug/m3
Chloromethane	ND	0.20	ppbv	ND	0.41	ug/m3
Vinyl Chloride	ND	0.20	ppbv	ND	0.51	ug/m3
Bromomethane	ND	0.20	ppbv	ND	0.78	ug/m3
Chloroethane	ND	0.20	ppbv	ND	0.53	ug/m3
Trichlorofluoromethane	ND	0.20	ppbv	ND	1.1	ug/m3
1,1-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
Freon 113	ND	0.20	ppbv	ND	1.5	ug/m3
Acetone	ND	1.0	ppbv	ND	2.4	ug/m3
Carbon Disulfide	ND	0.20	ppbv	ND	0.62	ug/m3
Isopropanol (IPA)	ND	1.0	ppbv	ND	2.5	ug/m3
Methylene Chloride	ND	0.20	ppbv	ND	0.69	ug/m3
trans-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
MTBE	ND	0.20	ppbv	ND	0.72	ug/m3
n-Hexane	ND	0.20	ppbv	ND	0.70	ug/m3
1,1-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Vinyl Acetate	ND	1.0	ppbv	ND	3.5	ug/m3
cis-1,2-Dichloroethene	ND	0.20	ppbv	ND	0.79	ug/m3
2-Butanone	ND	1.0	ppbv	ND	2.9	ug/m3
Chloroform	ND	0.20	ppbv	ND	0.98	ug/m3
1,1,1-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Carbon Tetrachloride	ND	0.20	ppbv	ND	1.3	ug/m3
Benzene	ND	0.20	ppbv	ND	0.64	ug/m3
1,2-Dichloroethane	ND	0.20	ppbv	ND	0.81	ug/m3
Trichloroethene	ND	0.20	ppbv	ND	1.1	ug/m3
1,2-Dichloropropane	ND	0.20	ppbv	ND	0.92	ug/m3
Bromodichloromethane	ND	0.20	ppbv	ND	1.3	ug/m3
cis-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
4-Methyl-2-Pentanone	ND	0.20	ppbv	ND	0.82	ug/m3
Toluene	ND	0.20	ppbv	ND	0.75	ug/m3
trans-1,3-Dichloropropene	ND	0.20	ppbv	ND	0.91	ug/m3
1,1,2-Trichloroethane	ND	0.20	ppbv	ND	1.1	ug/m3
Tetrachloroethene	ND	0.20	ppbv	ND	1.4	ug/m3
2-Hexanone	ND	0.50	ppbv	ND	2.0	ug/m3
Dibromochloromethane	ND	0.20	ppbv	ND	1.7	ug/m3
1,2-Dibromoethane	ND	0.20	ppbv	ND	1.5	ug/m3
Chlorobenzene	ND	0.20	ppbv	ND	0.92	ug/m3
Ethylbenzene	ND	0.20	ppbv	ND	0.87	ug/m3
m,p-Xylenes	ND	0.40	ppbv	ND	1.7	ug/m3
o-Xylene	ND	0.20	ppbv	ND	0.87	ug/m3
Styrene	ND	0.20	ppbv	ND	0.85	ug/m3
Bromoform	ND	0.20	ppbv	ND	2.1	ug/m3
1,1,2,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
1,1,1,2-Tetrachloroethane	ND	0.20	ppbv	ND	1.4	ug/m3
4-Ethyltoluene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3,5-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3

ENTHALPY ANALYTICAL

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

QC1259746 Analyte	Result (V)	RL (V)	Units (V)	Result (M)	RL (M)	Units (M)
1,2,4-Trimethylbenzene	ND	0.20	ppbv	ND	0.98	ug/m3
1,3-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,4-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
Benzyl chloride	ND	0.20	ppbv	ND	1.0	ug/m3
1,2-Dichlorobenzene	ND	0.20	ppbv	ND	1.2	ug/m3
1,2,4-Trichlorobenzene	ND	0.20	ppbv	ND	1.5	ug/m3
Hexachlorobutadiene	ND	0.20	ppbv	ND	2.1	ug/m3
Naphthalene	ND	1.0	ppbv	ND	5.2	ug/m3
Xylene (total)	ND	0.20	ppbv	ND	0.87	ug/m3

QC1259746 Surrogate	%REC	Limits	Units (M)
Bromofluorobenzene	96	60-140	ug/m3

Legend

ND: Not Detected

RL (V): Reporting Limit

Result (M): Result in mass units

Result (V): Result in volume units

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: RB-10 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-001 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-001 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-5 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-002 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-002 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-2 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-003 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-003 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-9 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-004 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-004 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-11 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-005 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-005 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-12 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-006 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-006 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

ENTHALPY ANALYTICAL

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: DUP-01 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-007 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-007 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-4 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-008 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-008 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-3 **DF:** 2.000 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-009 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-009 Analyte	Result	RL	Units
Helium	ND	0.20	%v/v

Field ID: RB-6 **DF:** 2.000 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-010 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-010 Analyte	Result	RL	Units
Helium	ND	0.20	%v/v

Field ID: DUP-02 **DF:** 1.800 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-011 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-011 Analyte	Result	RL	Units
Helium	ND	0.18	%v/v

Field ID: RB-1 **DF:** 2.000 **Analyzed:** 05/21/25
Type: SAMPLE **Batch#:** 371932 **Prep:** METHOD
Lab ID: 533499-012 **Sampled:** 05/20/25 **Analysis:** ASTM D1946
Matrix: Air **Received:** 05/20/25 **Analyst:** JSA

533499-012 Analyte	Result	RL	Units
Helium	ND	0.20	%v/v

Enthalpy Analytical Report

Lab #: 533499 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	RB-7	**DF:**	2.000	**Analyzed:**	05/21/25
Type:	SAMPLE	**Batch#:**	371932	**Prep:**	METHOD
Lab ID:	533499-013	**Sampled:**	05/20/25	**Analysis:**	ASTM D1946
Matrix:	Air	**Received:**	05/20/25	**Analyst:**	JSA

533499-013 Analyte	Result	RL	Units
Helium	ND	0.20	%v/v

Type:	BLANK	**DF:**	1.000	**Prep:**	METHOD
Lab ID:	QC1259307	**Batch#:**	371932	**Analysis:**	ASTM D1946
Matrix:	Air	**Analyzed:**	05/21/25	**Analyst:**	JSA

QC1259307 Analyte	Result	RL	Units
Helium	ND	0.10	%v/v

Legend
ND: Not Detected
RL: Reporting Limit

Enthalpy Analytical Report: Batch QC

Lab #: 533499 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BS **DF:** 1.000 **Prep:** METHOD
Lab ID: QC1259305 **Batch#:** 371932 **Analysis:** ASTM D1946
Matrix: Air **Analyzed:** 05/21/25 **Analyst:** JSA

QC1259305 Analyte	Spiked	Result	%REC	Limits	Units
Helium	10.00	10.10	101	85-115	%v/v

Type: BSD **DF:** 1.000 **Prep:** METHOD
Lab ID: QC1259306 **Batch#:** 371932 **Analysis:** ASTM D1946
Matrix: Air **Analyzed:** 05/21/25 **Analyst:** JSA

QC1259306 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Helium	10.00	10.14	101	85-115	%v/v	0	10

Field ID: ZZZZZZZZZZ **DF:** 3.500 **Prep:** METHOD
Type: SDUP **Batch#:** 371932 **Analysis:** ASTM D1946
MSS Lab ID: 533453-001 **Sampled:** 05/19/25 **Analyst:** JSA
Lab ID: QC1259308 **Received:** 05/19/25
Matrix: Air **Analyzed:** 05/21/25

QC1259308 Analyte	MSS Result	Result	RL	Units	RPD	Lim
Helium	<0.3500	ND	0.3500	%v/v	NC	20

Field ID: ZZZZZZZZZZ **DF:** 3.500 **Prep:** METHOD
Type: SDUP **Batch#:** 371932 **Analysis:** ASTM D1946
MSS Lab ID: 533453-002 **Sampled:** 05/19/25 **Analyst:** JSA
Lab ID: QC1259309 **Received:** 05/19/25
Matrix: Air **Analyzed:** 05/21/25

QC1259309 Analyte	MSS Result	Result	RL	Units	RPD	Lim
Helium	<0.3500	ND	0.3500	%v/v	NC	20

Legend

NC: Not Calculated
ND: Not Detected
RL: Reporting Limit
RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

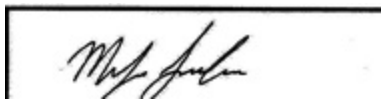
Lab Job Number : 533500
Report Level : II
Report Date : 05/29/2025

Analytical Report *prepared for:*

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Project: 5022.0001L000 - CC-3199 Alvarado St.

Authorized for release by:



Miguel Gamboa, Project Manager
miguel.gamboa@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Bennett Solomon Roux Associates 555 12th Street Suite 250 Oakland, CA 94607		Lab Job #: Project No: Location: Date Received:	533500 5022.0001L000 CC-3199 Alvarado St. 05/20/25

Sample ID	Lab ID	Collected	Matrix
IDW-1	533500-001	05/20/25 07:40	Soil
IDW-2	533500-002	05/20/25 07:40	Soil
IDW-COMP	533500-003	05/20/25 00:00	Soil

Case Narrative

Roux Associates 555 12th Street Suite 250 Oakland, CA 94607 Bennett Solomon	Lab Job Number: 533500 Project No: 5022.0001L000 Location: CC-3199 Alvarado St. Date Received: 05/20/25

This data package contains sample and QC results for one two-point soil composite, requested for the above referenced project on 05/21/25. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):

- EPA 8260 VOC analyses for select samples were performed at our facility at 2532 E. Cerritos Ave, Anaheim CA 92806. Anaheim cert numbers: ELAP Cert #1338-S1, OR ELAP cert #4197.
- No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015M):

- IDW-COMP (lab # 533500-003) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Metals (EPA 6020 and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of IDW-COMP (lab # 533500-003); the associated RPD was within limits. High recoveries were observed for barium; the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Bennett Solomon
Roux Associates
555 12th Street
Suite 250
Oakland, CA 94607

Lab Job #: 533500
Project No: 5022.0001L000
Location: CC-3199 Alvarado St.
Date Received: 05/20/25

Sample ID: IDW-COMP **Lab ID: 533500-003** **Collected: 05/20/25**
Matrix: Soil

533500-003 Analyte	Result	Qual	Units	RL
Method: EPA 6020 Prep Method: EPA 3050B				
Arsenic	**5.1**		mg/Kg	1.0
Barium	**94**		mg/Kg	1.0
Chromium	**40**		mg/Kg	1.0
Cobalt	**9.6**		mg/Kg	1.0
Copper	**32**		mg/Kg	1.0
Lead	**4.6**		mg/Kg	0.50
Nickel	**40**		mg/Kg	1.0
Vanadium	**43**		mg/Kg	2.0
Zinc	**50**		mg/Kg	5.0
Method: EPA 8015M Prep Method: EPA 3580M				
DRO C10-C28	**87**		mg/Kg	40
ORO C28-C44	**450**		mg/Kg	79

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: ~~535~~ 533500

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT	

Login 533500

Matrix: **A** = Air **S** = Soil/Solid **W** = Water / = Drinking Water **P** = Product **O** = Oil = Sediment **T** = Tissue **WP** = Wipe V = Wastewater **X** = Other

Sample Type: C = Composite G = Grab or Discrete B = Blank **O** = Other

Preservatives: **0** = none **1** = $Na_2S_2O_3$ **2** = HCl **3** = HNO_3 **4** = H_2SO_4 **5** = NaOH **6** = Other

Sample Receipt Temp and Notes: (lab use only)

Sample Type*: C = Composite G = Grab or

PROJECT INFORMATION			
Company:	Ruux Associates	Name:	cc-3199 Alvarado St. 5022.000\LOU
Report To:	B. Solomon / J. Osborne	Number:	
Email:	BSolomon@ruuxinc.com / josborne@	P.O. #:	
Address:	555 12 St, Ste 250	Address:	3199 Alvarado St, San Leandro, CA
	Oakland, CA		
Phone:		Global ID:	
Fax:		Sampled By:	B. Solomon

	Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres.	Cont. No.	Cont. Size	Initials	Analysis Request: metals (6020)	VOCs (8260)	TPH-dro-mo (8015)	Test Instructions / Comments
1	IDW-1	5/20/25	0740	S	G	O	1	8oz	BS	✓	✓	✓	• Please include EDD
2	IDW-2	↓	↓	↓	↓	↓	↓	↓	↓	✓	✓	✓	• Lab composite the samples please
3													
4													
5													
6													
7													
8													
9													
10													

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Benmatt Solomon	Ruux / Stuff I	5/20/25 1336
[1] Received By:		Enthalpy	Enthalpy	5-20-25 1336
[2] Relinquished By:		[illegible]	[illegible]	5/20/25 14:40
[2] Received By:		Jesse Perez	EA	5/21/25 10:50
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info
Date Received: 5/20 WO# 533500 Client: ROUX

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No
Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples
☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**
Date Opened 5/20 By (initials) TEA Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None
☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)
☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)
If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: _____ CF: _____
Cooler Temp (°C) #1: ____/____ #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**
☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.
☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**
☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	✓		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	✓		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	✓		
7) Does the container count match the CoC?	✓		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?	✓		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments
(If no comments are made, then no discrepancies noted.)

5/20/25 my

☐ **No additional discrepancies**

Date Logged 5/21/25 **By (print)** my **(sign)** _____
Date Labeled 5/20/25 **By (print)** my **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 5/21/25 WO# 533500 Client: ROUX-OAK

Section 2: Shipping / Custody **Are custody seals present?** ☒ **Yes** ☐ **No**

Custody seals intact on arrival? ☐ N/A ■ Yes ☐ No ■ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ■ Shipping Info: Southwest

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 5/21/25 By (initials) JKR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 11 CF: +0.1

Cooler Temp (°C) #1: 2.7 / 2.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?			X

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 5/20/25 **By (print)** EMV **(sign)** _____

Date Labeled 5/20/25 **By (print)** EMV **(sign)** _____

SOUTHWEST AIRLINES

Printed on:
20 MAY 19:52

526 OAK 2835 4863

SNA

IR 112.7/2.8

PC# 9 OF 9 | DG G | LOT WT 445 LB (201.8 KG)

OAK WN 1576 21 MAY 07:00

STN FLT DATE ETD LOT 01

PC ID: 0009
PC WT: 49LB

526 28354863 0009

S

ENTHALPY ANALYTICAL

Total Volatile Hydrocarbons

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	IDW-COMP	**DF:**	1.022	**Prep:**	EPA 5030B
Type:	SAMPLE	**Batch#:**	372315	**Analysis:**	EPA 8015B
Lab ID:	533500-003	**Sampled:**	05/20/25	**Analyst:**	SXR
Matrix:	Soil	**Received:**	05/20/25		
Basis:	as received	**Analyzed:**	05/27/25		

533500-003 Analyte	**Result**	**RL**	**Units**
TPH Gasoline	ND	1.0	mg/Kg

533500-003 Surrogate	**%REC**	**Limits**
Bromofluorobenzene (FID)	97	60-140

Type:	BLANK	**DF:**	1.000	**Prep:**	EPA 5030B
Lab ID:	QC1260693	**Batch#:**	372315	**Analysis:**	EPA 8015B
Matrix:	Soil	**Analyzed:**	05/27/25	**Analyst:**	SXR

QC1260693 Analyte	**Result**	**RL**	**Units**
TPH Gasoline	ND	1.0	mg/Kg

QC1260693 Surrogate	**%REC**	**Limits**
Bromofluorobenzene (FID)	100	60-140

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Total Volatile Hydrocarbons: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: LCS **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1260690 **Batch#:** 372315 **Analysis:** EPA 8015B

Matrix: Soil **Analyzed:** 05/27/25 **Analyst:** SXR

QC1260690 Analyte	Spiked	Result	%REC	Limits	Units
TPH Gasoline	5.000	5.800	116	70-130	mg/Kg

QC1260690 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	60-140

ENTHALPY ANALYTICAL

Total Volatile Hydrocarbons: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Analyzed:**	05/27/25
Type:	MS	**DF:**	1.002	**Prep:**	EPA 5030B
MSS Lab ID:	533524-004	**Batch#:**	372315	**Analysis:**	EPA 8015B
Lab ID:	QC1260691	**Sampled:**	05/20/25	**Analyst:**	SXR
Matrix:	Soil	**Received:**	05/20/25		

QC1260691 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
TPH Gasoline	<0.08130	5.010	5.757	115	70-130	mg/Kg

QC1260691 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	60-140

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Analyzed:**	05/27/25
Type:	MSD	**DF:**	1.010	**Prep:**	EPA 5030B
MSS Lab ID:	533524-004	**Batch#:**	372315	**Analysis:**	EPA 8015B
Lab ID:	QC1260692	**Sampled:**	05/20/25	**Analyst:**	SXR
Matrix:	Soil	**Received:**	05/20/25		

QC1260692 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
TPH Gasoline	5.051	5.713	113	70-130	mg/Kg	2	20

QC1260692 Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	60-140

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Extractable Carbon Chain

Lab #: 533500 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	IDW-COMP	**DF:**	3.968	**Analyzed:**	05/24/25
Type:	SAMPLE	**Batch#:**	371954	**Prep:**	EPA 3580M
Lab ID:	533500-003	**Sampled:**	05/20/25	**Analysis:**	EPA 8015M
Matrix:	Soil	**Received:**	05/20/25	**Analyst:**	KMB
Basis:	as received	**Prepared:**	05/21/25		

533500-003 Analyte	Result	RL	Units
DRO C10-C28	**87**	40	mg/Kg
ORO C28-C44	**450**	79	mg/Kg

533500-003 Surrogate	%REC	Limits
n-Triacontane	108	70-130

Type:	BLANK	**Batch#:**	371954	**Analysis:**	EPA 8015M
Lab ID:	QC1259401	**Prepared:**	05/21/25	**Analyst:**	KMB
Matrix:	Soil	**Analyzed:**	05/23/25		
DF:	1.000	**Prep:**	EPA 3580M		

QC1259401 Analyte	Result	RL	Units
DRO C10-C28	ND	10	mg/Kg
ORO C28-C44	ND	20	mg/Kg

QC1259401 Surrogate	%REC	Limits
n-Triacontane	92	70-130

Legend
ND: Not Detected
RL: Reporting Limit

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: LCS **Batch#:** 371954 **Analysis:** EPA 8015M

Lab ID: QC1259402 **Prepared:** 05/21/25 **Analyst:** KMB

Matrix: Soil **Analyzed:** 05/23/25

DF: 1.000 **Prep:** EPA 3580M

QC1259402 Analyte	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	250.0	188.8	76	76-122	mg/Kg

QC1259402 Surrogate	%REC	Limits
n-Triacontane	90	70-130

ENTHALPY ANALYTICAL

Extractable Carbon Chain: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: ZZZZZZZZZZ	**Basis:** as received	**Prepared:** 05/21/25
Type: MS	**DF:** 0.9975	**Analyzed:** 05/23/25
MSS Lab ID: 533397-001	**Batch#:** 371954	**Prep:** EPA 3580M
Lab ID: QC1259403	**Sampled:** 05/19/25	**Analysis:** EPA 8015M
Matrix: Miscell.	**Received:** 05/19/25	**Analyst:** KMB

QC1259403 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Diesel C10-C28	7.411	249.4	192.6	74	62-126	mg/Kg

QC1259403 Surrogate	%REC	Limits
n-Triacontane	96	70-130

Field ID: ZZZZZZZZZZ	**Basis:** as received	**Prepared:** 05/21/25
Type: MSD	**DF:** 0.9926	**Analyzed:** 05/23/25
MSS Lab ID: 533397-001	**Batch#:** 371954	**Prep:** EPA 3580M
Lab ID: QC1259404	**Sampled:** 05/19/25	**Analysis:** EPA 8015M
Matrix: Miscell.	**Received:** 05/19/25	**Analyst:** KMB

QC1259404 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Diesel C10-C28	248.1	187.7	73	62-126	mg/Kg	2	35

QC1259404 Surrogate	%REC	Limits
n-Triacontane	94	70-130

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: IDW-COMP **Batch#:** 371969 **Prep:** EPA 5030B

Lab ID: 533500-003 **Sampled:** 05/20/25 **Analysis:** EPA 8260B

Matrix: Soil **Received:** 05/20/25 **Analyst:** ZST

DF: 1.000 **Analyzed:** 05/22/25

533500-003 Analyte	Result	RL	Units	Basis
1,1-Dichloroethane	ND	0.005	mg/Kg	as received
1,1-Dichloroethene	ND	0.005	mg/Kg	as received
1,1-Dichloropropene	ND	0.005	mg/Kg	as received
1,1,1-Trichloroethane	ND	0.005	mg/Kg	as received
1,1,1,2-Tetrachloroethane	ND	0.005	mg/Kg	as received
1,1,2-Trichloroethane	ND	0.005	mg/Kg	as received
1,1,2,2-Tetrachloroethane	ND	0.005	mg/Kg	as received
1,2-Dibromo-3-Chloropropane	ND	0.005	mg/Kg	as received
1,2-Dibromoethane	ND	0.005	mg/Kg	as received
1,2-Dichlorobenzene	ND	0.005	mg/Kg	as received
1,2-Dichloroethane	ND	0.005	mg/Kg	as received
1,2-Dichloropropane	ND	0.005	mg/Kg	as received
1,2,3-Trichlorobenzene	ND	0.005	mg/Kg	as received
1,2,3-Trichloropropane	ND	0.005	mg/Kg	as received
1,2,4-Trichlorobenzene	ND	0.005	mg/Kg	as received
1,2,4-Trimethylbenzene	ND	0.005	mg/Kg	as received
1,3-Dichlorobenzene	ND	0.005	mg/Kg	as received
1,3-Dichloropropane	ND	0.005	mg/Kg	as received
1,3,5-Trimethylbenzene	ND	0.005	mg/Kg	as received
1,4-Dichlorobenzene	ND	0.005	mg/Kg	as received
2-Butanone	ND	0.1	mg/Kg	as received
2-Chlorotoluene	ND	0.005	mg/Kg	as received
2,2-Dichloropropane	ND	0.005	mg/Kg	as received
4-Chlorotoluene	ND	0.005	mg/Kg	as received
4-Methyl-2-Pentanone	ND	0.005	mg/Kg	as received
Acetone	ND	0.1	mg/Kg	as received
Benzene	ND	0.005	mg/Kg	as received
Bromobenzene	ND	0.005	mg/Kg	as received
Bromochloromethane	ND	0.005	mg/Kg	as received
Bromodichloromethane	ND	0.005	mg/Kg	as received
Bromoform	ND	0.005	mg/Kg	as received
Bromomethane	ND	0.005	mg/Kg	as received
Carbon Tetrachloride	ND	0.005	mg/Kg	as received
Chlorobenzene	ND	0.005	mg/Kg	as received
Chloroethane	ND	0.005	mg/Kg	as received
Chloroform	ND	0.005	mg/Kg	as received
Chloromethane	ND	0.005	mg/Kg	as received
cis-1,2-Dichloroethene	ND	0.005	mg/Kg	as received
cis-1,3-Dichloropropene	ND	0.005	mg/Kg	as received
Dibromochloromethane	ND	0.005	mg/Kg	as received
Dibromomethane	ND	0.005	mg/Kg	as received
Ethylbenzene	ND	0.005	mg/Kg	as received
Freon 113	ND	0.005	mg/Kg	as received
Freon 12	ND	0.005	mg/Kg	as received
Hexachlorobutadiene	ND	0.005	mg/Kg	as received
Isopropylbenzene	ND	0.005	mg/Kg	as received

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

533500-003 Analyte	Result	RL	Units	Basis
Methylene Chloride	ND	0.01	mg/Kg	as received
MTBE	ND	0.005	mg/Kg	as received
n-Butylbenzene	ND	0.005	mg/Kg	as received
Naphthalene	ND	0.005	mg/Kg	as received
para-Isopropyl Toluene	ND	0.005	mg/Kg	as received
Propylbenzene	ND	0.005	mg/Kg	as received
sec-Butylbenzene	ND	0.005	mg/Kg	as received
Styrene	ND	0.005	mg/Kg	as received
tert-Butylbenzene	ND	0.005	mg/Kg	as received
Tetrachloroethene	ND	0.005	mg/Kg	as received
Toluene	ND	0.005	mg/Kg	as received
trans-1,2-Dichloroethene	ND	0.005	mg/Kg	as received
trans-1,3-Dichloropropene	ND	0.005	mg/Kg	as received
Trichloroethene	ND	0.005	mg/Kg	as received
Trichlorofluoromethane	ND	0.005	mg/Kg	as received
Vinyl Chloride	ND	0.005	mg/Kg	as received
m,p-Xylenes	ND	0.01	mg/Kg	as received
o-Xylene	ND	0.005	mg/Kg	as received
Xylene (total)	ND	0.02	mg/Kg	

533500-003 Surrogate	%REC	Limits	Basis
Dibromofluoromethane	93	70-145	as received
1,2-Dichloroethane-d4	114	70-145	as received
Toluene-d8	99	70-145	as received
Bromofluorobenzene	97	70-145	as received

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BS **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1259431 **Batch#:** 371969 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 05/21/25 **Analyst:** ZST

QC1259431 Analyte	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	0.05000	0.05197	104	70-131	mg/Kg
Benzene	0.05000	0.04731	95	70-130	mg/Kg
Chlorobenzene	0.05000	0.04842	97	70-130	mg/Kg
MTBE	0.05000	0.04360	87	69-130	mg/Kg
Toluene	0.05000	0.04842	97	70-130	mg/Kg
Trichloroethene	0.05000	0.03870	77	70-130	mg/Kg

QC1259431 Surrogate	%REC	Limits
Dibromofluoromethane	96	70-130
1,2-Dichloroethane-d4	108	70-145
Toluene-d8	102	70-145
Bromofluorobenzene	97	70-145

Type: BSD **DF:** 1.000 **Prep:** EPA 5030B

Lab ID: QC1259432 **Batch#:** 371969 **Analysis:** EPA 8260B

Matrix: Soil **Analyzed:** 05/21/25 **Analyst:** ZST

QC1259432 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	0.05000	0.04936	99	70-131	mg/Kg	5	33
Benzene	0.05000	0.04480	90	70-130	mg/Kg	5	30
Chlorobenzene	0.05000	0.04464	89	70-130	mg/Kg	8	30
MTBE	0.05000	0.04251	85	69-130	mg/Kg	3	30
Toluene	0.05000	0.04485	90	70-130	mg/Kg	8	30
Trichloroethene	0.05000	0.03603	72	70-130	mg/Kg	7	30

QC1259432 Surrogate	%REC	Limits
Dibromofluoromethane	99	70-130
1,2-Dichloroethane-d4	111	70-145
Toluene-d8	100	70-145
Bromofluorobenzene	96	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: IDW-COMP **Basis:** as received **Analyzed:** 05/21/25

Type: MS **DF:** 1.025 **Prep:** EPA 5030B

MSS Lab ID: 533500-003 **Batch#:** 371969 **Analysis:** EPA 8260B

Lab ID: QC1259435 **Sampled:** 05/20/25 **Analyst:** ZST

Matrix: Soil **Received:** 05/20/25

QC1259435 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
1,1-Dichloroethene	<0.001411	0.02049	0.01956	95	70-141	mg/Kg
Benzene	<0.0009565	0.02049	0.01847	90	70-130	mg/Kg
Chlorobenzene	<0.001107	0.02049	0.01844	90	70-130	mg/Kg
MTBE	<0.001106	0.02049	0.01708	83	59-130	mg/Kg
Toluene	<0.0009192	0.02049	0.01890	92	70-130	mg/Kg
Trichloroethene	<0.0008548	0.02049	0.01496	73	69-130	mg/Kg

QC1259435 Surrogate	%REC	Limits
Dibromofluoromethane	97	70-145
1,2-Dichloroethane-d4	112	70-145
Toluene-d8	102	70-145
Bromofluorobenzene	96	70-145

Field ID: IDW-COMP **Basis:** as received **Analyzed:** 05/21/25

Type: MSD **DF:** 1.016 **Prep:** EPA 5030B

MSS Lab ID: 533500-003 **Batch#:** 371969 **Analysis:** EPA 8260B

Lab ID: QC1259436 **Sampled:** 05/20/25 **Analyst:** ZST

Matrix: Soil **Received:** 05/20/25

QC1259436 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
1,1-Dichloroethene	0.02033	0.02138	105	70-141	mg/Kg	10	43
Benzene	0.02033	0.01938	95	70-130	mg/Kg	6	30
Chlorobenzene	0.02033	0.01913	94	70-130	mg/Kg	5	30
MTBE	0.02033	0.01722	85	59-130	mg/Kg	2	30
Toluene	0.02033	0.01957	96	70-130	mg/Kg	4	30
Trichloroethene	0.02033	0.01604	79	69-130	mg/Kg	8	30

QC1259436 Surrogate	%REC	Limits
Dibromofluoromethane	97	70-145
1,2-Dichloroethane-d4	112	70-145
Toluene-d8	101	70-145
Bromofluorobenzene	98	70-145

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000
Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BLANK **DF:** 1.000 **Prep:** EPA 5030B
Lab ID: QC1259438 **Batch#:** 371969 **Analysis:** EPA 8260B
Matrix: Soil **Analyzed:** 05/22/25 **Analyst:** ZST

QC1259438 Analyte	Result	RL	Units
1,1-Dichloroethane	ND	0.005	mg/Kg
1,1-Dichloroethene	ND	0.005	mg/Kg
1,1-Dichloropropene	ND	0.005	mg/Kg
1,1,1-Trichloroethane	ND	0.005	mg/Kg
1,1,1,2-Tetrachloroethane	ND	0.005	mg/Kg
1,1,2-Trichloroethane	ND	0.005	mg/Kg
1,1,2,2-Tetrachloroethane	ND	0.005	mg/Kg
1,2-Dibromo-3-Chloropropane	ND	0.005	mg/Kg
1,2-Dibromoethane	ND	0.005	mg/Kg
1,2-Dichlorobenzene	ND	0.005	mg/Kg
1,2-Dichloroethane	ND	0.005	mg/Kg
1,2-Dichloropropane	ND	0.005	mg/Kg
1,2,3-Trichlorobenzene	ND	0.005	mg/Kg
1,2,3-Trichloropropane	ND	0.005	mg/Kg
1,2,4-Trichlorobenzene	ND	0.005	mg/Kg
1,2,4-Trimethylbenzene	ND	0.005	mg/Kg
1,3-Dichlorobenzene	ND	0.005	mg/Kg
1,3-Dichloropropane	ND	0.005	mg/Kg
1,3,5-Trimethylbenzene	ND	0.005	mg/Kg
1,4-Dichlorobenzene	ND	0.005	mg/Kg
2-Butanone	ND	0.1	mg/Kg
2-Chlorotoluene	ND	0.005	mg/Kg
2,2-Dichloropropane	ND	0.005	mg/Kg
4-Chlorotoluene	ND	0.005	mg/Kg
4-Methyl-2-Pentanone	ND	0.005	mg/Kg
Acetone	ND	0.1	mg/Kg
Benzene	ND	0.005	mg/Kg
Bromobenzene	ND	0.005	mg/Kg
Bromochloromethane	ND	0.005	mg/Kg
Bromodichloromethane	ND	0.005	mg/Kg
Bromoform	ND	0.005	mg/Kg
Bromomethane	ND	0.005	mg/Kg
Carbon Tetrachloride	ND	0.005	mg/Kg
Chlorobenzene	ND	0.005	mg/Kg
Chloroethane	ND	0.005	mg/Kg
Chloroform	ND	0.005	mg/Kg
Chloromethane	ND	0.005	mg/Kg
cis-1,2-Dichloroethene	ND	0.005	mg/Kg
cis-1,3-Dichloropropene	ND	0.005	mg/Kg
Dibromochloromethane	ND	0.005	mg/Kg
Dibromomethane	ND	0.005	mg/Kg
Ethylbenzene	ND	0.005	mg/Kg
Freon 113	ND	0.005	mg/Kg
Freon 12	ND	0.005	mg/Kg
Hexachlorobutadiene	ND	0.005	mg/Kg
Isopropylbenzene	ND	0.005	mg/Kg
Methylene Chloride	ND	0.01	mg/Kg
MTBE	ND	0.005	mg/Kg

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

QC1259438 Analyte	Result	RL	Units
n-Butylbenzene	ND	0.005	mg/Kg
Naphthalene	ND	0.005	mg/Kg
para-Isopropyl Toluene	ND	0.005	mg/Kg
Propylbenzene	ND	0.005	mg/Kg
sec-Butylbenzene	ND	0.005	mg/Kg
Styrene	ND	0.005	mg/Kg
tert-Butylbenzene	ND	0.005	mg/Kg
Tetrachloroethene	ND	0.005	mg/Kg
Toluene	ND	0.005	mg/Kg
trans-1,2-Dichloroethene	ND	0.005	mg/Kg
trans-1,3-Dichloropropene	ND	0.005	mg/Kg
Trichloroethene	ND	0.005	mg/Kg
Trichlorofluoromethane	ND	0.005	mg/Kg
Vinyl Chloride	ND	0.005	mg/Kg
m,p-Xylenes	ND	0.01	mg/Kg
o-Xylene	ND	0.005	mg/Kg
Xylene (total)	ND	0.02	mg/Kg

QC1259438 Surrogate	%REC	Limits
Dibromofluoromethane	93	70-130
1,2-Dichloroethane-d4	113	70-145
Toluene-d8	103	70-145
Bromofluorobenzene	99	70-145

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID: IDW-COMP **Matrix:** Soil **Sampled:** 05/20/25

Lab ID: 533500-003 **Basis:** as received **Received:** 05/20/25

533500-003 Analyte	Result	RL	Units	DF	Batch#	Prepared	Analyzed	Prep	Analysis	Analyst
Antimony	ND	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Arsenic	**5.1**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Barium	**94**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Beryllium	ND	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Cadmium	ND	0.50	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Chromium	**40**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Cobalt	**9.6**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Copper	**32**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Lead	**4.6**	0.50	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Mercury	ND	0.16	mg/Kg	1.111	372014	05/22/25	05/22/25	EPA 7471A	EPA 7471A	SMP
Molybdenum	ND	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Nickel	**40**	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Selenium	ND	2.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Silver	ND	0.50	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Thallium	ND	1.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Vanadium	**43**	2.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC
Zinc	**50**	5.0	mg/Kg	1.000	371951	05/21/25	05/21/25	EPA 3050B	EPA 6020	DXC

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BLANK **Batch#:** 371951 **Analysis:** EPA 6020

Lab ID: QC1259388 **Prepared:** 05/21/25 **Analyst:** DXC

Matrix: Soil **Analyzed:** 05/21/25

DF: 1.000 **Prep:** EPA 3050B

QC1259388 Analyte	Result	RL	Units
Antimony	ND	1.0	mg/Kg
Arsenic	ND	1.0	mg/Kg
Barium	ND	1.0	mg/Kg
Beryllium	ND	1.0	mg/Kg
Cadmium	ND	0.50	mg/Kg
Chromium	ND	1.0	mg/Kg
Cobalt	ND	1.0	mg/Kg
Copper	ND	1.0	mg/Kg
Lead	ND	0.50	mg/Kg
Molybdenum	ND	1.0	mg/Kg
Nickel	ND	1.0	mg/Kg
Selenium	ND	2.0	mg/Kg
Silver	ND	0.50	mg/Kg
Thallium	ND	1.0	mg/Kg
Vanadium	ND	2.0	mg/Kg
Zinc	ND	5.0	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: LCS **Batch#:** 371951 **Analysis:** EPA 6020

Lab ID: QC1259389 **Prepared:** 05/21/25 **Analyst:** DXC

Matrix: Soil **Analyzed:** 05/21/25

DF: 1.000 **Prep:** EPA 3050B

QC1259389 Analyte	Spiked	Result	%REC	Limits	Units
Antimony	100.0	120.0	120	80-120	mg/Kg
Arsenic	100.0	102.3	102	80-120	mg/Kg
Barium	100.0	101.5	102	80-120	mg/Kg
Beryllium	100.0	99.47	99	80-120	mg/Kg
Cadmium	100.0	103.1	103	80-120	mg/Kg
Chromium	100.0	102.2	102	80-120	mg/Kg
Cobalt	100.0	102.1	102	80-120	mg/Kg
Copper	100.0	107.9	108	80-120	mg/Kg
Lead	100.0	95.62	96	80-120	mg/Kg
Molybdenum	100.0	99.86	100	80-120	mg/Kg
Nickel	100.0	106.8	107	80-120	mg/Kg
Selenium	100.0	101.6	102	80-120	mg/Kg
Silver	50.00	58.37	117	80-120	mg/Kg
Thallium	100.0	95.09	95	80-120	mg/Kg
Vanadium	100.0	100.9	101	80-120	mg/Kg
Zinc	100.0	116.6	117	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	IDW-COMP	**Basis:**	as received	**Prepared:**	05/21/25
Type:	MS	**DF:**	0.9615	**Analyzed:**	05/21/25
MSS Lab ID:	533500-003	**Batch#:**	371951	**Prep:**	EPA 3050B
Lab ID:	QC1259390	**Sampled:**	05/20/25	**Analysis:**	EPA 6020
Matrix:	Soil	**Received:**	05/20/25	**Analyst:**	DXC

QC1259390 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Antimony	<0.9235	96.15	44.15	46 *	75-125	mg/Kg
Arsenic	5.079	96.15	100.7	99	75-125	mg/Kg
Barium	94.19	96.15	238.8	150 *	75-125	mg/Kg
Beryllium	0.4040	96.15	93.89	97	75-125	mg/Kg
Cadmium	0.1460	96.15	95.60	99	75-125	mg/Kg
Chromium	39.66	96.15	142.8	107	75-125	mg/Kg
Cobalt	9.575	96.15	98.64	93	75-125	mg/Kg
Copper	31.64	96.15	125.2	97	75-125	mg/Kg
Lead	4.573	96.15	100.9	100	75-125	mg/Kg
Molybdenum	0.5750	96.15	79.83	82	75-125	mg/Kg
Nickel	40.14	96.15	145.7	110	75-125	mg/Kg
Selenium	<1.683	96.15	93.80	98	75-125	mg/Kg
Silver	<0.3615	48.08	53.15	111	75-125	mg/Kg
Thallium	<0.3569	96.15	93.77	98	75-125	mg/Kg
Vanadium	42.99	96.15	141.2	102	75-125	mg/Kg
Zinc	49.58	96.15	160.1	115	75-125	mg/Kg

Field ID:	IDW-COMP	**Basis:**	as received	**Prepared:**	05/21/25
Type:	MSD	**DF:**	0.9709	**Analyzed:**	05/21/25
MSS Lab ID:	533500-003	**Batch#:**	371951	**Prep:**	EPA 3050B
Lab ID:	QC1259391	**Sampled:**	05/20/25	**Analysis:**	EPA 6020
Matrix:	Soil	**Received:**	05/20/25	**Analyst:**	DXC

QC1259391 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Antimony	97.09	42.92	44 *	75-125	mg/Kg	4	20
Arsenic	97.09	104.6	102	75-125	mg/Kg	3	20
Barium	97.09	217.9	127 *	75-125	mg/Kg	10	20
Beryllium	97.09	96.80	99	75-125	mg/Kg	2	20
Cadmium	97.09	98.55	101	75-125	mg/Kg	2	20
Chromium	97.09	149.2	113	75-125	mg/Kg	4	20
Cobalt	97.09	110.2	104	75-125	mg/Kg	10	20
Copper	97.09	135.9	107	75-125	mg/Kg	8	20
Lead	97.09	109.4	108	75-125	mg/Kg	7	20
Molybdenum	97.09	87.98	90	75-125	mg/Kg	9	20
Nickel	97.09	146.6	110	75-125	mg/Kg	0	20
Selenium	97.09	98.97	102	75-125	mg/Kg	4	20
Silver	48.54	54.36	112	75-125	mg/Kg	1	20
Thallium	97.09	102.9	106	75-125	mg/Kg	8	20
Vanadium	97.09	147.2	107	75-125	mg/Kg	3	20
Zinc	97.09	159.9	114	75-125	mg/Kg	1	20

Legend

*: Value is outside QC limits

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	IDW-COMP	**Basis:**	as received	**Analyzed:**	05/21/25
Type:	Post Digest Spike	**DF:**	1.000	**Prep:**	EPA 3050B
MSS Lab ID:	533500-003	**Batch#:**	371951	**Analysis:**	EPA 6020
Lab ID:	QC1259392	**Sampled:**	05/20/25	**Analyst:**	DXC
Matrix:	Soil	**Received:**	05/20/25		

QC1259392 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Antimony	<0.9235	100.0	92.83	93	75-125	mg/Kg
Arsenic	5.079	100.0	110.3	105	75-125	mg/Kg
Barium	94.19	100.0	194.0	100	75-125	mg/Kg
Beryllium	0.4040	100.0	100.7	100	75-125	mg/Kg
Cadmium	0.1460	100.0	102.9	103	75-125	mg/Kg
Chromium	39.66	100.0	141.2	101	75-125	mg/Kg
Cobalt	9.575	100.0	115.4	106	75-125	mg/Kg
Copper	31.64	100.0	140.6	109	75-125	mg/Kg
Lead	4.573	100.0	105.8	101	75-125	mg/Kg
Molybdenum	0.5750	100.0	96.69	96	75-125	mg/Kg
Nickel	40.14	100.0	147.8	108	75-125	mg/Kg
Selenium	<1.683	100.0	103.5	104	75-125	mg/Kg
Silver	<0.3615	50.00	51.06	102	75-125	mg/Kg
Thallium	<0.3569	100.0	102.6	103	75-125	mg/Kg
Vanadium	42.99	100.0	144.9	102	75-125	mg/Kg
Zinc	49.58	100.0	151.5	102	75-125	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	IDW-COMP	**Basis:**	as received	**Analyzed:**	05/21/25
Type:	Serial Dilution	**DF:**	5.000	**Prep:**	EPA 3050B
MSS Lab ID:	533500-003	**Batch#:**	371951	**Analysis:**	EPA 6020
Lab ID:	QC1259420	**Sampled:**	05/20/25	**Analyst:**	DXC
Matrix:	Soil	**Received:**	05/20/25		

QC1259420 Analyte	MSS Result	MSS RL	Result	RL	Units	% Diff	Lim
Antimony	ND	1.000	ND	5.000	mg/Kg	NC	10
Arsenic	5.079	1.000	**5.115**	5.000	mg/Kg	NC	10
Barium	94.19	1.000	**91.56**	5.000	mg/Kg	3	10
Beryllium	0.4040	1.000	ND	5.000	mg/Kg	NC	10
Cadmium	0.1460	0.5000	ND	2.500	mg/Kg	NC	10
Chromium	39.66	1.000	**42.84**	5.000	mg/Kg	8	10
Cobalt	9.575	1.000	**11.11**	5.000	mg/Kg	16 *	10
Copper	31.64	1.000	**34.71**	5.000	mg/Kg	NC	10
Lead	4.573	0.5000	**4.471**	2.500	mg/Kg	NC	10
Molybdenum	0.5750	1.000	ND	5.000	mg/Kg	NC	10
Nickel	40.14	1.000	**44.70**	5.000	mg/Kg	11 *	10
Selenium	ND	2.000	ND	10.00	mg/Kg	NC	10
Silver	ND	0.5000	ND	5.000	mg/Kg	NC	10
Thallium	ND	1.000	ND	5.000	mg/Kg	NC	10
Vanadium	42.99	2.000	**45.65**	10.00	mg/Kg	6	10
Zinc	49.58	5.000	**88.94**	25.00	mg/Kg	NC	10

Legend

***:** Value is outside QC limits

NC: Not Calculated

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: BLANK **Batch#:** 372014 **Analysis:** EPA 7471A

Lab ID: QC1259635 **Prepared:** 05/22/25 **Analyst:** SMP

Matrix: Soil **Analyzed:** 05/22/25

DF: 0.9998 **Prep:** EPA 7471A

QC1259635 Analyte	Result	RL	Units
Mercury	ND	0.14	mg/Kg

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Type: LCS **Batch#:** 372014 **Analysis:** EPA 7471A

Lab ID: QC1259636 **Prepared:** 05/22/25 **Analyst:** SMP

Matrix: Soil **Analyzed:** 05/22/25

DF: 0.9998 **Prep:** EPA 7471A

QC1259636 Analyte	Spiked	Result	%REC	Limits	Units
Mercury	0.8333	0.8497	102	80-120	mg/Kg

ENTHALPY ANALYTICAL

California Title 22 Metals: Batch QC

Lab #: 533500 **Project#:** 5022.0001L000

Client: Roux Associates **Location:** CC-3199 Alvarado St.

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	05/22/25
Type:	MS	**DF:**	1.017	**Analyzed:**	05/22/25
MSS Lab ID:	533595-001	**Batch#:**	372014	**Prep:**	EPA 7471A
Lab ID:	QC1259637	**Sampled:**	05/20/25	**Analysis:**	EPA 7471A
Matrix:	Soil	**Received:**	05/21/25	**Analyst:**	SMP

QC1259637 Analyte	MSS Result	Spiked	Result	%REC	Limits	Units
Mercury	0.09316	0.8475	1.037	111	75-125	mg/Kg

Field ID:	ZZZZZZZZZZ	**Basis:**	as received	**Prepared:**	05/22/25
Type:	MSD	**DF:**	1.176	**Analyzed:**	05/22/25
MSS Lab ID:	533595-001	**Batch#:**	372014	**Prep:**	EPA 7471A
Lab ID:	QC1259638	**Sampled:**	05/20/25	**Analysis:**	EPA 7471A
Matrix:	Soil	**Received:**	05/21/25	**Analyst:**	SMP

QC1259638 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Mercury	0.9804	1.066	99	75-125	mg/Kg	10	20

Legend

RPD: Relative Percent Difference

Appendix E-4

City and DTSC Correspondence (July 2025)

Department of Toxic Substances Control

Yana Garcia
Secretary for
Environmental Protection

Katherine M. Butler, MPH, Director
700 Heinz Avenue
Berkeley, California 94710-2721
https://dtsc.ca.gov/

Gavin Newsom
Governor

July 25, 2025

Lourdes Juarez
Associate Planner
Planning Division
City of San Leandro
835 East 14th Street
San Leandro, California 94577

PHASE II SOIL AND SOIL VAPOR INVESTIGATION LETTER REPORT; 3199 ALVARADO STREET, SAN LEANDRO, CALIFORNIA (CUP/SPR | PLN24-0030)

Dear Ms. Juarez

This letter presents technical comments from the Department of Toxic Substances Control (DTSC) following a limited review of Phase II Soil and Soil Vapor Investigation Letter Report (Phase II Letter Report; CUP/SPR | PLN24-0030) for a property located at 3199 Alvarado Street, San Leandro, California, as submitted by the City of San Leandro on July 7, 2025.

1. Scope of Review

DTSC review was limited in scope and focused specifically on the Phase II Letter Report and its attachments. DTSC does not have a formal agreement with the 3199 Alvarado Street property (Property) owner to provide comprehensive oversight or to review and approve work plans and their subsequent implementation reports. Consequently, the observations and recommendations contained herein are based solely on the data presented in the documents provided and experience with the DWA Plume site. The Property is within the DWA Plume study area.

2. Key Observations

The Phase II investigation was conducted to evaluate potential vapor intrusion (VI) risks associated with the Recognized Environmental Conditions (REC) identified in the Phase I investigation (Phase I Environmental Site Assessment [ESA]), included as attachment of the Phase II Letter Report. The Phase I ESA identified groundwater contamination from sources outside of the Property as the only REC. The key observations from the Phase II Letter Report are summarized below.

2.1 Soil Gas Sampling Results

- Tetrachloroethene (PCE): PCE concentrations were above the DTSC commercial air screening level (SL) of 67 micrograms per cubic meter (µg/m^3) "in nine of twelve samples (including one duplicate sample) with concentrations ranging from 20 to 13,000 µg/m^3."
- Trichloroethene (TCE): TCE concentrations were above the DTSC commercial air SL of 100 µg/m^3 "in three of twelve samples (including one duplicate), with concentrations ranging from 170 to 180 µg/m^3."

The highest PCE concentrations in soil gas were along the northwest property boundary. PCE concentrations on the Property generally decrease toward the southeast.

2.2 Sub-Slab Soil Gas Sampling Results

Sub-slab soil gas probes were installed in twelve locations within the limits of the Property building (warehouse).

- PCE: PCE was detected above the DTSC commercial air SL of 67 µg/m^3 in nine of twelve samples (including one duplicate sample) with concentrations ranging from 198 to 1,990 µg/m^3.
- TCE: TCE was detected in three sampling locations, with the highest concentration of 8 µg/m^3, which is lower than the DTSC commercial air SL of 100 µg/m^3.

Based on the sub-slab soil gas distribution across the Property's building footprint, it appears that the area with the highest PCE concentration is located in the south-central portion of the building footprint.

3. Limited Site Characterization and Data Gaps

- The Phase II Letter Report does not contain information about historical sewer lines or other preferential pathways beneath the building's foundation, or the presence of sumps, Underground Storage Tank (UST)), or other areas of concern (AOC; e.g., oil-water separator).

- The Phase II Letter Report does not provide a complete record of the eight inactive hazardous waste identification numbers associated with the Property (records indicate that waste generation dates back to 1996).

4. Conclusion and Recommendation

The conclusions and recommendations are restricted to the data provided and experience with the DWA Plume.

The relative PCE concentrations in samples collected from the sub-slab as compared to nearby soil vapor samples collected from 5 feet below ground surface (bgs) varied across the Property:

- The PCE concentration at sub-slab sampling point VP-09 was about one fifth of the PCE concentration at the approximately collocated soil vapor sampling point RB-9.

- The PCE concentration at VP-1 was also lower than at RB-2 and RB-7,

- However, the concentration of PCE at VP-05 (1,460 µg/m^3) was similar to the nearest soil vapor sampling point, RB-2 (1,600 µg/m^3),

- The concentration of PCE at VP-03 was about 10 times higher than the nearest soil vapor sampling point, RB-11.

The highest concentrations of sub-slab soil vapor samples were found in a different area of the Property than the concentrations in the 5-feett below ground surface (bgs) soil vapor samples. This data does not demonstrate a consistent relationship between the sub-slab and the soil vapor concentrations at 5 feet bgs. That being said, there is some general similarity in the distribution of both sub-slab and 5-foot bgs soil vapor samples. In summary, uncertainty remains regarding the potential sources of VOCs at this Property.

The Phase II Letter Report's recommendation for a passive sub-slab vapor intrusion mitigation system (VIMS) does not adequately address the risk posed by the high PCE concentrations, such as 1,990 µg/m^3, reported at vapor point VP-04.

- A passive VIMS' performance is highly variable, as it depends on the type of materials used, the construction, and it is also subject to degradation over time.
- While high-quality passive VIMS can, under ideal conditions, reduce sub-slab vapor concentrations by one to two orders of magnitude (i.e., 90 % to 99% reduction[1,2,3]), this level of performance is not guaranteed.
- Given these factors, an active sub-slab depressurization system is recommended to provide a more reliable, continued and robust protective measure

The Property is in a part of the DWA Plume study area where a data gap has been identified. DTSC is planning to conduct a supplemental site characterization for the DWA Plume in 2025 and 2026 that will include sampling near the Property. As part of this effort, additional groundwater and soil gas samples will be collected in areas around the property. This additional data will improve the DWA Plume conceptual site model (CSM) and the understanding of the potential correlation between the soil gas concentrations observed on this Property and the DWA Plume.

Once additional data from the upcoming supplemental site characterization becomes available, the DWA Plume CSM will be refined, and DTSC will be able to reassess if the observed property-specific data correlates with the observed off-site soil gas data. A

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1 = Vapor Intrusion Mitigation in Construction of New Buildings Fact Sheet

https://clu-in.org/download/contaminantfocus/vi/vi_mit_new_bldg_fs.pdf

2 = Passive Sub-Slab Venting Systems Tech Sheet

https://vim-1.itrcweb.org/passive-sub-slab-venting-systems-tech-sheet/#:~:text=Limitations,riser%20pipes%20than%20active%20systems.

3 = Effectiveness of Passive Vapor Intrusion Mitigation Systems

https://www.battelle.org/docs/default-source/hidden/2022-chlorinated-conference-presentations/f8_1055_id1095_reinis.pdf?sfvrsn=90e62bef_3#:~:text=Passive%20VIMS%20Performance:%20VI%20Risk,Exchange%20Rate%20(exchanges/day)

report will be prepared documenting the data, our assessment, observations, and recommendations. The report will be made publicly available in our data repository, EnviroStor, following its approval.

The link below provides access to the repository. On the main page, there is a feature to sign up for email alerts for project updates, including the publication of any reports.

https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=01990002

Sincerely,

Moises Carvalho

Moises Carvalho, P.G.
Project Manager
Site Mitigation and Restoration Program
Department of Toxic Substances Control

cc: Karina Navarro, P.E.
Unit Chief
Site Mitigation and Restoration Program
Department of Toxic Substances Control

Appendix E-5

City and DTSC Correspondence (September 2025)

Outlook

3199 Alvarado Street - DTSC Review Status

From Yuen, Nicole@DTSC <Nicole.Yuen@dtsc.ca.gov>
Date Fri 9/12/25 5:41 PM
To Juarez, Lourdes <LJuarez@sanleandro.org>
Cc Carvalho, Moises@DTSC <Moises.Carvalho@dtsc.ca.gov>; Navarro, Karina@DTSC <Karina.Navarro@dtsc.ca.gov>

You don't often get email from nicole.yuen@dtsc.ca.gov. Learn why this is important

ATTENTION: This email is from an external source, outside of the City. While attachments and links are scanned by our Advanced Threat Protection service, we still recommend you use caution when opening or clicking them. Unless you recognize the sender and have an expectation that the content is safe, it is best to ignore this email and report it to the Helpdesk. Sincerely, Your IT Team

Hi Lourdes,

I'm the Brownfields Coordinator for the DTSC Berkeley office and I handle the intake of new sites and help get the oversight applications in place. I understand that you reached out to DTSC regarding our review status of documents necessary for the redevelopment of 3199 Alvarado Street. DTSC is still working on getting the Standard Voluntary Agreement with the property owner in place; DTSC cannot review any documents until this Agreement has been fully executed. The Agreement is currently with our management for final review before I can release it for signature. DTSC will not be able to finish its review of project documents before September 30, 2025 and I can't provide an estimate of when our review will be completed at this time.

Please reach out if you have any questions.

Nicole Yuen, MS, EIT *(she/her/hers)*
Hazardous Substances Engineer || Berkeley Brownfields Coordinator
Site Mitigation and Restoration Program
Nicole.Yuen@dtsc.ca.gov
Department of Toxic Substances Control
700 Heinz Avenue, Berkeley, California 94710-2721
California Environmental Protection Agency

DTSC Department of Toxic Substances Control
CalEPA California Environmental Protection Agency

Appendix F

Drainage Report

DRAINAGE REPORT

3199 ALVARADO STREET, SAN LEANDRO, CA 94577

MARCH 2025

WARE MALCOMB
JON LORENZO
Pleasanton, California

WARE MALCOMB

ARCHITECTURE
PLANNING
INTERIORS

CIVIL ENGINEERING
BRANDING
BUILDING MEASUREMENT

Existing and Proposed Drainage Conditions

EXISTING CONDITIONS

The existing project site is composed of a ±250,000 SF commercial building and a parking lot with pervious parking islands on the east side of the property. The site drains into two main storm drain lines owned by Alameda County Flood Control District - one 5'x7' RCB main along the south side which eventually flows into the 48" trunk line on the west side. The drainage pattern of the existing site has been separated into 5 Drainage Management Areas (DMA's). The weighted runoff coefficient (c-factor) was calculated by multiplying the impervious area (in acres) by a c-factor of .90 for and adding it to the pervious area (in acres) multiplied by a c-factor of .25 then dividing by the total DMA area (in acres) to get the weighted c-factor. The existing site drainage conditions account for a total of **28.78 cfs** of total flow per the Existing Conditions table below. In the existing stormwater plan, 15.08 cfs is flowing to the trunk line on the west side. 13.70 cfs is flowing to the main line on the south side.

PROPOSED CONDITIONS

The proposed site will compose of ±241,400 SF building with parking areas on the North, East, and South sides of the parcel, along with truck docks on the entire North side of the building. Stormwater treatment areas are separated into 4 DMA areas. The proposed improvements replace approximately 90,000 SF of existing impervious area with new pervious area. The weighted runoff coefficient was calculated the same way as done for the existing conditions in the previous paragraph. The calculated weighted runoff coefficient can be found in the Proposed Conditions table below. This increase in pervious area decreases the total site runoff from 28.78 cfs down to **25.65 cfs**. In the proposed stormwater plan, 16.25 cfs is flowing to the trunk line on the west side. 9.40 cfs is flowing to the main line on the south side.

FINAL RESULT FOR PROPOSED CONDITION:

Flow into the 5x7 RCB mainline on the south side is decreased from 13.70 cfs to 9.40 cfs. Although flow into the 48" trunk line on the west increases along the west side connection points from 13.70 cfs to 16.25 cfs, but the total flow for the 48" trunk line will decrease from 28.78 cfs to 25.65 cfs due to the extra 90,672 sf of pervious area added to the site.

FINAL STATEMENT

Total flow for the site and the mains will decrease from 28.78 cfs in the existing condition to 25.65 cfs in the proposed condition.

Existing Conditions

Storm Event	Catchment Area	Intensity (in/hr)	Runoff Coefficient (Weighted)	Area (Acres)	Existing Flows (cfs)
10-year	DMA 1	2.21	0.90	6.58	**13.08**
10-year	DMA 1A	2.21	0.90	0.06	**0.12**
10-year	DMA 2	2.21	0.87	0.98	**1.88**
Subtotal	48" Trunk Line				**15.08**
10-year	DMA 3	2.21	0.87	1.60	**3.07**
10-year	DMA 4	2.21	0.85	1.73	**3.25**
10-year	DMA 5	2.21	0.87	3.84	**7.38**
Subtotal	5'x7' Main Line				**13.7**
Total					**28.78 cfs**

Proposed Conditions

Storm Event	Catchment Area	Intensity (in/hr	Runoff Coefficient (Weighted)	Area (Acres)	Existing Flows (cfs)
10-year	DMA 1	2.21	0.82	8.97	**16.25**
Subtotal	48" Trunk Line				**16.25**
10-year	DMA 2	2.21	0.75	3.75	**6.21**
10-year	DMA 3	2.21	0.76	1.06	**1.78**
10-year	DMA 4	2.21	0.64	1.00	**1.41**
Subtotal	5'x7' Main Line				**9.40**
Total					**25.65 cfs**

T_c (min)	Mean Annual Precipitation (in)																					
	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
1	5.28	5.64	6.00	6.36	6.73	7.09	7.45	7.81	8.17	8.53	8.90	9.26	9.62	9.98	10.34	10.71	11.07	11.43	11.79	12.15	12.52	12.88
2	3.56	3.81	4.05	4.30	4.54	4.78	5.03	5.27	5.52	5.76	6.00	6.25	6.49	6.74	6.98	7.23	7.47	7.71	7.96	8.20	8.45	8.69
3	2.83	3.02	3.22	3.41	3.61	3.80	4.00	4.19	4.38	4.58	4.77	4.97	5.16	5.35	5.55	5.74	5.94	6.13	6.32	6.52	6.71	6.91
4	2.40	2.57	2.73	2.90	3.06	3.23	3.39	3.56	3.72	3.89	4.05	4.22	4.38	4.55	4.71	4.88	5.04	5.21	5.37	5.54	5.70	5.87
5	2.12	2.26	2.41	2.55	2.70	2.84	2.99	3.14	3.28	3.43	3.57	3.72	3.86	4.01	4.15	4.30	4.44	4.59	4.73	4.88	5.02	5.17
6	1.91	2.04	2.17	2.30	2.43	2.57	2.70	2.83	2.96	3.09	3.22	3.35	3.48	3.61	3.74	3.88	4.01	4.14	4.27	4.40	4.53	4.66
7	1.75	1.87	1.99	2.11	2.23	2.35	2.47	2.59	2.71	2.83	2.95	3.07	3.19	3.31	3.43	3.55	3.67	3.79	3.91	4.03	4.15	4.27
8	1.62	1.73	1.85	1.96	2.07	2.18	2.29	2.40	2.51	2.62	2.74	2.85	2.96	3.07	3.18	3.29	3.40	3.51	3.63	3.74	3.85	3.96
9	1.52	1.62	1.73	1.83	1.93	2.04	2.14	2.25	2.35	2.45	2.56	2.66	2.77	2.87	2.98	3.08	3.18	3.29	3.39	3.50	3.60	3.70
10	1.43	1.53	1.63	1.72	1.82	1.92	2.02	2.12	2.21	2.31	2.41	2.51	2.61	2.70	2.80	2.90	3.00	3.10	3.19	3.29	3.39	3.49
11	1.35	1.45	1.54	1.63	1.73	1.82	1.91	2.00	2.10	2.19	2.28	2.38	2.47	2.56	2.66	2.75	2.84	2.93	3.03	3.12	3.21	3.31
12	1.29	1.38	1.47	1.55	1.64	1.73	1.82	1.91	2.00	2.09	2.17	2.26	2.35	2.44	2.53	2.62	2.70	2.79	2.88	2.97	3.06	3.15
13	1.23	1.32	1.40	1.49	1.57	1.65	1.74	1.82	1.91	1.99	2.08	2.16	2.25	2.33	2.42	2.50	2.58	2.67	2.75	2.84	2.92	3.01
14	1.18	1.26	1.34	1.42	1.51	1.59	1.67	1.75	1.83	1.91	1.99	2.07	2.15	2.23	2.32	2.40	2.48	2.56	2.64	2.72	2.80	2.88
15	1.14	1.21	1.29	1.37	1.45	1.53	1.60	1.68	1.76	1.84	1.92	1.99	2.07	2.15	2.23	2.30	2.38	2.46	2.54	2.62	2.69	2.77
16	1.10	1.17	1.25	1.32	1.40	1.47	1.55	1.62	1.70	1.77	1.85	1.92	2.00	2.07	2.15	2.22	2.30	2.37	2.45	2.52	2.60	2.67
17	1.06	1.13	1.20	1.28	1.35	1.42	1.49	1.57	1.64	1.71	1.78	1.86	1.93	2.00	2.07	2.15	2.22	2.29	2.36	2.44	2.51	2.58
18	1.02	1.09	1.17	1.24	1.31	1.38	1.45	1.52	1.59	1.66	1.73	1.80	1.87	1.94	2.01	2.08	2.15	2.22	2.29	2.36	2.43	2.50
19	0.99	1.06	1.13	1.20	1.27	1.33	1.40	1.47	1.54	1.61	1.67	1.74	1.81	1.88	1.95	2.02	2.08	2.15	2.22	2.29	2.36	2.42
20	0.97	1.03	1.10	1.16	1.23	1.30	1.36	1.43	1.49	1.56	1.63	1.69	1.76	1.83	1.89	1.96	2.02	2.09	2.16	2.22	2.29	2.35
21	0.94	1.00	1.07	1.13	1.20	1.26	1.33	1.39	1.45	1.52	1.58	1.65	1.71	1.78	1.84	1.90	1.97	2.03	2.10	2.16	2.23	2.29
22	0.91	0.98	1.04	1.10	1.17	1.23	1.29	1.35	1.42	1.48	1.54	1.60	1.67	1.73	1.79	1.85	1.92	1.98	2.04	2.11	2.17	2.23
23	0.89	0.95	1.01	1.08	1.14	1.20	1.26	1.32	1.38	1.44	1.50	1.56	1.63	1.69	1.75	1.81	1.87	1.93	1.99	2.05	2.11	2.18
24	0.87	0.93	0.99	1.05	1.11	1.17	1.23	1.29	1.35	1.41	1.47	1.53	1.59	1.65	1.71	1.77	1.83	1.88	1.94	2.00	2.06	2.12
25	0.85	0.91	0.97	1.03	1.08	1.14	1.20	1.26	1.32	1.38	1.43	1.49	1.55	1.61	1.67	1.73	1.78	1.84	1.90	1.96	2.02	2.08
26	0.83	0.89	0.95	1.00	1.06	1.12	1.17	1.23	1.29	1.34	1.40	1.46	1.52	1.57	1.63	1.69	1.74	1.80	1.86	1.92	1.97	2.03
27	0.81	0.87	0.93	0.98	1.04	1.09	1.15	1.20	1.26	1.32	1.37	1.43	1.48	1.54	1.60	1.65	1.71	1.76	1.82	1.87	1.93	1.99
28	0.80	0.85	0.91	0.96	1.02	1.07	1.13	1.18	1.23	1.29	1.34	1.40	1.45	1.51	1.56	1.62	1.67	1.73	1.78	1.84	1.89	1.95
29	0.78	0.84	0.89	0.94	1.00	1.05	1.10	1.16	1.21	1.26	1.32	1.37	1.43	1.48	1.53	1.59	1.64	1.69	1.75	1.80	1.85	1.91
30	0.77	0.82	0.87	0.92	0.98	1.03	1.08	1.13	1.19	1.24	1.29	1.35	1.40	1.45	1.50	1.56	1.61	1.66	1.71	1.77	1.82	1.87
31	0.75	0.80	0.86	0.91	0.96	1.01	1.06	1.11	1.17	1.22	1.27	1.32	1.37	1.42	1.48	1.53	1.58	1.63	1.68	1.73	1.79	1.84
32	0.74	0.79	0.84	0.89	0.94	0.99	1.04	1.09	1.14	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80
33	0.73	0.78	0.83	0.88	0.93	0.98	1.03	1.08	1.13	1.17	1.22	1.27	1.32	1.37	1.42	1.47	1.52	1.57	1.62	1.67	1.72	1.77
34	0.71	0.76	0.81	0.86	0.91	0.96	1.01	1.06	1.11	1.16	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.64	1.69	1.74
35	0.70	0.75	0.80	0.85	0.90	0.94	0.99	1.04	1.09	1.14	1.18	1.23	1.28	1.33	1.38	1.43	1.47	1.52	1.57	1.62	1.67	1.71
36	0.69	0.74	0.79	0.83	0.88	0.93	0.98	1.02	1.07	1.12	1.17	1.21	1.26	1.31	1.36	1.40	1.45	1.50	1.55	1.59	1.64	1.69
37	0.68	0.73	0.77	0.82	0.87	0.91	0.96	1.01	1.05	1.10	1.15	1.19	1.24	1.29	1.33	1.38	1.43	1.47	1.52	1.57	1.61	1.66
38	0.67	0.72	0.76	0.81	0.85	0.90	0.95	0.99	1.04	1.08	1.13	1.18	1.22	1.27	1.31	1.36	1.41	1.45	1.50	1.54	1.59	1.64
39	0.66	0.71	0.75	0.80	0.84	0.89	0.93	0.98	1.02	1.07	1.11	1.16	1.20	1.25	1.30	1.34	1.39	1.43	1.48	1.52	1.57	1.61
40	0.65	0.70	0.74	0.79	0.83	0.87	0.92	0.96	1.01	1.05	1.10	1.14	1.19	1.23	1.28	1.32	1.37	1.41	1.46	1.50	1.54	1.59
41	0.64	0.69	0.73	0.77	0.82	0.86	0.91	0.95	0.99	1.04	1.08	1.13	1.17	1.22	1.26	1.30	1.35	1.39	1.44	1.48	1.52	1.57
42	0.63	0.68	0.72	0.76	0.81	0.85	0.89	0.94	0.98	1.02	1.07	1.11	1.16	1.20	1.24	1.29	1.33	1.37	1.42	1.46	1.50	1.55
43	0.63	0.67	0.71	0.75	0.80	0.84	0.88	0.93	0.97	1.01	1.05	1.10	1.14	1.18	1.23	1.27	1.31	1.35	1.40	1.44	1.48	1.53
44	0.62	0.66	0.70	0.74	0.79	0.83	0.87	0.91	0.96	1.00	1.04	1.08	1.12	1.17	1.21	1.25	1.29	1.34	1.38	1.42	1.46	1.51
45	0.61	0.65	0.69	0.73	0.78	0.82	0.86	0.90	0.94	0.99	1.03	1.07	1.11	1.15	1.19	1.24	1.28	1.32	1.36	1.40	1.44	1.49
46	0.60	0.64	0.68	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.01	1.06	1.10	1.14	1.18	1.22	1.26	1.30	1.34	1.39	1.43	1.47
47	0.59	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.04	1.08	1.12	1.17	1.21	1.25	1.29	1.33	1.37	1.41	1.45
48	0.59	0.63	0.67	0.71	0.75	0.79	0.83	0.87	0.91	0.95	0.99	1.03	1.07	1.11	1.15	1.19	1.23	1.27	1.31	1.35	1.39	1.43
49	0.58	0.62	0.66	0.70	0.74	0.78	0.82	0.86	0.90	0.94	0.98	1.02	1.06	1.10	1.14	1.18	1.22	1.26	1.30	1.34	1.38	1.42
50	0.57	0.61	0.65	0.69	0.73	0.77	0.81	0.85	0.89	0.93	0.97	1.01	1.05	1.09	1.13	1.16	1.20	1.24	1.28	1.32	1.36	1.40
51	0.57	0.61	0.65	0.68	0.72	0.76	0.80	0.84	0.88	0.92	0.96	1.00	1.03	1.07	1.11	1.15	1.19	1.23	1.27	1.31	1.35	1.38
52	0.56	0.60	0.64	0.68	0.72	0.75	0.79	0.83	0.87	0.91	0.95	0.98	1.02	1.06	1.10	1.14	1.18	1.22	1.25	1.29	1.33	1.37
53	0.56	0.59	0.63	0.67	0.71	0.75	0.78	0.82	0.86	0.90	0.94	0.97	1.01	1.05	1.09	1.13	1.16	1.20	1.24	1.28	1.32	1.36
54	0.55	0.59	0.62	0.66	0.70	0.74	0.78	0.81	0.85	0.89	0.93	0.96	1.00	1.04	1.08	1.11	1.15	1.19	1.23	1.27	1.30	1.34
55	0.54	0.58	0.62	0.66	0.69	0.73	0.77	0.80	0.84	0.88	0.92	0.95	0.99	1.03	1.07	1.10	1.14	1.18	1.21	1.25	1.29	1.33
56	0.54	0.58	0.61	0.65	0.69	0.72	0.76	0.80	0.83	0.87	0.91	0.94	0.98	1.02	1.05	1.09	1.13	1.17	1.20	1.24	1.28	1.31
57	0.53	0.57	0.61	0.64	0.68	0.72	0.75	0.79	0.83	0.86	0.90	0.93	0.97	1.01	1.04	1.08	1.12	1.15	1.19	1.23	1.26	1.30
58	0.53	0.56	0.60	0.64	0.67	0.71	0.74	0.78	0.82	0.85	0.89	0.93	0.96	1.00	1.03	1.07	1.11	1.14	1.18	1.22	1.25	1.29
59	0.52	0.56	0.59	0.63	0.67	0.70	0.74	0.77	0.81	0.85	0.88	0.92	0.95	0.99	1.02	1.06	1.10	1.13	1.17	1.20	1.24	1.28
60	0.52	0.55	0.59	0.62	0.66	0.70	0.73	0.77	0.80	0.84	0.87	0.91	0.94	0.98	1.01	1.05	1.09	1.12	1.16	1.19	1.23	1.26

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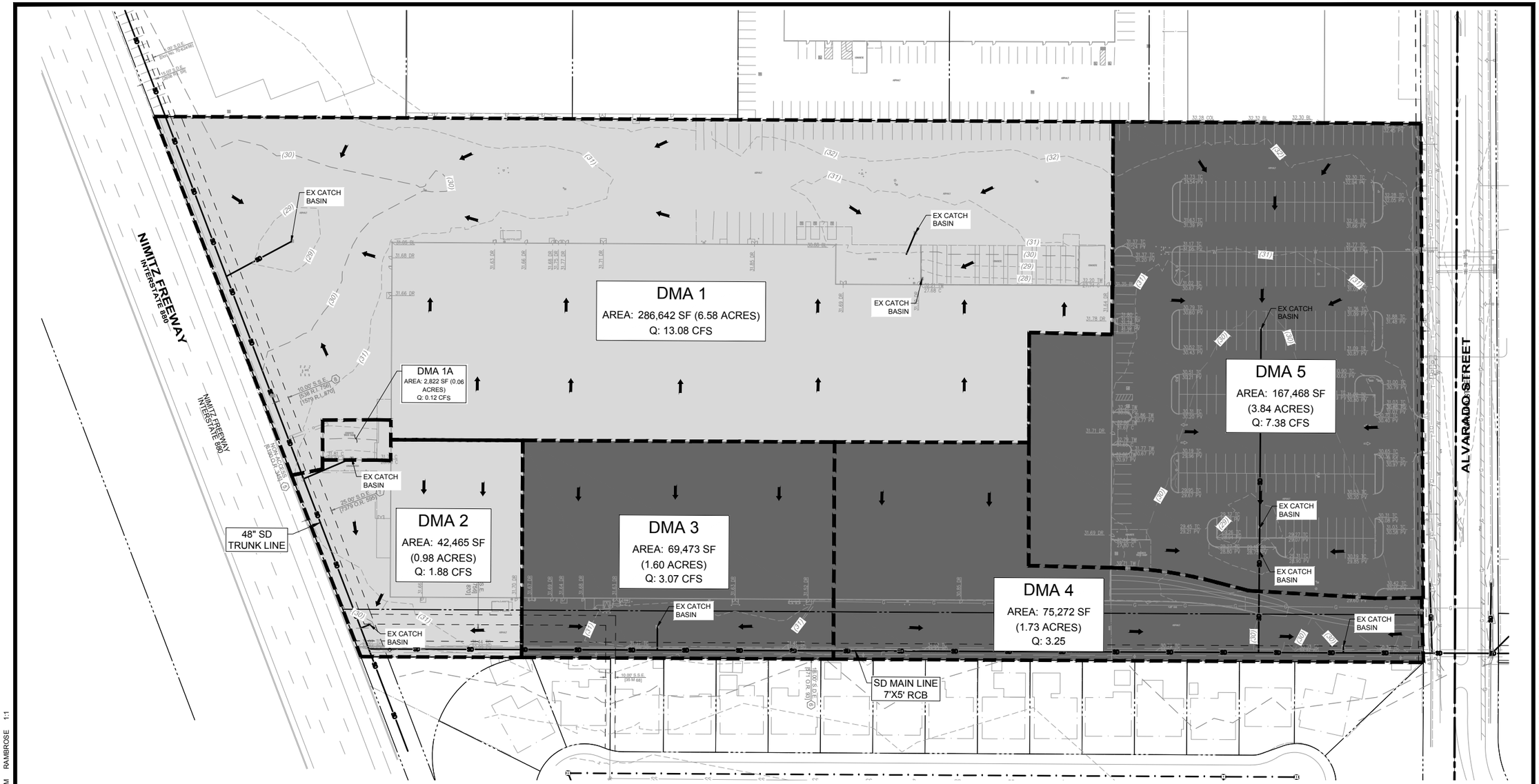

EXISTING STORMWATER PLAN

LEGEND

CONVEYED TO SD TRUNK LINE = 15.08 CFS
7.61± AC (331,772 SF)

CONVEYED TO SD MAIN LINE = 13.70 CFS
7.17± AC (312,386 SF)

0 25 50 100
SCALE: 1" = 50'

WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE
4683 chabot dr
suite 300
pleasanton, ca 94588
p 925.244.9620
waremalcomb.com

FOR AND ON BEHALF OF WARE MALCOMB

3199 ALVARADO STREET
3199 ALVARADO STREET
SAN LEANDRO, CA

EXISTING STORMWATER PLAN

NO.	DATE	REMARKS

JOB NO.:	SNR24-0080-00
PA / PM:	MM
DESIGNED:	RA
DATE:	12/09/24
PLOT DATE:	03/28/25

SHEET
EX 1

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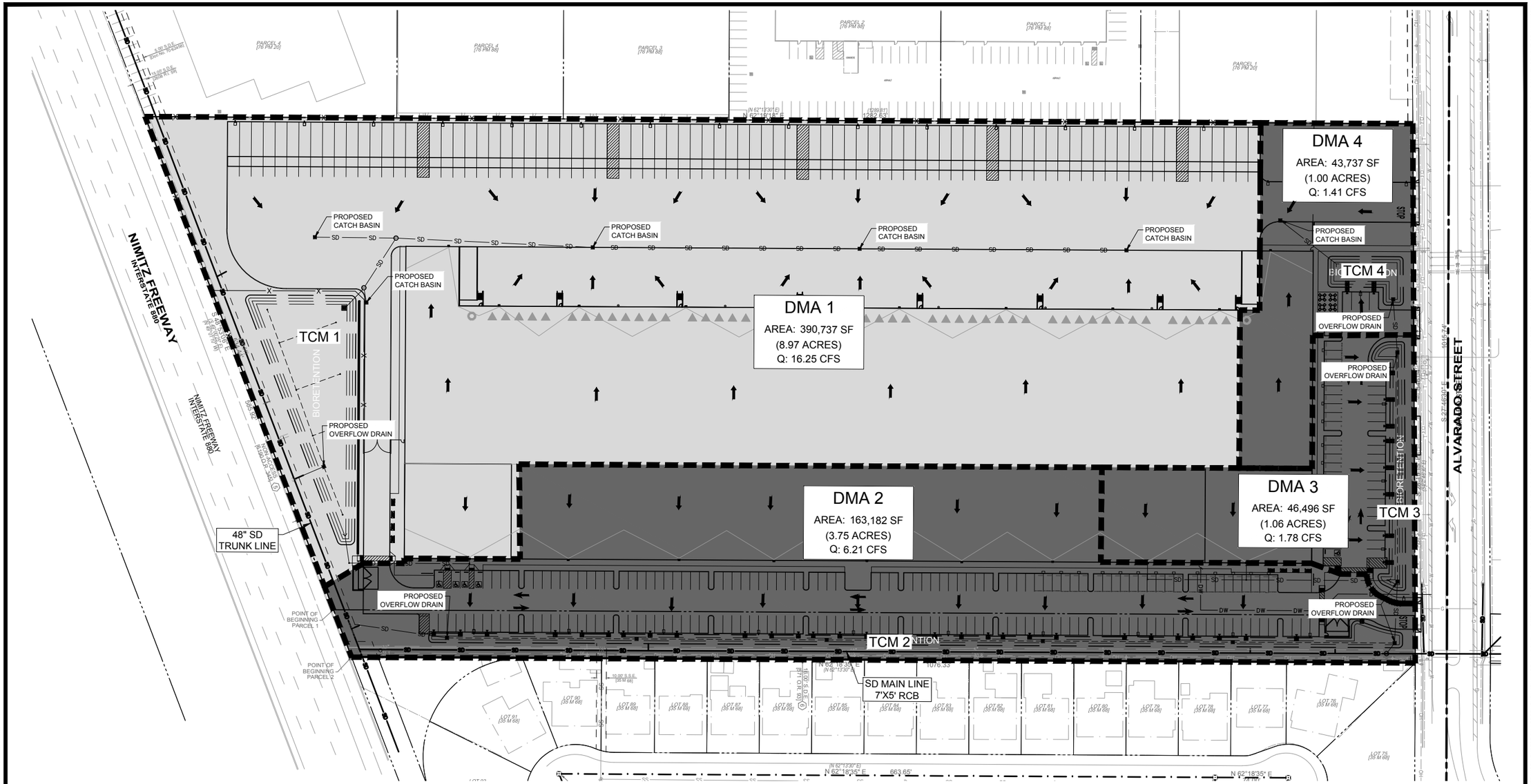

PROPOSED STORMWATER PLAN

LEGEND

CONVEYED TO SSD TRUNK LINE = 16.25 CFS
8.97± AC (390,740 SF)

CONVEYED TO SD MAIN LINE = 9.40 CFS
5.81± AC (253,387 SF)

SCALE: 1" = 50'

WARE MALCOMB
LEADING DESIGN FOR COMMERCIAL REAL ESTATE
4683 chabot dr
suite 300
pleasanton, ca 94588
p 925.244 9620
waremalcomb.com

FOR AND ON BEHALF OF WARE MALCOMB

3199 ALVARADO

3199 ALVARADO STREET
SAN LEANDRO, CA

PROPOSED STORMWATER PLAN

NO.	DATE	REMARKS

JOB NO.:	SNR24-0080-00
PA / PM:	MM
DESIGNED:	RA
DATE:	12/09/24
PLOT DATE:	03/28/25

SHEET
EX 2

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Appendix G

Noise Modeling Results

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Site Preparation	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20	85	N/A	50	0
Compactor (ground)	No	20	80	N/A	50	0
Grader	No	40	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	85	78
Compactor (ground)	80	73
Grader	85	81
Total	**85**	**83.2**

*Calculated Lmax is the Loudest value.

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Architectural Coating	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Generator	No	50	82	N/A	50	0
Pumps	No	50	77	N/A	50	0
Water Jet deleading	No	20	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Generator	82	79
Pumps	77	74
Water Jet deleading	85	78
Total	**85**	**82.2**

*Calculated Lmax is the Loudest value.

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Building Construction	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	90	N/A	50	0
Excavator	No	40	85	N/A	50	0
Roller	No	20	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Concrete Saw	90	83
Excavator	85	81
Roller	85	78
Total	**90**	**85.9**

*Calculated Lmax is the Loudest value.

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Demolition	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	90	N/A	50	0
Dozer	No	40	85	N/A	50	0
Excavator	No	40	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Concrete Saw	90	83
Dozer	85	81
Excavator	85	81
Total	**90**	**86.6**

*Calculated Lmax is the Loudest value.

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Grading	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Auger Drill Rig	No	20	85	N/A	50	0
Dozer	No	40	85	N/A	50	0
Grader	No	40	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Auger Drill Rig	85	78
Dozer	85	81
Grader	85	81
Total	**85**	**85**

*Calculated Lmax is the Loudest value.

Report date: 3/4/2026
Case Description: 3199 Alvarado Street Industrial Project

Phase	Land Use	Daytime	Evening	Night
Paving	Industrial	60	55	50

Equipment	Impact Device?	Usage (%)	Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Concrete Saw	No	20	90	N/A	50	0
Paver	No	50	85	N/A	50	0
Roller	No	20	85	N/A	50	0

Results

	Calculated (dBA)	
Equipment	*Lmax	Leq
Concrete Saw	90	83
Paver	85	82
Roller	85	78
Total	**90**	**86.2**

*Calculated Lmax is the Loudest value.

Appendix H

HVAC Specification Sheets

Product Data

WeatherMaker®
Single Package Heat Pump
Rooftop

15 to 25 Nominal Tons

ecoblue™ technology



50FCQ*17, 24, 28

Single-Packaged Heat Pump with Optional Electric Heat and Puron® Refrigerant (R-410A)

© 2024 Carrier

Features/Benefits

The New Carrier WeatherMaker® packaged heat pump rooftop units (RTU) with EcoBlue™ Technology were designed by customers to provide value added benefits never seen in this type of equipment before.

New features include:

- A patented, industry first, Vane Axial Indoor Fan System, powered by an electronically commutated motor for quiet, efficient, and reliable operation. Compared to traditional belt driven forwards curved fans, this system has:
  - 75% fewer moving parts
  - No fan belts, pulleys, shaft, and shaft bearings
  - Up to 40% better efficiency than traditional belt drive forward curve fans
  - Slow ramp up capability for better sound and comfort control
  - Internal protection from phase reversal and phase loss situations
  - High external static capability
  - Slide out blower assembly design
- Reliable 2 stage cooling with tandem scroll compressors technology, fully active evaporator coil, and mixed air temperature protection on all models
- New unit control board with intuitive indoor fan adjustment that uses simple dial and switch adjustments
- An industry first 25 ton packaged heat pump
- Reliable copper tube/aluminum fin condenser coil with 5/16 in. tubing to help reduce refrigerant charge and reduce weight versus prior designs

WeatherMaker® 50FCQ units up to 25 tons are specifically designed for dedicated factory-supplied vertical air flow or horizontal air flow. No special field kits are required. All footprints were maintained to easily fit on R-410A Carrier and select competitor curbs, making replacements easier than ever.

With “no-strip” screw collars, handled access panels, and more, the unit is easy to install, easy to maintain, and easy to use.

Our 2 speed staged air volume through our Vane Axial fan allows our 15 to 25 ton 50FCQ WeatherMaker units to deliver IEER values up to 14.0 and provide optimum comfort and control.

Value-added features include:

- SystemVu™ intuitive intelligent controls option that provides:
  - Large full text, multi-line display
  - USB Flash Port for data transfer
  - Built in i-Vu®, CCN and BACnet[1]
  - Read refrigerant pressures from display — no gauges
  - Quick LED Status — Run, Alert, Fault
  - Conventional thermostat or sensor capabilities
  - Historical component runtime and starts
  - Supply air tempering
  - Navigator™ and Network Service Tool compatible
- Single point electrical connections
- All 15 to 25 ton models use TXV refrigerant metering devices
- Scroll compressors with internal line-break overload protection
- Units come with an easy access tool-less filter door. Filter track tilts out for filter removal and replacement. All filters are the same size in each unit

1. Third-party trademarks and logos are the property of their respective owners.

Installation ease

Lighter units make for easy replacement and aid in the structural approval process. Units have simple, fast plug-in connections to the standard integrated unit control board (UCB). Clearly labeled connections points to reduce installation time. Also, a large control box provides room to work and room to mount Carrier accessory controls.

Easy to maintain

With the new EcoBlue Vane Axial fan system and direct drive ECM motor, there is no longer a need to adjust or replace belts or pulleys as in past designs. This frees up maintenance, installation and commissioning time.

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Features/Benefits (cont)

Easy access handles by Carrier provide quick and easy access to all normally serviced components. Our "no-strip" screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal.

Sloped, corrosion resistant composite drain pan sheds water and won't rust.

Easy to use

The newly re-designed Unit Control Board by Carrier puts all connections and troubleshooting points in one convenient place. Most low voltage connections are made to the same board and make it easy to access it. Setting up the fan is simple by an intuitive switch and rotary dial arrangement.

Carrier rooftops have high and low pressure switches, a new mixed air temperature switch, a filter drier, and 2 in. filters standard.

EcoBlue™ Technology

Direct drive EcoBlue Technology indoor fan system uses Vane Axial fan design and electrically commutated motors.

This new Vane Axial design has 75% fewer moving parts, uses up to 40% less energy and has no fan belts, blower bearings and shaft when compared with past belt drive systems. The full fan and motor assembly also slides out for easier maintenance and service.

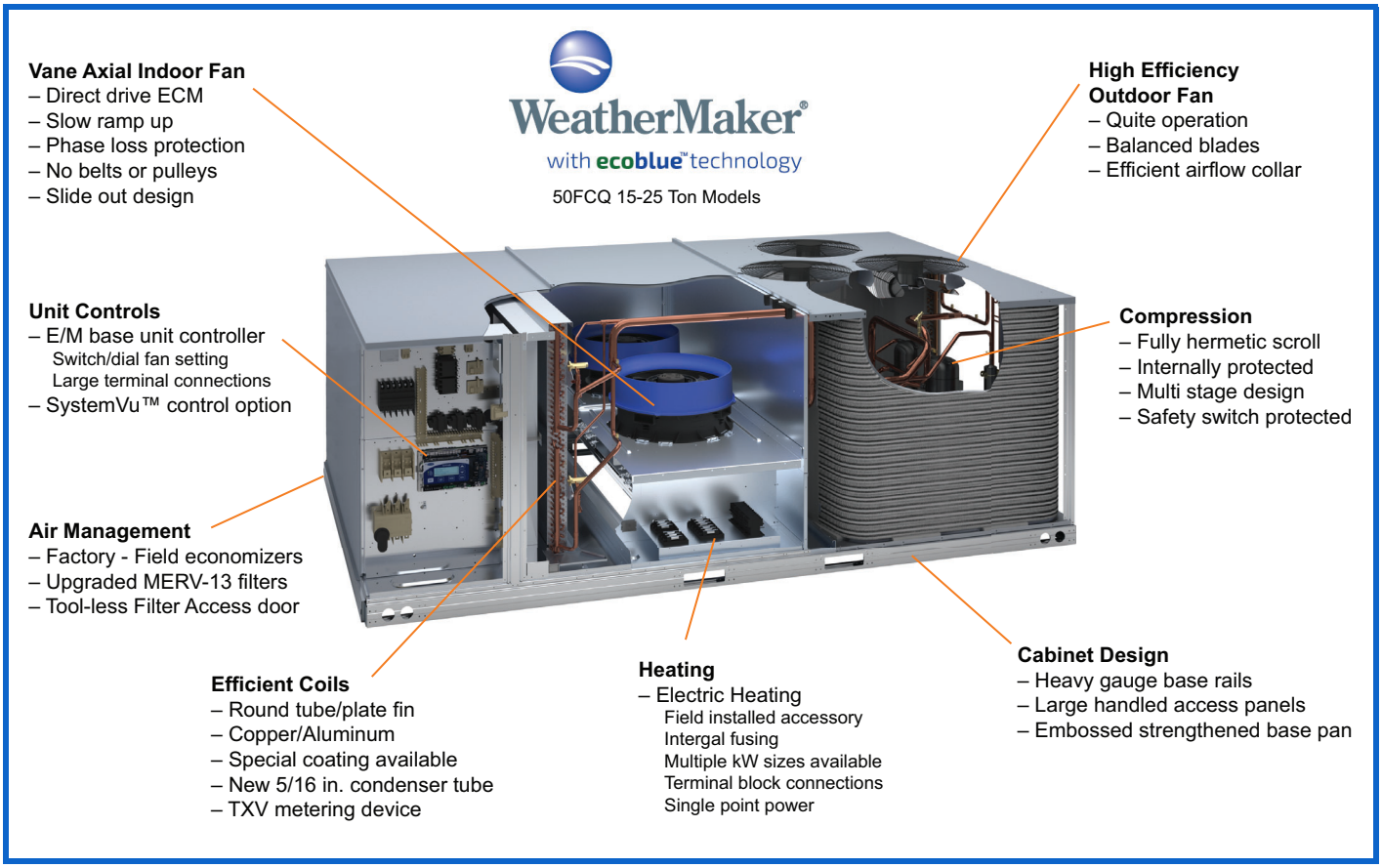
Streamlined control and integration

Carrier controllers make connecting WeatherMaker® rooftop heat pump units into existing building automation systems easy. The units are compatible with conventional thermostat controls or SystemVu™ controls for greater comfort, diagnostics and building network integration.

Operating efficiency and flexibility

These 50FCQ packaged rooftops meet the Department of Energy (DOE) 2023 efficiency standard, as well as the latest ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) 90.1 and IECC®[1] (International Energy Conservation Code) minimum IEER efficiency requirements.

1. Third-party trademarks and logos are the property of their respective owners.



Model number nomenclature

50FCQ*17-28 Model Number Nomenclature

Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Example:	5	0	F	C	Q	M	2	4	A	2	A	6	-	0	A	0	A	0

Unit Heat Type
50 = Cooling Packaged Rooftop

Model Series - WeatherMaker®
FC = Standard Efficiency (EcoBlue™ Technology)

Heat Type
Q = Heat Pump
(Field-Installed Electic Heat)

Refrig. Systems Options
M = Two Stage Cooling/One Circuit Models

Cooling Tons
17 = 15.0 tons
24 = 20.0 tons
28 = 25.0 tons

Sensor Options
A = None
B = Return Air Smoke Detector (RA)
C = Supply Air Smoke Detector (SA)
D = RA + SA Smoke Detector
E = CO_2 Sensor
F = RA Smoke Detector and CO_2 Sensor
G = SA Smoke Detector and CO_2 Sensor
H = RA + SA Smoke Detector and CO_2 Sensor
J = Condensate Overflow Switch (COFS)
K = COFS + RA Smoke Detector
L = COFS + RA and SA Smoke Detectors
M = COFS + SA Smoke Detector
N = COFS + CO_2 Sensor
P = COFS + RA Smoke Detector and CO_2 Sensor
Q = COFS + SA Smoke Detector and CO_2 Sensor
R = COFS + RA and SA Smoke Detector and CO_2 Sensor

Indoor Fan Options - Vane Axial EcoBlue Fan System
2 = Standard/Medium Static Motor - Vertical Supply
3 = High Static Motor - Vertical Supply
5 = Standard/Medium Static Motor - Vertical Supply and Filter Status Switch
6 = High Static Motor - Vertical Supply and Filter Status Switch
J = High Static Motor - Horizontal Supply
L = High Static Motor - Horizontal Supply and Filter Status Switch

Coil Options – RTPF (Outdoor – Indoor) – Hail Guards
A = Al/Cu – Al/Cu
B = Precoat Al/Cu – Al/Cu
C = E-coat Al/Cu – Al/Cu
D = E-coat Al/Cu – E-coat Al/Cu
E = Cu/Cu – Al/Cu
F = Cu/Cu – Cu/Cu
M = Al/Cu – Al/Cu – Louvered Hail Guards
N = Precoat Al/Cu – Al/Cu – Louvered Hail Guards
P = E-coat Al/Cu – Al/Cu – Louvered Hail Guards
Q = E-coat Al/Cu – E-coat Al/Cu – Louvered Hail Guards
R = Cu/Cu – Al/Cu – Louvered Hail Guards
S = Cu/Cu – Cu/Cu – Louvered Hail Guards

Voltage
1 = 575-3-60
5 = 208/230-3-60
6 = 460-3-60

Packaging Compliance
0 = Standard

Electrical Options
A = None
C = Non-Fused Disconnect
N = Phase Monitor/Protection
Q = Phase Monitor/Protection
and Non-Fused Disconnect
1 = HSCCR Protection

Service Options
0 = None
1 = Unpowered Convenience Outlet
2 = Powered Convenience Outlet
3 = Hinged Access Panels
4 = Hinged Access Panels and
Unpowered Convenience Outlet
5 = Hinged Access Panels and
Powered Convenience Outlet
6 = 4" MERV 13 High Efficiency Filter Track
7 = Unpowered Convenience Outlet and 4" MERV 13
High Efficiency Filter Track
8 = Powered Convenience Outlet and 4" MERV 13
High Efficiency Filter Track
9 = Hinged Access Panels and 4" MERV 13 High
Efficiency Filter Track
A = Hinged Access Panels, Unpowered Convenience
Outlet and 4" MERV 13 High Efficiency Filter Track
B = Hinged Access Panels, Powered Convenience
Outlet and 4" MERV 13 High Efficiency Filter Track

Intake / Exhaust Options
A = None
B = Low Leak Temp Economizer w/ Baro Relief
D = Low Leak Temp Economizer w/ PE (cent) Vert Only
F = Low Leak Enthalpy Economizer w/ Baro Relief
H = Low Leak Enthalpy Economizer w/ PE (cent) Vert Only
U = ULTRA Low Leak Temp Economizer w/ Baro Relief
V = ULTRA Low Leak Temp Economizer w/ PE (cent)
Vert Only
W = ULTRA Low Leak Enthalpy Economizer w/ Baro Relief
X = ULTRA Low Leak Enthalpy Economizer w/ PE (cent)
Vert Only

Base Unit Controls
0 = Electromechanical Controller (can be used with field installed W7212 EconoMi$er® IV — no FDD[a])
3 = SystemVu™ Controller
8 = Electromechanical Controls — with POL224 EconomizerONE (includes FDD[a])

Design Revision
- = Factory Design Revision

[a] FDD (Fault Detection and Diagnostic) capability per California Title 24 section 120.2.

Capacity ratings

50FCQ AHRI Ratings, Cooling Mode[a,b,c]

UNIT	COOLING STAGES	NOMINAL CAPACITY (tons)	NET COOLING CAPACITY (Btuh)	TOTAL POWER (kW)	EER	IEER WITH 2-SPEED INDOOR FAN MOTOR	AHRI RATING CFM
50FCQM17	2	15	172,000	16.2	10.60	14.0	6,300
50FCQM24	2	20	240,000	24.5	9.80	14.0	8,000
50FCQM28	2	25	278,000	29.3	9.50	14.0	10,000

NOTE(S):

a. Rated in accordance with AHRI Standards 340/360.
b. Rating are based on:
Cooling Standard: 80°F (27°C) db, 67°F (19°C) wb indoor air temperature and 95°F (35°C) db outdoor air temperature.
IEER Standard: A measure that expresses cooling part-load EER efficiency for commercial unitary air-conditioning and heat pump equipment on the basis of weighted operation at various load capacities.
c. All 50FCQ units comply with ASHRAE 90.1-2019 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) and DOE-2023 (Department of Energy) Energy Standard for minimum IEER requirements.

LEGEND

AHRI — Air-Conditioning, Heating and Refrigeration Institute
EER — Energy Efficiency Ratio
IEER — Integrated Energy Efficiency Ratio

50FCQ AHRI Ratings, Heating Mode[a,b,c]

UNIT	HEATING, LOW 17°F(–8°C) AMBIENT		HEATING, HIGH 47°F (8°C) AMBIENT		AHRI RATING CFM
	Net Capacity (Btuh)	COP	Net Capacity (Btuh)	COP	
50FCQM17	106,000	2.30	168,000	3.30	6300
50FCQM24	136,000	2.30	234,000	3.30	8000
50FCQM28	158,000	2.30	274,000	3.30	9500

NOTE(S):

a. Rated in accordance with AHRI Standards 340/360.
b. Rating are based on:
Cooling Standard: 80°F (27°C) db, 67°F (19°C) wb indoor air temperature and 95°F (35°C) db outdoor air temperature.
IEER Standard: A measure that expresses cooling part-load EER efficiency for commercial unitary air-conditioning and heat pump equipment on the basis of weighted operation at various load capacities.
c. All 50FCQ units comply with ASHRAE 90.1-2019 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) and DOE-2023 (Department of Energy) Energy Standard for minimum IEER requirements.

LEGEND

AHRI — Air-Conditioning, Heating and Refrigeration Institute
COP — Coefficient of Performance

Capacity ratings (cont)

Sound Rating Table[a]

UNIT	COOLING STAGES	OUTDOOR SOUND (dB) AT 60 Hz[b]								
		A-WEIGHTED[c]	63	125	250	500	1000	2000	4000	8000
50FCQM17	2	84.1	92.2	83.9	80.4	81.8	78.7	76.5	72.2	65.4
50FCQM17	2	85.9	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3
50FCQM28	2	85.9	97.1	88.3	84.4	83.3	80.7	77.4	73.4	67.3

NOTE(S):

a. Outdoor sound data is measured in accordance with AHRI.
b. Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environmental factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.
c. A-weighted sound ratings filter out very high and very low frequencies, to better approximate the response of “average” human ear. A-weighted measurements for Carrier units are taken in accordance with AHRI.

LEGEND

dB — Decibel

Minimum - Maximum Airflow Ratings (cfm) — Cooling Units and Accessory Electric Heat

UNIT	COOLING			ELECTRIC HEAT[a]	
	MINIMUM 2-SPEED AIRFLOW (LOW SPEED)	MINIMUM 2-SPEED AIRFLOW (HIGH SPEED)	MAXIMUM AIRFLOW CFM	MINIMUM AIRFLOW CFM	MAXIMUM AIRFLOW CFM
50FCQM17	2700	4500	7500	4500	7500
50FCQM24	3000	6000	10,000	6000	10,000
50FCQM28	3750	7500	12,500	7500	12,500

NOTE(S):

a. Electric heat modules and single point kits are available as field-installed accessories for 50FCQ units.

Physical data

50FCQ 17 to 28 Physical Data

50FCQ UNIT	50FCQM17	50FCQM24	50FCQM28
NOMINAL TONS	15	20	25
BASE UNIT OPERATING WT (lb)[a]	1627	2057	2125
REFRIGERATION SYSTEM			
No. Circuits/No. Compressors/Type	1/2/Scroll	1/2/Scroll	1/2/Scroll
Puron® (R-410A) Charge (lb-oz)	27-0	48-0	48-0
Cooling Metering Device	TXV	TXV	TXV
Heating Metering Device	TXV	TXV	TXV
High-Pressure Trip/Reset (psig)	630/505	630/505	630/505
Loss of Charge Trip/Reset	27/44	27/44	27/44
EVAPORATOR COIL			
Material (Tube/Fin)	Cu/Al	Cu/Al	Cu/Al
Coil Type	3/8 in. RTPF	3/8 in. RTPF	3/8 in. RTPF
Rows/FPI	4/15	4/15	4/15
Total Face Area (ft^2)	22	26	26
Condensate Drain Connection Size	3/4 in.	3/4 in.	3/4 in.
CONDENSER COIL			
Material (Tube/Fin)	Cu/Al	Cu/Al	Cu/Al
Coil Type	5/16 in. RTPF	5/16 in. RTPF	5/16 in. RTPF
Rows/FPI	2/18	2/18	2/18
Total Face Area (ft^2)	41.6	59.2	59.2
EVAPORATOR FAN AND MOTOR			
Standard/Medium Static 3 Phase			
Motor Qty / Drive Type	2 / Direct	2 / Direct	2 / Direct
Max Cont bhp	2.4	2.4	3
Range (rpm)	250-2000	250-2000	250-2200
Fan Qty / Type	2 / Vane Axial	2 / Vane Axial	2 / Vane Axial
Fan Diameter (in.)	22	22	22
Vertical High Static 3 Phase			
Motor Qty / Drive Type	2 / Direct	2 / Direct	2 / Direct
Max Cont bhp	3	5	5
Range (rpm)	250-2200	250-2200	250-2200
Fan Qty / Type	2 / Vane Axial	2 / Vane Axial	2 / Vane Axial
Fan Diameter (in.)	22	22	22
Horizontal High Static 3 Phase			
Motor Qty / Drive Type	2 / Direct	2 / Direct	2 / Direct
Max Cont bhp	5	5	5
Range (rpm)	250-2200	250-2200	250-2200
Fan Qty / Type	2 / Vane Axial	2 / Vane Axial	2 / Vane Axial
Fan Diameter (in.)	22	22	22
CONDENSER FAN AND MOTOR			
Qty / Motor Drive Type	3 / Direct	4 / Direct	4 / Direct
Motor hp / rpm	1/4 / 1100	1/4 /1100	1/4 /1100
Fan Diameter (in.)	22	22	22
FILTERS			
RA Filter Qty / Size (in.)	6 / 25x25x2	9 / 20x25x2	9 / 20x25x2
OA Inlet Screen Qty / Size (in.)	4 / 16x25x1	4 / 16x25/1	4 / 16x25/1

NOTE(S):

a. Base unit operating weight does not include weight of options.

LEGEND

bhp — Brake Horsepower
FPI — Fins Per Inch
OA — Outdoor Air
RA — Return Air

Options and accessories

ITEM	FACTORY-INSTALLED OPTION	FIELD-INSTALLED ACCESSORY
ELECTRIC HEAT		
Electric Resistance Heaters		X
Single Point Kits		X
CABINET		
Hinged Access Panels	X	
MERV-13, 4 in. Filters	X	
MERV-13, 2 in. Filters		X
MERV-8, 2 in. Filters		X
4 in. Filter Rack (filters not included)		X
Condenser Coil Hail Guard	X	X
COIL OPTIONS		
Cu/Cu Indoor and/or Outdoor Coils	X	
Pre-Coated Outdoor Coils	X	
Premium, E-Coated Indoor and/or Outdoor Coils	X	
CONTROLS		
Thermostats, Temperature Sensors, and Subbases		X
SystemVu™ DDC Communicating Controller	X	
Smoke Detector (supply and/or return air)	X	X
Horn Strobe Annunciator[a]		X
Time Guard II Compressor Delay Control Circuit		X
Phase Monitor	X	X
Condensate Overflow Switch	X	X
ECONOMIZERS AND OUTDOOR AIR DAMPERS		
EconomizerONE for Electromechanical Controls, complies with FDD (standard and ultra low leak damper models)[b]	X	X
Wi-Fi Stick for EconomizerONE (optional)		X
EconoMi$er® 2 for DDC Controls (standard and ultra low leak damper models)[c]	X	X
Motorized Two-Position Outdoor-Air Damper		X
Manual Outdoor-Air Damper (25% and 50%)		X
Barometric Relief[d]	X	X
Power Exhaust — Centrifugal Design	X	X
ECONOMIZER SENSORS AND IAQ DEVICES		
Single Dry Bulb Temperature Sensors[e]	X	X
Differential Dry Bulb Temperature Sensors[e]		X
Single Enthalpy Sensors[e]	X	X
Differential Enthalpy Sensors[e]		X
CO_2 Sensor (wall, duct, or unit mounted)[e]	X	X
INDOOR MOTOR AND DRIVE		
Multiple Motor and Drive Packages	X	
LOW AMBIENT CONTROLS		
Winter Start Kit[f]		X
Low Ambient Controller to 0°F (–18°C)[f]		X
POWER OPTIONS		
Convenience Outlet (powered)	X	
Convenience Outlet (unpowered)	X	
Convenience Outlet, 20 amp (unpowered)		X
Non-Fused Disconnect[g]	X	
High SCCR Protection[h]	X	
ROOF CURBS		
Roof Curb 14 in. (356 mm)		X
Roof Curb 24 in. (610 mm)		X

NOTE(S):

a. Requires a field-supplied 24V transformer for each application. See price pages for details.
b. FDD (Fault Detection and Diagnostic) capability per California Title 24 section 120.2.
c. Models with SystemVu controls comply with California Title 24 Fault Detection and Diagnostic (FDD).
d. Included with economizer.
e. Sensors used to optimize economizer performance.
f. See application data for assistance.
g. Non-fused disconnect switch cannot be used when unit FLA electrical rating exceeds 200 amps (all voltages).
h. High SCCR (Short Circuit Current Rating) is not available on the following: units with Low Ambient controls, Phase loss monitor, Non-fused disconnect, Powered convenience outlet, and 575-v models.

Options and accessories (cont)

Factory-installed options

Economizer (dry-bulb or enthalpy)

Economizers save money. They bring in fresh, outside air for ventilation; and provide cool, outside air to cool your building. This is the preferred method of low-ambient cooling. When coupled to CO_2 sensors, economizers can provide even more savings by coupling the ventilation air to only that amount required.

Economizers are available, installed and tested by the factory, with either enthalpy or dry-bulb temperature inputs. Additional sensors are available as accessories to optimize the economizers. Economizers include a powered exhaust system to help equalize building pressures.

Economizers can be factory-installed or easily field-installed.

Unit mounted CO_2 sensor

The CO_2 sensor works with the economizer to intake only the correct amount of outside air for ventilation. As occupants fill your building, the CO_2 sensor detects their presence through increasing CO_2 levels, and opens the economizer appropriately. When the occupants leave, the CO_2 levels decrease, and the sensor appropriately closes the economizer. This intelligent control of the ventilation air, called demand controlled ventilation (DCV), reduces the overall load on the rooftop, saving money. It is also available as a field-installed accessory.

Phase monitor protection

The Phase Monitor Control will monitor the sequence of 3-phase electrical system to provide a phase reversal protection; and monitor the 3-phase voltage inputs to provide a phase loss protection for the 3-phase device. It will work on either a Delta or Wye power connection.

Smoke detector (supply and/or return air)

Trust the experts. Smoke detectors make your application safer and your job easier. Carrier smoke detectors immediately shut down the rooftop unit when smoke is detected. They are available, installed by the factory, for supply air, return air, or both.

Thru-the-base connections

Thru-the-base connections, included as standard, are necessary to ensure proper connection and seal when routing wire and piping through the rooftop's basepan and curb. These couplings eliminate roof penetration and should be considered for gas lines, main power lines, as well as control power.

Hinged access panels

Allows access to unit's major components with specifically designed hinged access panels. Panels are filter, control box access, and indoor fan motor access.

Cu/Cu (indoor and outdoor) coils

Copper fins and copper tubes are mechanically bonded to copper tubes and copper tube sheets. A polymer strip prevents coil assembly from contacting the sheet metal coil pan to minimize potential for galvanic corrosion between coil and pan.

E-coated (outdoor and indoor) coils

A flexible epoxy polymer coating uniformly applied to all coil surface areas without material bridging between fins. Coating process shall ensure complete coil encapsulation of tubes, fins and headers.

Pre-coated outdoor coils

A durable epoxy-phenolic coating to provide protection in mildly corrosive coastal environments. The coating minimizes galvanic action between dissimilar metals. Coating is applied to the aluminum fin stock prior to the fin stamping process to create an inert barrier between the aluminum fin and copper tube.

Condenser coil hail guard

Sleek, louvered panels protect the condenser coil from hail damage, foreign objects, and incidental contact.

Convenience outlet (powered or un-powered)

Reduce service and/or installation costs by including a convenience outlet in your specification. Carrier will install this service feature at our factory. Provides a convenient, 15 amp, 115-v GFCI receptacle with "Wet in Use" cover. The "powered" option allows the installer to power the outlet from the line side of the disconnect or load side as required by code. The "unpowered" option is to be powered from a separate 115/120-v power source.

The unpowered convenience outlet is available as a 15 amp factory-installed option or a 20 amp field-installed accessory.

Non-fused disconnect

This OSHA-compliant, factory-installed, safety switch allows a service technician to locally secure power to the rooftop. When selecting a factory-installed non-fused disconnect, note they are sized for the unit as ordered from the factory. The sizing of these do not accommodate field-installed items such as power exhaust devices, etc. If field installing electric heat with factory-installed non-fused disconnect switch, a single point kit may or may not be required.

SystemVu™ controller

Carrier's SystemVu controller is an optional factory-installed and tested controller.

This controller takes on a whole new approach to provide an intuitive, intelligent controller that not only monitors and controls the unit, but also provides linkage to multiple building automation systems.

Each SystemVu controller makes it easy to set up, service, troubleshoot, gain historical data, generate reports and provide comfort only Carrier is noted for.

Key features include:

- Easy to read back lit 4 line text screen for superior visibility.
- Quick operational condition LEDs of: Run, Alert, and Fault.
- Simple navigation with large keypad buttons of: Navigation arrows, Test, Back, Enter and Menu.
- Capable of being controlled with a conventional thermostat, space sensor or build automation system.
- Service capabilities include:
  - Auto run test
  - Manual run test
  - Component run hours and starts
  - Commissioning reports
  - Data logging
- Full range of diagnosis:
  - Read refrigerant pressures without the need of gauges

Options and accessories (cont)

- Sensor faults
- Compressor reverse rotation
- Economizer diagnostics that meet California Title 24 requirements

- Quick data transfer via USB port:
  - Unit configuration uploading/downloading
  - Data logging
  - Software upgrades
- Built in capacity for:
  - i-Vu® open systems
  - BACnet systems
  - CCN systems
- Configuration and alarm point capability:
  - Contain over 100 alarm codes
  - Contain over 260 status, troubleshooting, diagnostic and maintenance points
  - Contain over 270 control configuration setpoints

Condensate overflow switch

This sensor and related controller monitors the condensate level in the drain pan and shuts down compression operation when overflow conditions occur. It includes:

- Indicator light — solid red (more than 10 seconds on water contact — compressors disabled), blinking red (sensor disconnected)
- 10-second delay to break — eliminates nuisance trips from splashing or waves in pan (sensor needs 10 seconds of constant water contact before tripping)
- Disables the compressors operation when condensate plug is detected, but still allows fans to run for economizer.

MERV-13 4 in. return air filters

This factory option upgrades the return air filters from standard unit filters to high efficiency MERV-13 filters. Non-woven MERV-13 filter media with high strength, moisture-resistant frame. Filter media is securely fasted inside the filter frame on all 4 sides.

High Short Circuit Current Rating (SCCR) protection

This factory-installed option provides high short circuit current protection to each compressor, plus all indoor and outdoor fan motors of 60 kA (for 208/230-3-60 units) and 65 kA (for 460-3-60 units) against high potential fault current situations.

Standard unit comes with 5 kA rating.

This option is not available with factory installed Non-Fused Disconnect, Low Ambient controls, Phase loss monitor/ protection and 575 Volt models.

Filter maintenance indicator

When the optional factory-installed filter maintenance indicator is used, a factory-installed differential pressure switch measures pressure drop across the outside air filter and activates a field-supplied dry contact indicator when the pressure differential exceeds the adjustable switch setpoint.

Options and accessories (cont)

Field-installed accessories

Condenser coil hail guard

Sleek, louvered panels protect the condenser coil from hail damage, foreign objects, and incidental contact. This can be purchased as a factory-installed option or as a field-installed accessory.

Differential enthalpy sensor

The differential enthalpy sensor is comprised of an outdoor and return air enthalpy sensors to provide differential enthalpy control. The sensor allows the unit to determine if outside air is suitable for free cooling.

Wall or duct mounted CO_2 sensor

The IAQ sensor shall be available in duct or wall mount. The sensor provides demand ventilation indoor air quality (IAQ) control.

4 in. filter rack kit

The 4 in. filter rack accessory kit is designed to hold 4 in. MERV-8 or MERV-13 filters. Filters not included in kit.

MERV-13 2 in. return air filters

This kit includes MERV-13 2 in. filters to accommodate unit filter rack size. Kit available through RDC (Replacement Components Division).

MERV-8 2 in. return air filters

This kit includes MERV-8 2 in. filters to accommodate unit filter rack size. Kit available through RDC.

Phase monitor protection

The Phase Monitor Control will monitor the sequence of 3-phase electrical system to provide a phase reversal protection; and monitor the 3-phase voltage inputs to provide a phase loss protection for the 3-phase device. It will work on either a Delta or Wye power connection.

Winter start kit

The winter start kit by Carrier extends the low ambient limit of your rooftop to 25°F (–4°C). The kit bypasses the low pressure switch, preventing nuisance tripping of the low pressure switch. Other low ambient precautions may still be prudent.

Low ambient controller

The low ambient controller is a head pressure controller kit that is designed to maintain the unit's condenser head pressure during periods of low ambient cooling operation. This device should be used as an alternative to economizer free cooling when economizer usage is either not appropriate or desired. The low ambient controller will either cycle the outdoor fan motors or operate them at reduced speed to maintain the unit operation, depending on the model. This controller allows cooling operation down to 0°F (–18°C) ambient conditions.

Roof curb (14 in./356 mm or 24 in./610 mm)

Full perimeter roof curb with exhaust capability provides separate air streams for energy recovery from the exhaust air without supply air contamination.

Filter status indicator accessory

Monitors static pressure across supply and exhaust filters and provides indication when filters become clogged.

Power exhaust

Superior internal building pressure control. This field-installed accessory may eliminate the need for costly, external pressure control fans.

Manual OA damper

Manual outdoor air dampers are an economical way to bring in ventilation air. The dampers are available in 25% and 50% versions.

NOTE: See application tip "ROOFTOP-18-01" prior to use of this damper on 17-28 size models.

Motorized two-position damper

The Carrier two-position, motorized outdoor air damper admits up to 100% outside air. Using reliable, gear-driven technology, the two-position damper opens to allow ventilation air and closes when the rooftop stops, stopping unwanted infiltration.

NOTE: See application tip "ROOFTOP-18-01" prior to use of this damper on 17-28 size models.

Electric heaters

Carrier offers a full-line of field-installed accessory heaters. The heaters are very easy to use, install and are all pre-engineered and certified.

Time Guard II control circuit

This accessory protects your compressor by preventing short-cycling in the event of some other failure, prevents the compressor from restarting for 30 seconds after stopping. Not required with SystemVu™ controller or authorized commercial thermostats.

Wi-Fi stick for EconomizerONE (optional)

The accessory Wi-Fi/WLAN stick can be connected to the EconomizerONE POL224 economizer controller via the USB host interface. The Wi-Fi stick enables a wireless connection to be made between a smartphone and the economizer controller via the Climatix™[1] mobile application for commissioning, troubleshooting, and maintenance operations. The Wi-Fi stick is required to utilize the mobile application.

Climatix™ mobile application

The Climatix™ mobile application offers a best-in-class user interface and a simple step-by-step commissioning workflow using a mobile device. The user interface walks users through the setup of the controller and allows users to view the operating mode and parameters. Users can adjust setpoints, initiate damper tests, and save the final configuration as a favorite to expedite setup in the future.

The application is available on Android™[1] and Apple iOS®[1] platforms. The Wi-Fi stick for the EconomizerONE is required to join the Siemens-WiFi-Stick network and setup the controller on a smartphone.

1. Third-party trademarks and logos are the property of their respective owners.

Options and accessories (cont)

Option and Accessory Weights[a]

OPTION / ACCESSORY NAME	50FCQ UNIT WEIGHT					
	17		24		28	
	lb	kg	lb	kg	lb	kg
Power Exhaust	198	90	198	90	198	90
EconomizerONE and EconoMi$er® 2	293	133	304	138	304	138
Two-Position Damper	50	23	50	23	50	23
Manual Damper	35	16	35	16	35	16
Electric Heater	85	39	85	39	85	39
Hail Guard (louvered)	90	41	90	41	100	46
Cu/Cu Condenser and Evaporator Coils	305	139	448	204	448	204
Roof Curb (14 in. curb)	240	109	255	116	255	116
Roof Curb (24 in. curb)	340	154	355	161	355	161
CO_2 Sensor	5	3	5	3	5	3
Optional Indoor Motor[b]	30	14	30	14	0	0
Low Ambient Controller	9	4	9	4	9	4
Winter Start Kit	5	2	5	2	5	2
Return Air Smoke Detector	7	3	7	3	7	3
Supply Air Smoke Detector	7	3	7	3	7	3
Fan Filter Switch	2	1	2	1	2	1
Non-Fused Disconnect	15	7	15	7	15	7
Powered Convenience Outlet	36	16	36	16	36	16
Unpowered Convenience Outlet	4	2	4	2	4	2
Enthalpy Sensor	2	1	2	1	2	1
Differential Enthalpy Sensor	3	2	3	2	3	2
4 in. MERV 13 Filters	22	10	22	10	22	10

NOTE(S):

a. Where multiple variations are available, the heaviest combination is listed.
b. Add the Optional Indoor Motor weight to the weight of the base unit.

50FCQ*17 Base Unit Dimensions

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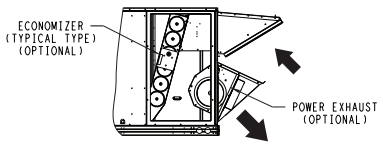
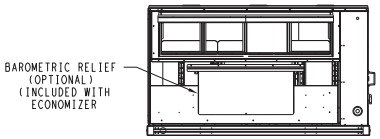


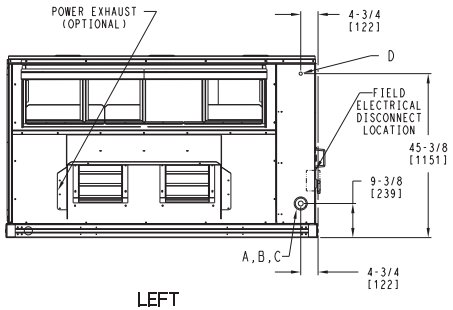
BACK

(PANELS REMOVED TO SHOW ECONOMIZER AND POWER EXHAUST OPTIONS)



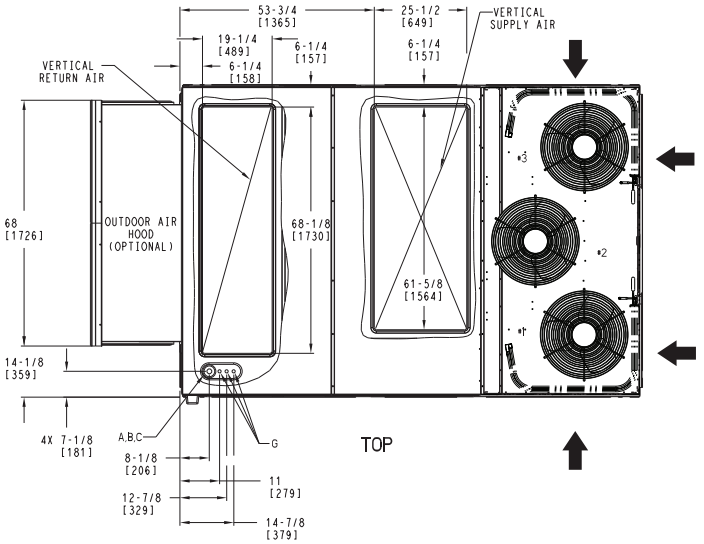
LEFT

SHOWN WITH THE BAROMETRIC RELIEF OPTION INSTALLED



LEFT

SHOWN WITH THE POWER EXHAUST OPTION INSTALLED

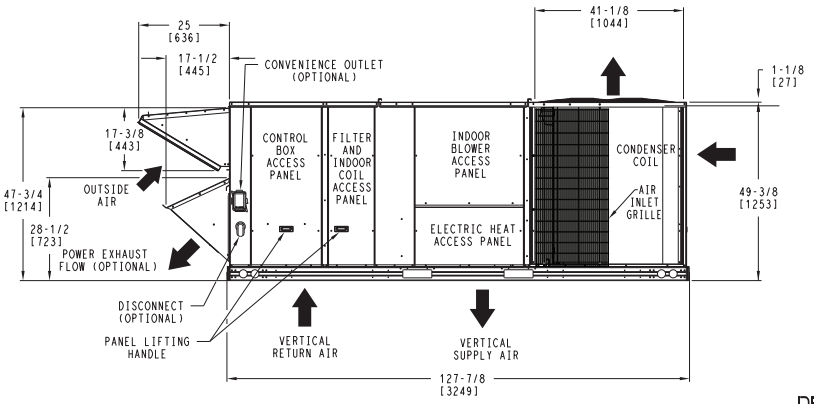


TOP

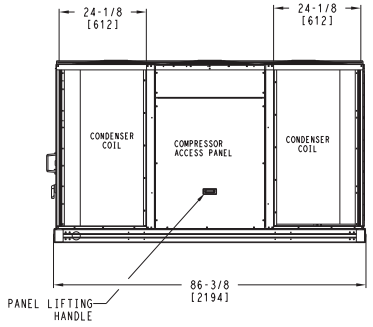
	CONNECTION SIZES
A	1 3/8" DIA [35] FIELD POWER SUPPLY KNOCKOUT
B	3" DIA [76] FIELD POWER SUPPLY KNOCKOUT
C	3 5/8" DIA [92] FIELD POWER SUPPLY KNOCKOUT
D	7/8" DIA [22] FIELD CONTROL WIRING HOLE
G	7/8" DIA [22] FIELD CONTROL WIRING KNOCKOUT

NOTES:

1. DIMENSIONS ARE IN INCHES, DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW
4. ALL VIEW DRAWN USING 3RD ANGLE



FRONT



RIGHT

DEDICATED VERTICAL AIRFLOW UNIT
17 SIZE

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	1 OF 5	8/29/22	-	FCQ 17 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006191	-

50FCQ*17 Base Unit Dimensions (cont)

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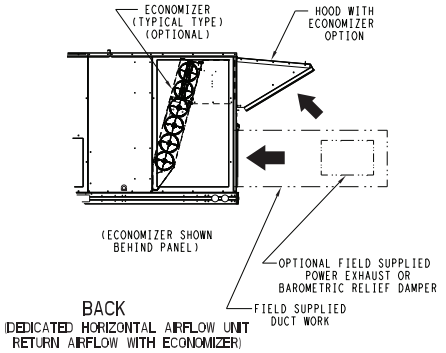
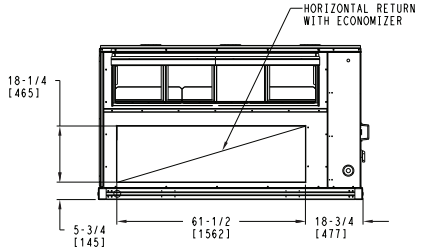
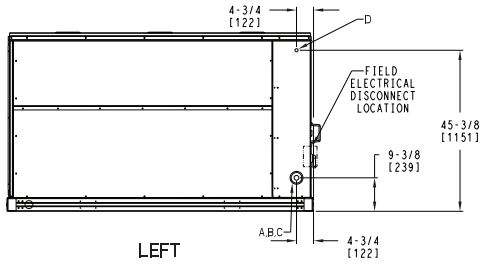


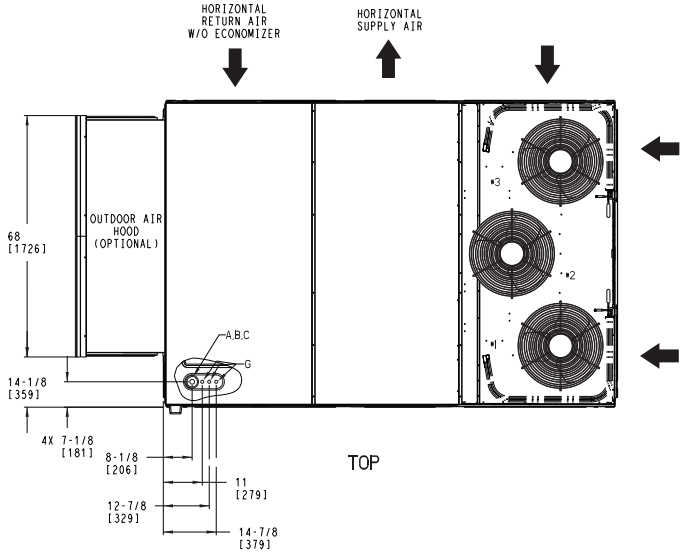
BACK
(DEDICATED HORIZONTAL AIRFLOW UNIT RETURN AIRFLOW WITH ECONOMIZER)



LEFT
(DEDICATED HORIZONTAL AIRFLOW UNIT RETURN AIRFLOW WITH ECONOMIZER)



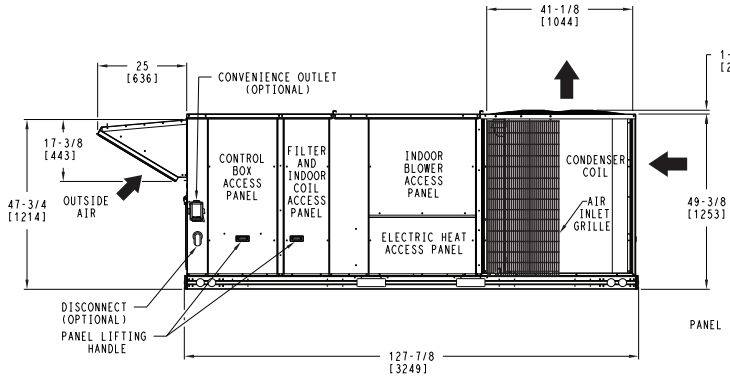
LEFT
(DEDICATED HORIZONTAL AIRFLOW UNIT RETURN AIRFLOW WITHOUT ECONOMIZER)



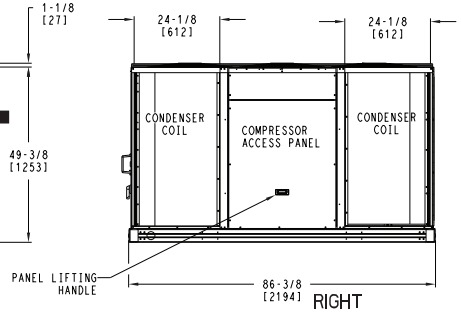
TOP

	CONNECTION SIZES
A	1 3/8" DIA [35] FIELD POWER SUPPLY KNOCKOUT
B	3" DIA [76] FIELD POWER SUPPLY KNOCKOUT
C	3 5/8" DIA [92] FIELD POWER SUPPLY KNOCKOUT
D	7/8" DIA [22] FIELD CONTROL WIRING HOLE
G	7/8" DIA [22] FIELD CONTROL WIRING KNOCKOUT

NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW
4. ALL VIEW DRAWN USING 3RD ANGLE



FRONT



RIGHT

DEDICATED HORIZONTAL AIRFLOW UNIT
17 SIZE

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	2 OF 5	8/29/22	-	FCQ 17 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006191	-

50FCQ*17 Base Unit Dimensions (cont)

	CONNECTION SIZES
E	3/4"-14 NPT CONDENSATE DRAIN

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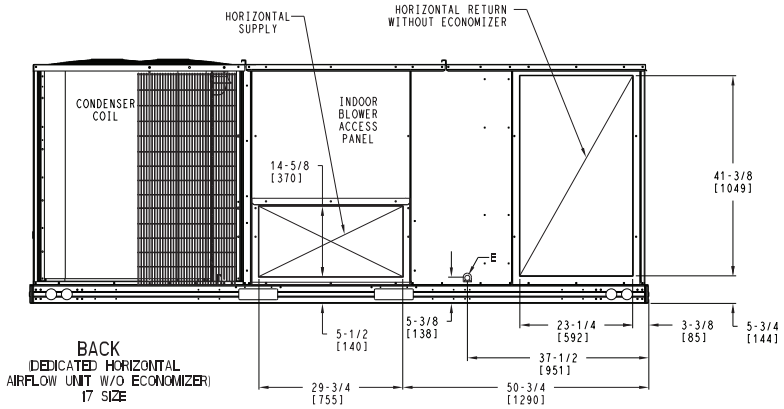
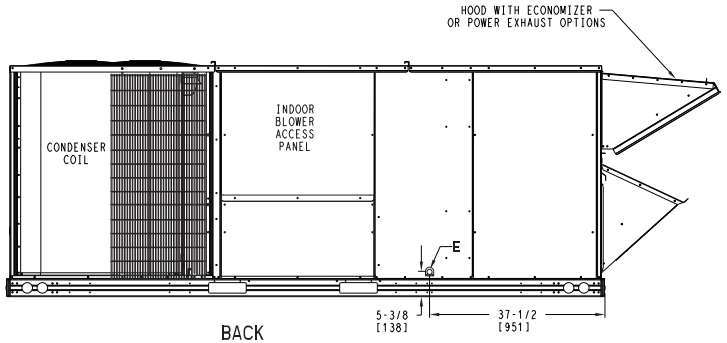
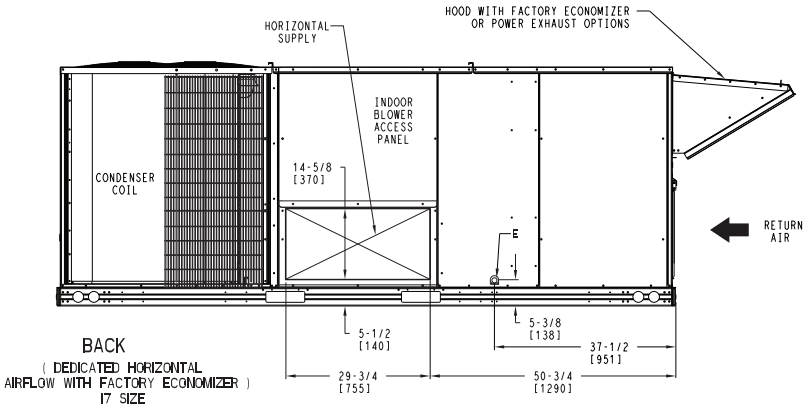


BACK
(DEDICATED HORIZONTAL AIRFLOW UNIT W/O ECONOMIZER)
17 SIZE



BACK
(DEDICATED VERTICAL AIRFLOW UNIT W/ECONOMIZER)
17 SIZE



BACK
(DEDICATED HORIZONTAL AIRFLOW WITH FACTORY ECONOMIZER)
17 SIZE

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	3 OF 5	8/29/22	-	FCQ 17 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006191	-

50FCQ*17 Base Unit Dimensions (cont)

UNIT	STD UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
FCQ-17	1627	738	357	162	460	209	456	207	354	161	72 [1829]	43 [1092]	16 1/2 [419]

Carrier

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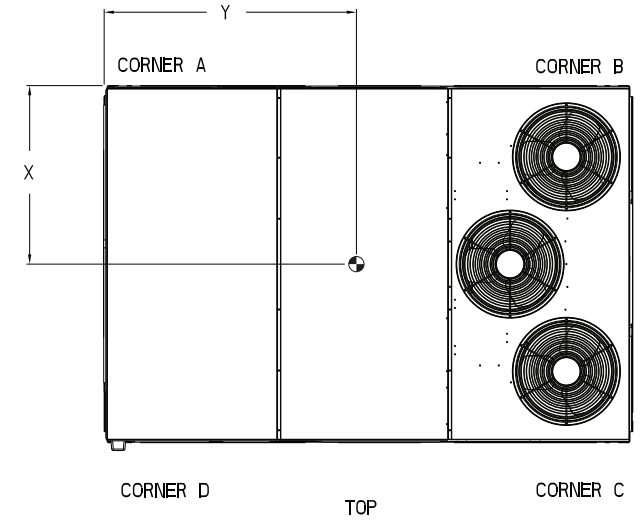
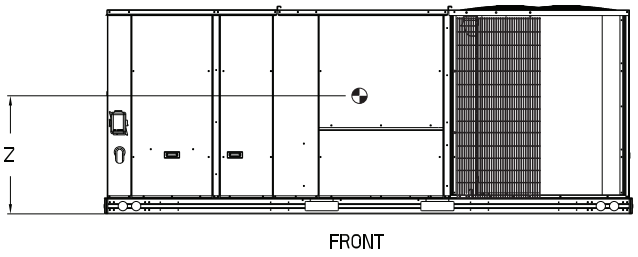
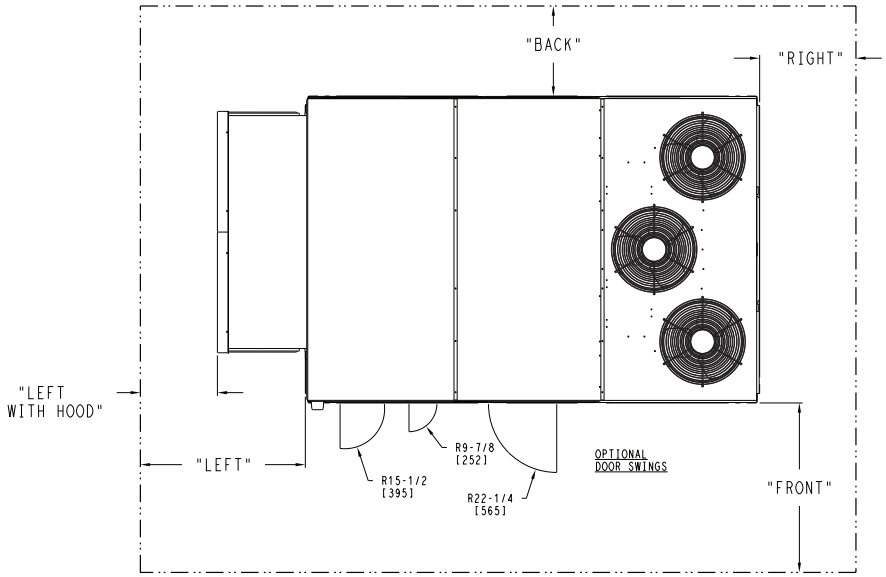
* STANDARD UNIT WEIGHT IS WITHOUT ELECTRIC HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.







NOTES:

1. CLEARANCE ABOVE THE UNIT TO BE 72"
2. FOR ALL MINIMUM CLEARANCES LOCAL CODES OR JURISDICTIONS MAY PREVAIL.

	CLEARANCE		
	SERVICE WITH:	SERVICE WITH:	OPERATING
SURFACE	CONDUCTIVE BARRIER	NONCONDUCTIVE BARRIER	CLEARANCE
FRONT	48 [1219mm]	36 [914mm]	18 [457mm]
LEFT	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK	42 [1067mm]	36 [914mm]	18 [457mm]
LEFT WITH HOOD	36 [914mm]	36 [914mm]	18 [457mm]
RIGHT	36 [914mm]	36 [914mm]	18 [457mm]
TOP	72 [1829mm]	72 [1829mm]	72 [1829mm]

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	4 OF 5	8/29/22	-	FCQ 17 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006191	-

50FCQ*17 Base Unit Dimensions (cont)

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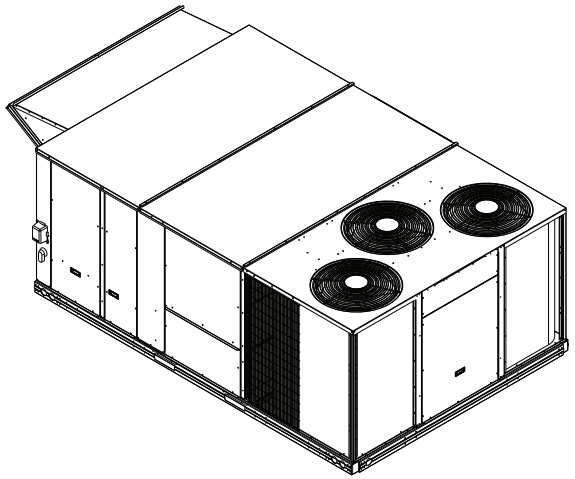
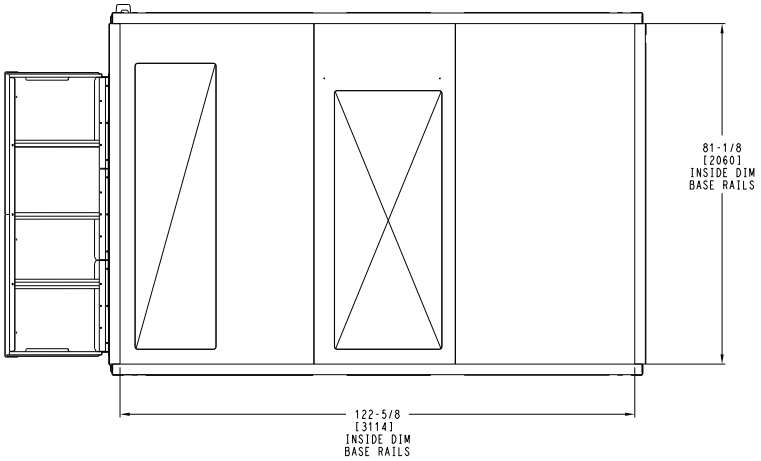
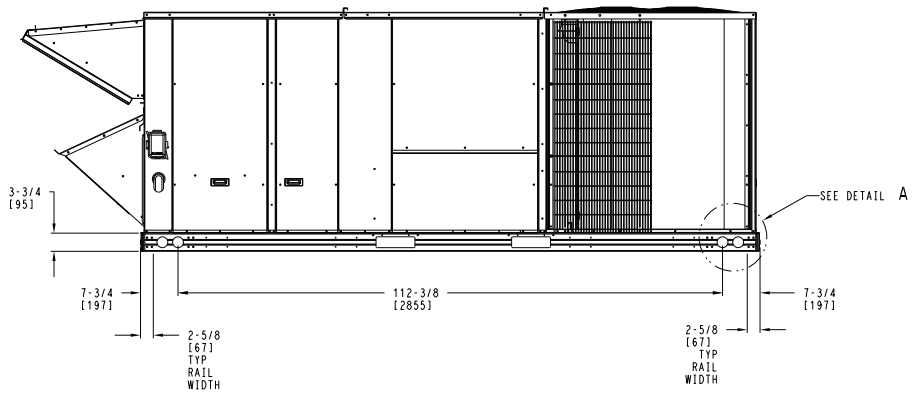
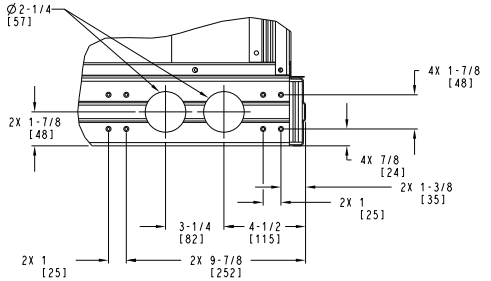




BOTTOM
INSIDE BASERAIL DIMENSIONS



FRONT
RIGGING HOLE LOCATIONS



DETAIL A
TYP 4 PLCS

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	5 OF 5	8/29/22	-	FCQ 17 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006191	-

50FCQ*24-28 Base Unit Dimensions

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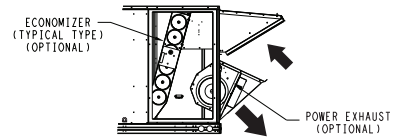
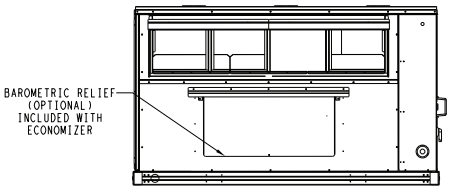


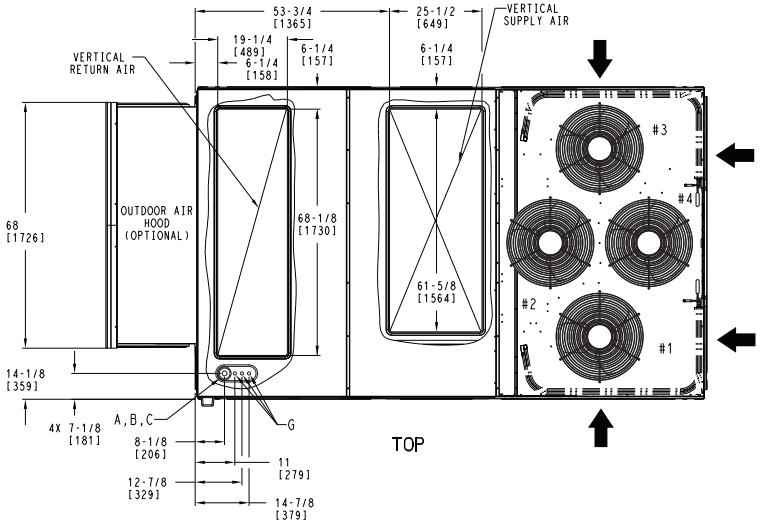
BACK

(PANELS REMOVED TO SHOW ECONOMIZER AND POWER EXHAUST OPTIONS)



LEFT

SHOWN WITH THE BAROMETRIC RELIEF OPTION INSTALLED



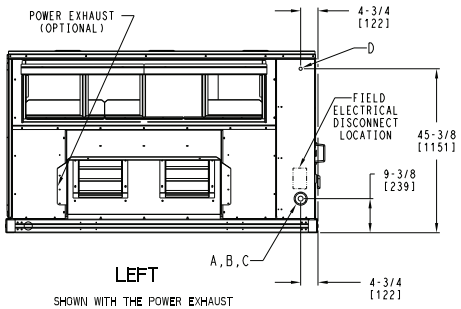
TOP

	CONNECTION SIZES
A	1 3/8" DIA [35] FIELD POWER SUPPLY KNOCKOUT
B	3" DIA [76] FIELD POWER SUPPLY KNOCKOUT
C	3 5/8" DIA [92] FIELD POWER SUPPLY KNOCKOUT
D	7/8" DIA [22] FIELD CONTROL WIRING HOLE
G	7/8" DIA [22] FIELD CONTROL WIRING KNOCKOUT

UNIT	H
24 SIZE	57-3/8 [1456]
28 SIZE	57-3/8 [1456]

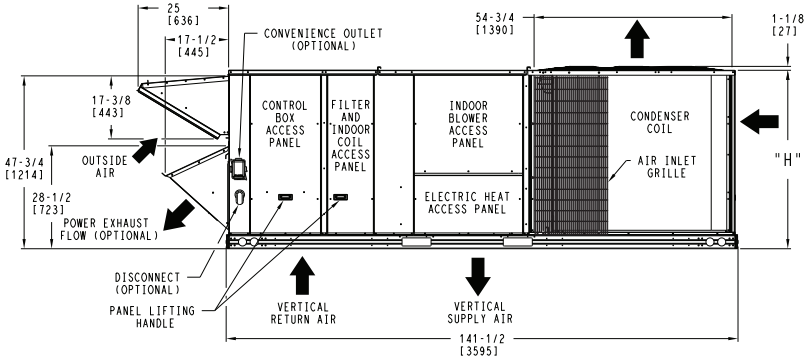
NOTES:

1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW
4. ALL VIEW DRAWN USING 3RD ANGLE

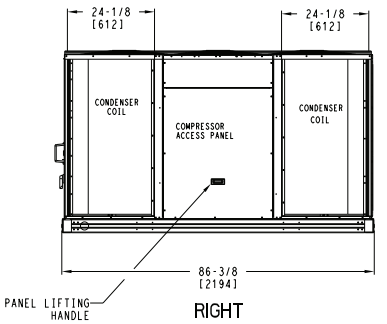


LEFT

SHOWN WITH THE POWER EXHAUST OPTION INSTALLED



FRONT



RIGHT

DEDICATED VERTICAL AIRFLOW UNIT
24,28 SIZE

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES	FCQ 24,28 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006192	REV
U.S. ECCN:NSR	1 OF 5	11/03/22	8/29/22			A

50FCQ*24-28 Base Unit Dimensions (cont)

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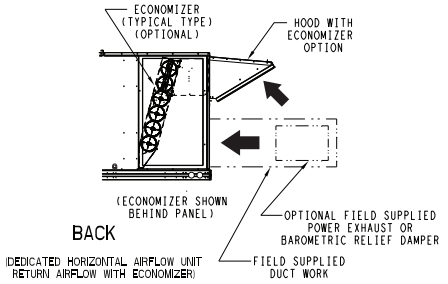

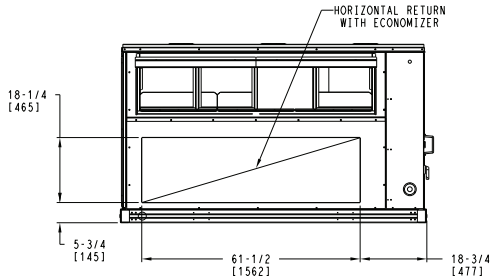

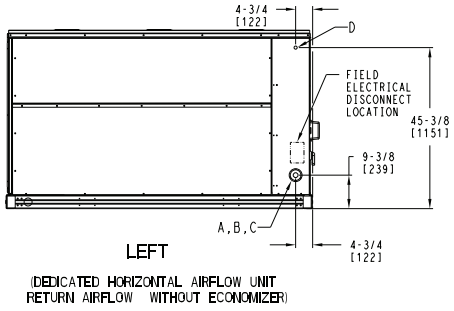

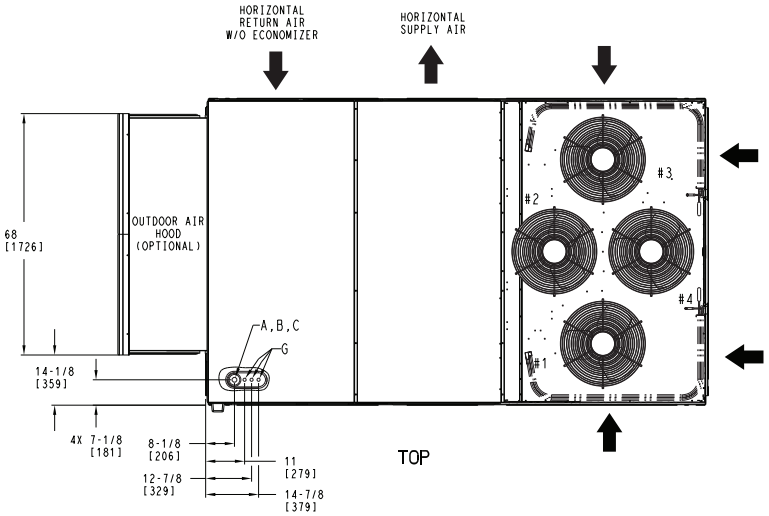

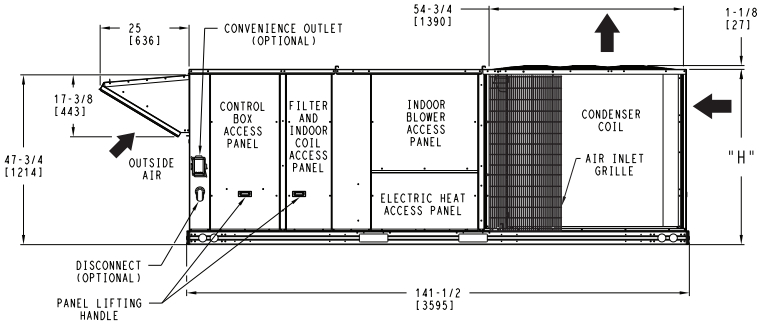

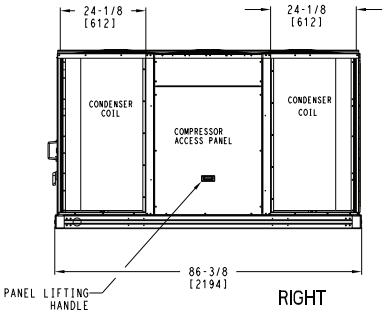

	CONNECTION SIZES
A	1 3/8" DIA [35] FIELD POWER SUPPLY KNOCKOUT
B	3" DIA [76] FIELD POWER SUPPLY KNOCKOUT
C	3 5/8" DIA [92] FIELD POWER SUPPLY KNOCKOUT
D	7/8" DIA [22] FIELD CONTROL WIRING HOLE
G	7/8" DIA [22] FIELD CONTROL WIRING KNOCKOUT

UNIT	H
24 SIZE	57-3/8 [1456]
28 SIZE	57-3/8 [1456]

NOTES:

1. DIMENSIONS ARE IN INCHES, DIMENSIONS IN [ ] ARE IN MILLIMETERS.
2. CENTER OF GRAVITY
3. DIRECTION OF AIR FLOW
4. ALL VIEW DRAWN USING 3RD ANGLE

DEDICATED HORIZONTAL AIRFLOW UNIT
24,28 SIZE

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	2 OF 5	11/03/22	8/30/22	FCQ 24,28 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006192	A

50FCQ*24-28 Base Unit Dimensions (cont)

	CONNECTION SIZES
E	3/4"-14 NPT CONDENSATE DRAIN

UNIT	G
24 SIZE	49-1/4 [1251]
28 SIZE	49-1/4 [1251]

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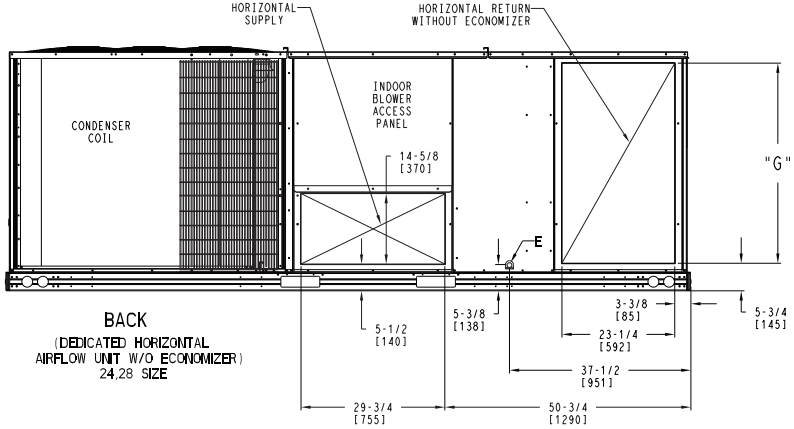
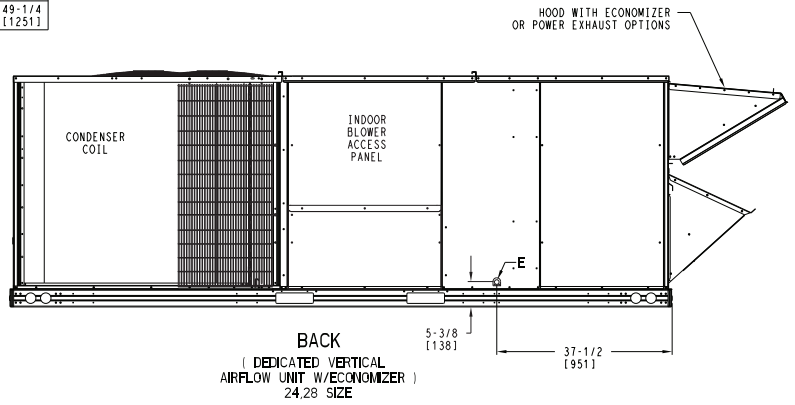
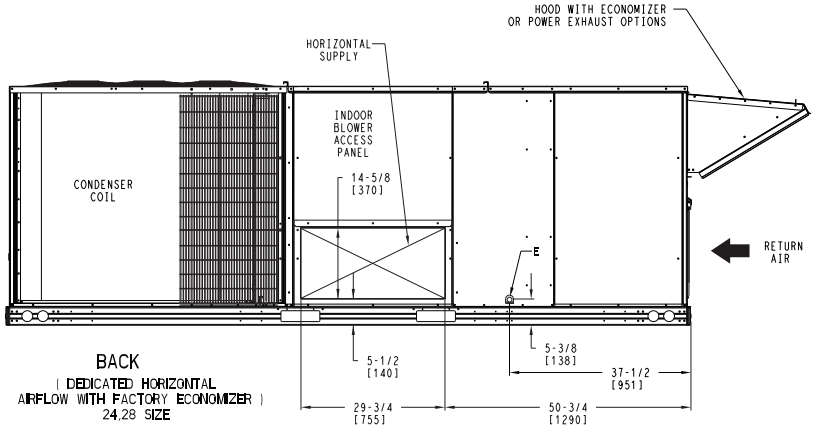


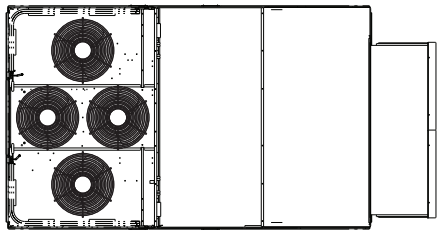
BACK
(DEDICATED HORIZONTAL AIRFLOW UNIT W/O ECONOMIZER)
24,28 SIZE



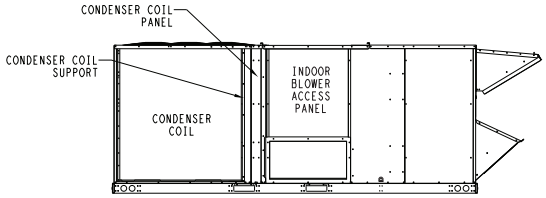
BACK
(DEDICATED VERTICAL AIRFLOW UNIT W/ECONOMIZER)
24,28 SIZE



BACK
(DEDICATED HORIZONTAL AIRFLOW WITH FACTORY ECONOMIZER)
24,28 SIZE



28 SIZE CONDENSER COIL TOP VIEW



28 SIZE CONDENSER COIL END BRACKET SUPPORT

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	3 OF 5	11/03/22	8/30/22	FCQ 24,28 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006192	A

50FCQ*24-28 Base Unit Dimensions (cont)

UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.		
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z
FCQ-24	2057	933	466	211	531	241	565	256	495	225	75 3/8 [1915]	44 1/2 [1130]	19 [483]
FCQ-28	2125	964	465	211	556	252	601	273	503	228	77 [1956]	44 7/8 [1140]	19 [483]

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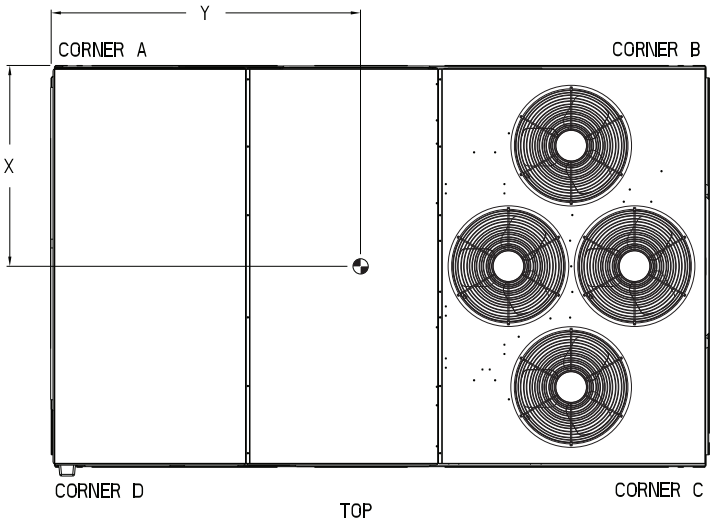
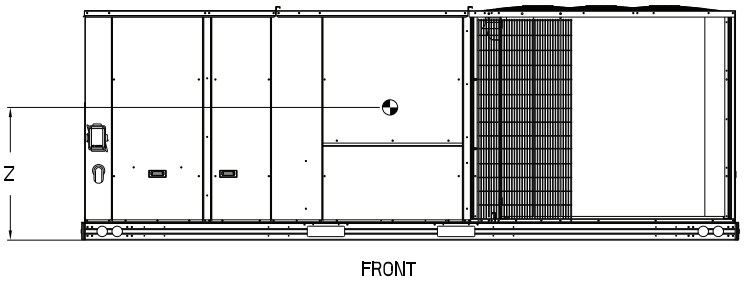
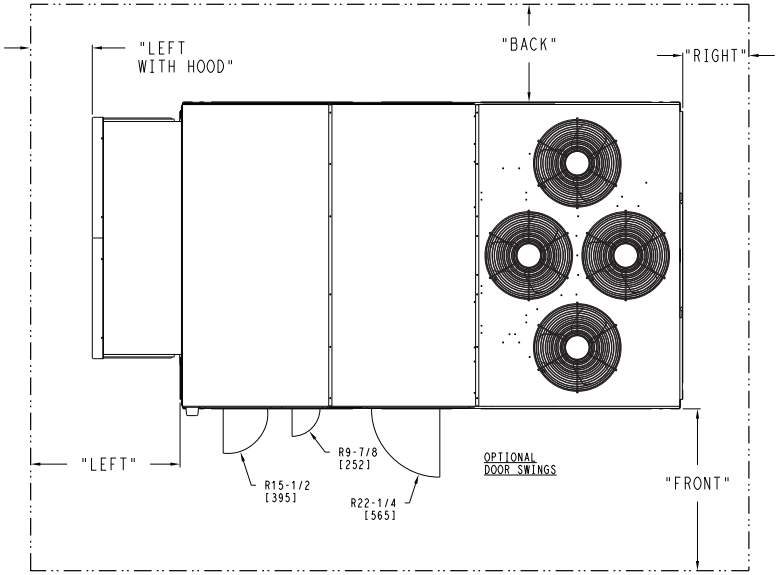
* STANDARD UNIT WEIGHT IS WITHOUT ELECTRIC HEAT AND WITHOUT PACKAGING.
FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.







NOTES:

1. CLEARANCE ABOVE THE UNIT TO BE 72"
2. FOR ALL MINIMUM CLEARANCES LOCAL CODES OR JURISDICTIONS MAY PREVAIL.

	CLEARANCE		
	SERVICE WITH:	SERVICE WITH:	OPERATING
SURFACE	CONDUCTIVE BARRIER	NONCONDUCTIVE BARRIER	CLEARANCE
FRONT	48 [1219mm]	36 [914mm]	18 [457mm]
LEFT	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK	42 [1067mm]	36 [914mm]	18 [457mm]
LEFT WITH HOOD	36 [914mm]	36 [914mm]	18 [457mm]
RIGHT	36 [914mm]	36 [914mm]	18 [457mm]
TOP	72 [1829mm]	72 [1829mm]	72 [1829mm]

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	4 OF 5	11/03/22	8/30/22	FCQ 24,28 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006192	A

50FCQ*24-28 Base Unit Dimensions (cont)

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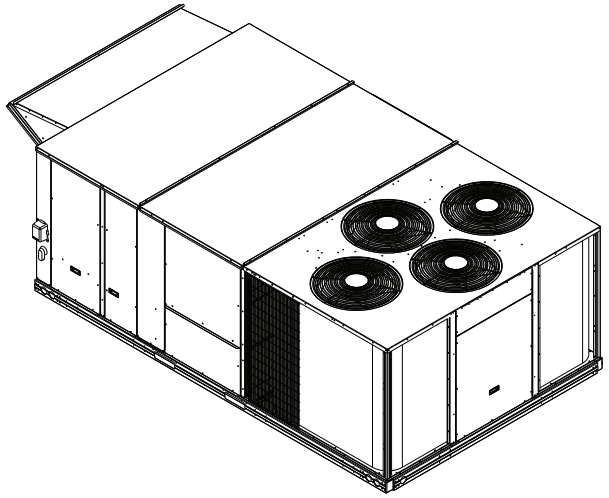
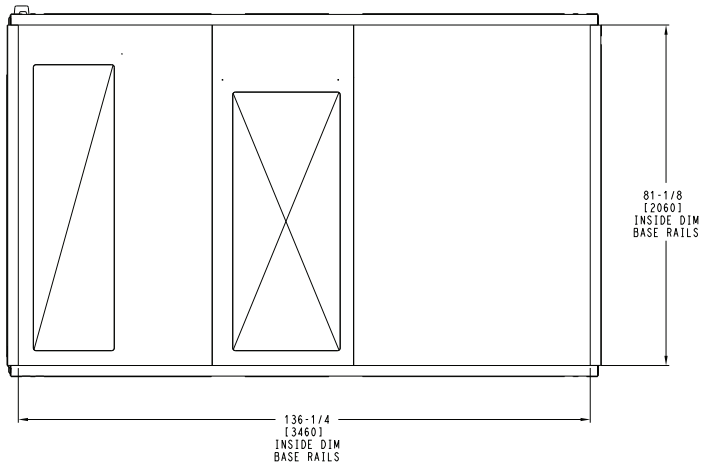
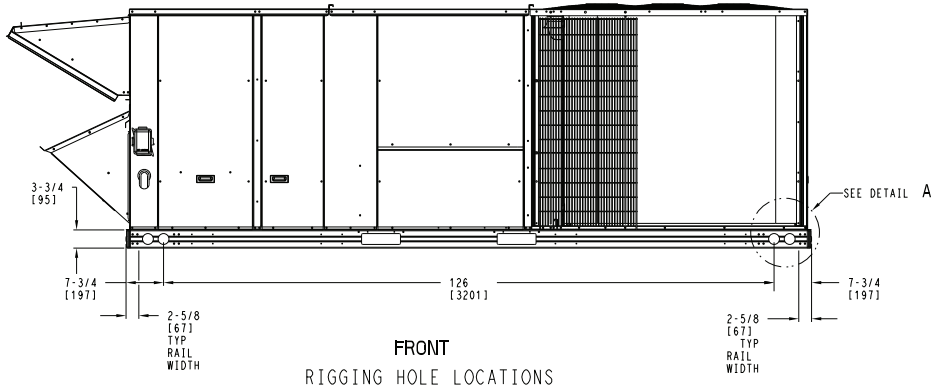
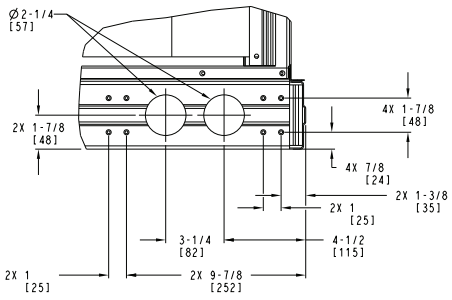




BOTTOM
INSIDE BASERAIL DIMENSIONS



FRONT
RIGGING HOLE LOCATIONS

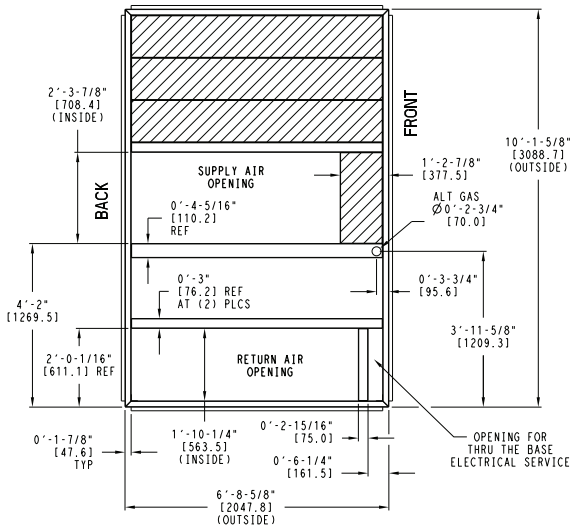


DETAIL A
TYP 4 PLCS

ITC CLASSIFICATION	SHEET	DATE	SUPERCEDES			REV
U.S. ECCN:NSR	5 OF 5	11/03/22	-	FCQ 24,28 SINGLE ZONE ELECTRICAL HEAT PUMP	50HE006192	A

Roof Curb Dimensions — 50FCQ*17

"A"	ROOF CURB ACCESSORY
1′-2" [356.0]	CRRFCURB045A00
2′-0" [610.0]	CRRFCURB046A00



NOTES:

1 ROOF CURB ACCESSORY IS SHIPPED UNASSEMBLED.

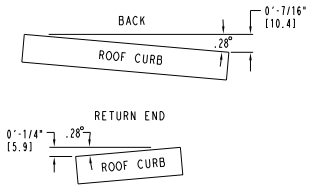
2 DIMENSIONS IN [ ] ARE IN MILLIMETERS.

3 ROOF CURB GALVANIZED STEEL.

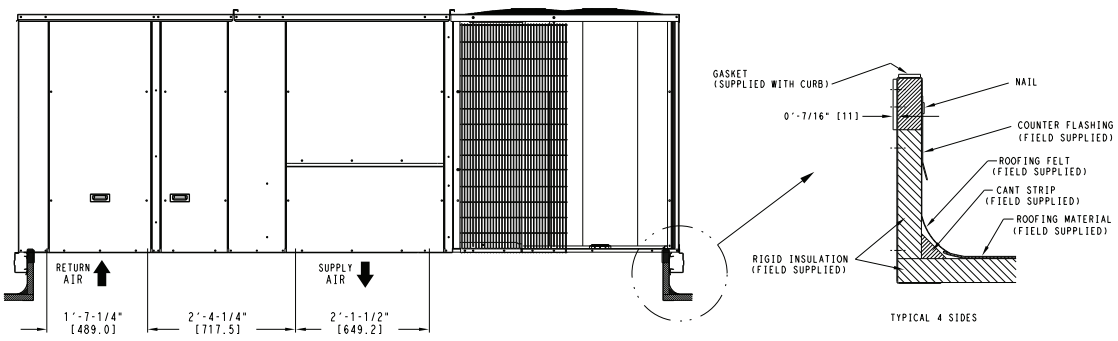
4 ATTACH DUCTWORK TO CURB (FLANGES ON DUCT REST ON CURB)

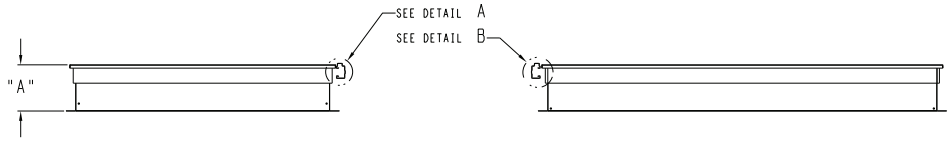
5 SERVICE CLEARANCE 4 ft ON EACH SIDE

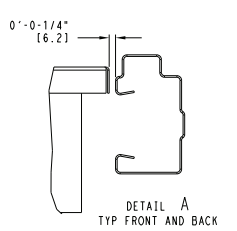
DIRECTION OF AIR FLOW

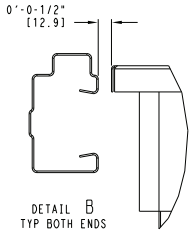


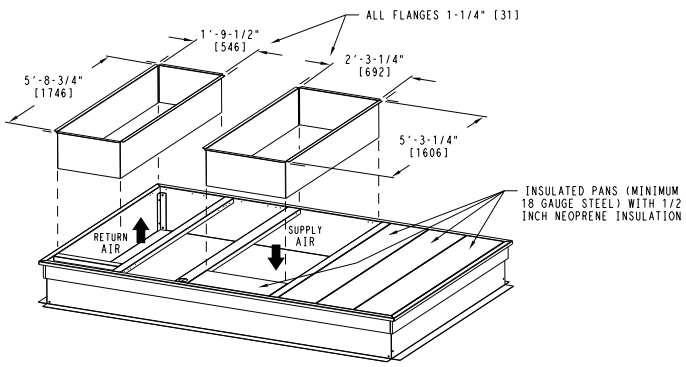
MAX CURB LEVELING TOLERANCES







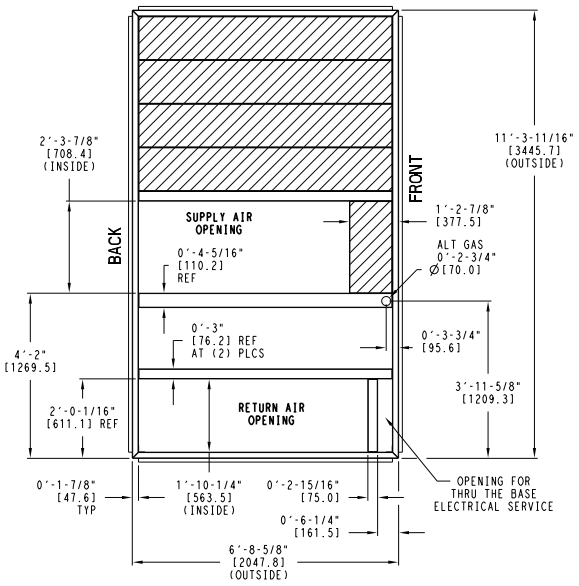




Accessory dimensions (cont)

Roof Curb Dimensions — 50FCQ*24-28

"A"	ROOF CURB ACCESSORY
1′-2" [356.0]	CRRFCURB047A00
2′-0" [610.0]	CRRFCURB048A00



NOTES:

1 ROOF CURB ACCESSORY IS SHIPPED UNASSEMBLED.

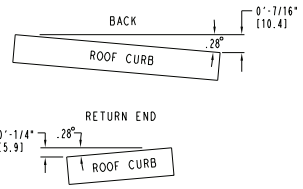
2 DIMENSIONS IN [ ] ARE IN MILLIMETERS.

3 ROOF CURB GALVANIZED STEEL.

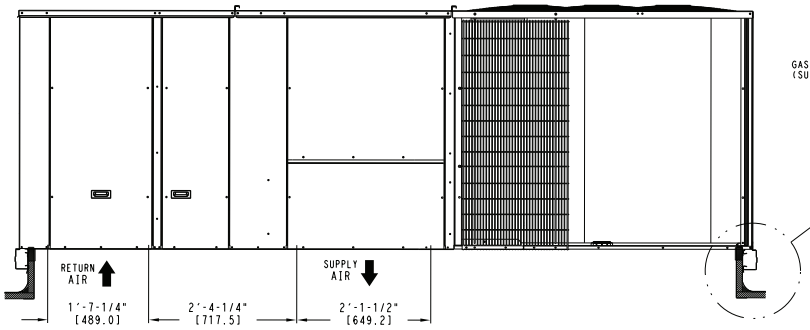
4 ATTACH DUCTWORK TO CURB (FLANGES ON DUCT REST ON CURB)

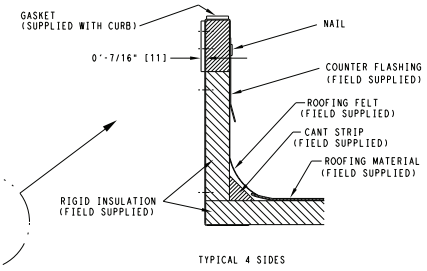
5 SERVICE CLEARANCE 4 ft ON EACH SIDE

DIRECTION OF AIR FLOW

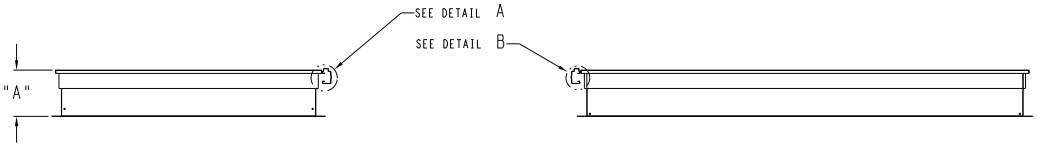


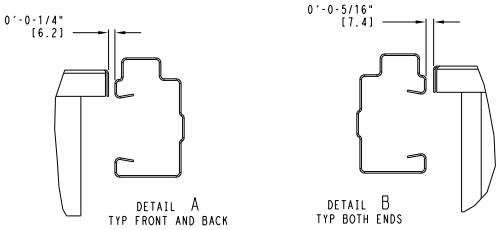
MAX CURB LEVELING TOLERANCES

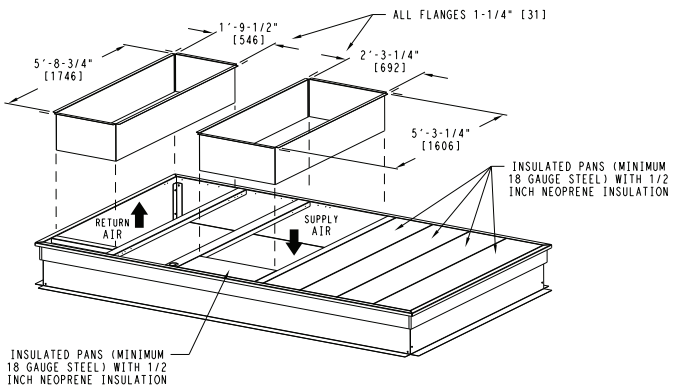




TYPICAL 4 SIDES







Performance data

50FCQM17 Two Stage Cooling Capacities

50FCQM17				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
4500 cfm	EAT (wb)	58	TC	144.9	144.9	157.4	136.8	136.8	146.8	126.6	126.6	141.0	116.6	116.6	133.8	107.6	107.6	123.9
			SHC	121.1	139.2	157.4	112.7	129.8	146.8	106.4	123.7	141.0	99.5	116.6	133.8	91.3	107.6	123.9
		62	TC	154.0	154.0	154.0	143.9	143.9	143.9	133.2	133.2	135.7	122.6	122.6	129.3	111.6	111.6	122.6
			SHC	108.8	128.5	148.3	102.5	122.3	142.1	96.1	115.9	135.7	89.6	109.5	129.3	83.0	102.8	122.6
		67	TC	170.8	170.8	170.8	159.9	159.9	159.9	148.7	148.7	148.7	137.3	137.3	137.3	125.6	125.6	125.6
			SHC	89.5	108.7	127.9	83.2	102.7	122.1	76.9	96.5	116.1	70.5	90.2	109.9	64.2	84.0	103.8
		72	TC	189.7	189.7	189.7	178.0	178.0	178.0	166.2	166.2	166.2	154.1	154.1	154.1	141.5	141.5	141.5
			SHC	71.7	88.4	105.1	64.8	82.5	100.2	58.2	76.6	94.9	51.7	70.5	89.3	45.1	64.4	83.6
		76	TC	—	205.0	205.0	—	193.7	193.7	—	181.4	181.4	—	168.4	168.4	—	155.0	155.0
			SHC	—	73.7	98.5	—	65.8	90.6	—	58.9	83.6	—	53.3	78.0	—	47.8	72.5
5250 cfm	EAT (wb)	58	TC	153.3	153.3	166.4	142.2	142.2	161.8	133.2	133.2	152.0	123.9	123.9	141.9	114.4	114.4	131.5
			SHC	128.3	147.4	166.4	122.6	142.2	161.8	114.4	133.2	152.0	105.9	123.9	141.9	97.3	114.4	131.5
		62	TC	155.9	155.9	166.7	148.9	148.9	156.3	138.1	138.1	149.6	126.9	126.9	142.3	115.7	115.7	134.1
			SHC	121.0	143.9	166.7	111.1	133.7	156.3	104.5	127.1	149.6	97.6	119.9	142.3	90.2	112.2	134.1
		67	TC	176.2	176.2	176.2	165.0	165.0	165.0	153.4	153.4	153.4	141.6	141.6	141.6	129.4	129.4	129.4
			SHC	95.4	117.6	139.9	89.1	111.5	133.9	82.7	105.2	127.7	76.2	98.9	121.5	69.7	92.5	115.2
		72	TC	195.3	195.3	195.3	183.4	183.4	183.4	171.0	171.0	171.0	158.3	158.3	158.3	145.4	145.4	145.4
			SHC	73.8	94.6	115.4	67.3	88.6	109.9	60.8	82.5	104.2	54.3	76.3	98.4	47.7	70.0	92.3
		76	TC	—	212.2	212.2	—	199.4	199.4	—	186.1	186.1	—	172.6	172.6	—	159.0	159.0
			SHC	—	74.3	103.2	—	68.5	97.4	—	63.3	92.1	—	57.4	86.2	—	51.3	70.8
6000 cfm	EAT (wb)	58	TC	158.1	158.1	179.3	149.1	149.1	169.5	139.7	139.7	159.2	129.9	129.9	148.6	120.0	120.0	137.7
			SHC	136.9	158.1	179.3	128.7	149.1	169.5	120.1	139.7	159.2	111.3	129.9	148.6	102.2	120.0	137.7
		62	TC	163.9	163.9	175.8	152.9	152.9	168.8	142.0	142.0	161.4	132.7	132.7	150.7	122.4	122.4	139.4
			SHC	125.5	150.6	175.8	118.7	143.8	168.8	111.7	136.6	161.4	103.4	127.1	150.7	94.5	117.0	139.4
		67	TC	180.5	180.5	180.5	169.0	169.0	169.0	157.0	157.0	157.0	144.8	144.8	144.8	132.3	132.3	132.3
			SHC	100.7	125.8	150.8	94.4	119.6	144.8	88.0	113.3	138.6	81.4	106.8	132.2	74.8	100.3	125.7
		72	TC	199.7	199.7	199.7	187.3	187.3	187.3	174.6	174.6	174.6	161.6	161.6	161.6	148.3	148.3	148.3
			SHC	76.2	100.2	124.2	69.7	94.1	118.5	63.2	87.9	112.6	56.6	81.5	106.5	50.0	75.2	100.3
		76	TC	—	216.3	216.3	—	203.3	203.3	—	189.8	189.8	—	176.0	176.0	—	162.2	162.2
			SHC	—	78.3	111.3	—	72.6	105.6	—	66.7	86.8	—	60.5	82.6	—	54.5	77.9
6750 cfm	EAT (wb)	58	TC	164.4	164.4	186.3	155.0	155.0	176.0	145.2	145.2	165.3	135.1	135.1	154.3	124.8	124.8	143.1
			SHC	142.5	164.4	186.3	133.9	155.0	176.0	125.0	145.2	165.3	115.8	135.1	154.3	106.5	124.8	143.1
		62	TC	167.5	167.5	187.2	159.2	159.2	169.1	147.9	147.9	165.5	137.7	137.7	155.9	126.9	126.9	143.2
			SHC	132.4	159.8	187.2	120.4	144.8	169.1	115.3	140.4	165.5	107.3	131.6	155.9	97.6	120.4	143.2
		67	TC	184.1	184.1	184.1	161.3	161.3	170.0	159.9	159.9	159.9	147.4	147.4	147.4	134.7	134.7	135.7
			SHC	105.8	133.6	161.4	109.9	140.0	170.0	92.9	120.9	148.8	86.3	114.3	142.3	79.6	107.7	135.7
		72	TC	203.2	203.2	203.2	190.6	190.6	190.6	177.5	177.5	177.5	164.2	164.2	164.2	150.7	150.7	150.7
			SHC	78.4	105.4	132.4	72.0	99.2	126.5	65.4	92.9	120.4	58.8	86.5	114.3	52.1	80.1	108.0
		76	TC	—	219.9	219.9	—	206.5	206.5	—	192.8	192.8	—	179.0	179.0	—	164.7	164.7
			SHC	—	81.8	118.9	—	75.8	98.6	—	69.7	94.3	—	63.6	89.4	—	57.3	83.9
7500 cfm	EAT (wb)	58	TC	169.7	169.7	192.2	160.0	160.0	181.6	149.8	149.8	170.6	139.5	139.5	159.2	128.8	128.8	147.6
			SHC	147.2	169.7	192.2	138.3	160.0	181.6	129.1	149.8	170.6	119.7	139.5	159.2	110.1	128.8	147.6
		62	TC	172.7	172.7	194.8	163.2	163.2	183.6	153.2	153.2	169.9	142.1	142.1	158.8	128.9	128.9	154.0
			SHC	137.6	166.2	194.8	129.0	156.3	183.6	118.9	144.4	169.9	110.0	134.4	158.8	103.9	128.9	154.0
		67	TC	187.0	187.0	187.0	174.8	174.8	174.8	155.0	155.0	173.8	150.0	150.0	152.3	136.6	136.6	145.1
			SHC	110.7	141.0	171.4	104.2	134.6	165.1	110.2	142.0	173.8	91.1	121.7	152.3	84.1	114.6	145.1
		72	TC	206.1	206.1	206.1	193.2	193.2	193.2	179.9	179.9	179.9	166.4	166.4	166.4	152.7	152.7	152.7
			SHC	80.5	110.3	140.0	74.1	104.1	134.1	67.5	97.7	127.9	60.8	91.2	121.6	54.2	84.8	115.4
		76	TC	—	222.9	222.9	—	209.3	209.3	—	195.2	195.2	—	181.2	181.2	—	166.6	166.6
			SHC	—	84.8	110.3	—	78.6	105.4	—	72.5	100.5	—	66.4	95.3	—	60.0	89.6

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM17 Single Stage Cooling Capacities

50FCQM17				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
2700 cfm	EAT (wb)	58	TC	91.8	91.8	101.9	85.4	85.4	95.1	78.0	78.0	89.8	71.3	71.3	82.8	64.5	64.5	75.4
			SHC	77.0	89.4	101.9	71.1	83.1	95.1	65.9	77.9	89.8	59.9	71.3	82.8	53.6	64.5	75.4
		62	TC	99.8	99.8	99.8	92.2	92.2	92.2	84.6	84.6	84.6	76.3	76.3	78.2	68.1	68.1	73.0
			SHC	68.0	80.7	93.4	62.9	75.7	88.4	57.9	70.7	83.4	52.7	65.4	78.2	47.4	60.2	73.0
		67	TC	111.8	111.8	111.8	103.7	103.7	103.7	95.3	95.3	95.3	86.8	86.8	86.8	78.1	78.1	78.1
			SHC	56.0	68.3	80.7	50.9	63.4	75.8	45.7	58.3	70.9	40.6	53.2	65.8	35.4	48.1	60.8
		72	TC	125.2	125.2	125.2	116.6	116.6	116.6	107.8	107.8	107.8	98.7	98.7	98.7	89.5	89.5	89.5
			SHC	45.2	55.8	66.5	39.6	50.9	62.3	34.2	46.0	57.7	28.9	40.9	53.0	23.5	35.8	48.1
		76	TC	—	136.3	136.3	—	127.5	127.5	—	118.7	118.7	—	109.3	109.3	—	99.4	99.4
			SHC	—	46.6	61.4	—	41.5	56.4	—	35.5	50.4	—	30.2	45.0	—	25.5	40.4
3150 cfm	EAT (wb)	58	TC	97.7	97.7	109.5	90.5	90.5	103.6	83.7	83.7	96.3	76.6	76.6	88.7	69.4	69.4	80.9
			SHC	82.9	96.2	109.5	77.3	90.5	103.6	71.1	83.7	96.3	64.6	76.6	88.7	58.0	69.4	80.9
		62	TC	104.0	104.0	104.0	96.1	96.1	98.3	87.9	87.9	93.0	79.6	79.6	87.7	71.0	71.0	82.0
			SHC	74.3	88.9	103.5	69.1	83.7	98.3	63.8	78.4	93.0	58.5	73.1	87.7	53.0	67.5	82.0
		67	TC	116.0	116.0	116.0	107.5	107.5	107.5	98.9	98.9	98.9	90.0	90.0	90.0	81.0	81.0	81.0
			SHC	60.2	74.5	88.9	55.0	69.5	83.9	49.8	64.3	78.8	44.5	59.1	73.7	39.3	53.9	68.5
		72	TC	129.6	129.6	129.6	120.7	120.7	120.7	111.5	111.5	111.5	102.1	102.1	102.1	92.5	92.5	92.5
			SHC	46.8	60.1	73.5	41.5	55.2	68.9	36.1	50.1	64.0	30.8	44.9	59.1	25.4	39.7	54.0
		76	TC	—	141.7	141.7	—	132.5	132.5	—	122.6	122.6	—	112.6	112.6	—	102.4	102.4
			SHC	—	48.1	65.4	—	42.6	60.0	—	38.0	55.3	—	33.1	50.4	—	28.0	40.2
3600 cfm	EAT (wb)	58	TC	102.5	102.5	116.7	95.6	95.6	109.3	88.5	88.5	101.6	81.1	81.1	93.6	73.6	73.6	85.5
			SHC	88.3	102.5	116.7	81.9	95.6	109.3	75.3	88.5	101.6	68.6	81.1	93.6	61.7	73.6	85.5
		62	TC	107.3	107.3	112.8	99.2	99.2	107.4	90.8	90.8	101.7	82.4	82.4	95.9	74.3	74.3	87.8
			SHC	79.9	96.4	112.8	74.7	91.0	107.4	69.2	85.5	101.7	63.6	79.7	95.9	57.0	72.4	87.8
		67	TC	119.3	119.3	119.3	110.7	110.7	110.7	101.8	101.8	101.8	92.6	92.6	92.6	83.4	83.4	83.4
			SHC	64.1	80.4	96.6	58.9	75.2	91.5	53.6	70.0	86.4	48.3	64.7	81.1	42.9	59.4	75.9
		72	TC	133.1	133.1	133.1	123.9	123.9	123.9	114.4	114.4	114.4	104.7	104.7	104.7	94.8	94.8	94.8
			SHC	48.6	64.1	79.7	43.2	59.0	74.8	37.9	53.9	69.9	32.5	48.6	64.8	27.1	43.3	59.6
		76	TC	—	145.4	145.4	—	135.6	135.6	—	125.5	125.5	—	115.3	115.3	—	105.0	105.0
			SHC	—	50.2	70.0	—	45.5	65.3	—	40.5	60.3	—	35.4	49.5	—	30.3	45.3
4050 cfm	EAT (wb)	58	TC	107.1	107.1	121.9	100.0	100.0	114.1	92.6	92.6	106.2	84.9	84.9	97.9	77.1	77.1	89.4
			SHC	92.4	107.1	121.9	85.8	100.0	114.1	79.0	92.6	106.2	72.0	84.9	97.9	64.8	77.1	89.4
		62	TC	109.8	109.8	120.9	101.9	101.9	115.5	93.6	93.6	108.8	85.2	85.2	101.9	77.7	77.7	92.2
			SHC	84.9	102.9	120.9	79.6	97.6	115.5	73.6	91.2	108.8	67.5	84.7	101.9	60.1	76.2	92.2
		67	TC	122.1	122.1	122.1	113.2	113.2	113.2	104.1	104.1	104.1	94.7	94.7	94.7	85.3	85.3	85.3
			SHC	67.7	85.9	104.0	62.5	80.6	98.8	57.2	75.4	93.6	51.8	70.0	88.2	46.4	64.7	83.0
		72	TC	135.9	135.9	135.9	126.5	126.5	126.5	116.8	116.8	116.8	106.9	106.9	106.9	96.8	96.8	96.8
			SHC	50.2	67.8	85.4	44.9	62.6	80.4	39.6	57.4	75.3	34.2	52.2	70.2	28.7	46.8	65.0
		76	TC	—	148.1	148.1	—	138.2	138.2	—	127.9	127.9	—	117.6	117.6	—	106.9	106.9
			SHC	—	52.8	75.1	—	47.9	62.4	—	42.8	58.6	—	37.6	54.3	—	32.3	49.6
4500 cfm	EAT (wb)	58	TC	111.1	111.1	126.3	103.8	103.8	118.4	96.1	96.1	110.0	88.2	88.2	101.6	80.2	80.2	92.9
			SHC	96.0	111.1	126.3	89.2	103.8	118.4	82.1	96.1	110.0	74.9	88.2	101.6	67.6	80.2	92.9
		62	TC	112.7	112.7	128.6	105.0	105.0	120.8	97.3	97.3	112.3	89.2	89.2	104.2	80.3	80.3	97.2
			SHC	89.7	109.1	128.6	83.3	102.1	120.8	76.4	94.3	112.3	69.7	87.0	104.2	63.4	80.3	97.2
		67	TC	124.3	124.3	124.3	115.3	115.3	115.3	106.0	106.0	106.0	96.4	96.4	96.4	86.6	86.6	89.4
			SHC	71.2	91.1	111.0	65.9	85.8	105.8	60.5	80.5	100.4	55.1	75.1	95.0	49.5	69.5	89.4
		72	TC	138.2	138.2	138.2	128.6	128.6	128.6	118.7	118.7	118.7	108.6	108.6	108.6	98.3	98.3	98.3
			SHC	51.8	71.3	90.7	46.5	66.1	85.7	41.1	60.8	80.5	35.7	55.5	75.3	30.2	50.1	70.0
		76	TC	—	150.5	150.5	—	140.4	140.4	—	130.0	130.0	—	119.3	119.3	—	108.5	108.5
			SHC	—	55.0	71.5	—	49.9	67.5	—	44.8	63.1	—	39.5	58.4	—	34.2	53.4

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM24 Two Stage Cooling Capacities

50FCQM24				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
6000 cfm	EAT (wb)	58	TC	205.6	205.6	233.9	193.7	193.7	221.0	181.2	181.2	207.3	168.1	168.1	193.1	154.2	154.2	177.9
			SHC	177.3	205.6	233.9	166.5	193.7	221.0	155.0	181.2	207.3	143.1	168.1	193.1	130.5	154.2	177.9
		62	TC	217.8	217.8	222.3	203.5	203.5	213.4	188.3	188.3	204.1	172.4	172.4	194.4	155.9	155.9	184.2
			SHC	159.7	191.0	222.3	150.7	182.0	213.4	141.5	172.8	204.1	132.0	163.2	194.4	122.0	153.1	184.2
		67	TC	242.0	242.0	242.0	226.8	226.8	226.8	210.6	210.6	210.6	193.8	193.8	193.8	176.1	176.1	176.1
			SHC	130.2	161.6	193.0	121.3	152.7	184.1	112.1	143.5	174.9	102.7	134.1	165.5	93.1	124.4	155.8
		72	TC	268.3	268.3	268.3	252.0	252.0	252.0	234.9	234.9	234.9	216.9	216.9	216.9	198.0	198.0	198.0
			SHC	100.2	131.5	162.8	91.4	122.6	153.9	82.2	113.5	144.8	72.9	104.1	135.4	63.2	94.5	125.7
		76	TC	—	290.5	290.5	—	273.4	273.4	—	255.3	255.3	—	236.4	236.4	—	—	—
			SHC	—	106.9	137.1	—	98.1	128.5	—	89.0	119.5	—	79.6	110.2	—	—	—
7000 cfm	EAT (wb)	58	TC	218.8	218.8	248.6	206.2	206.2	234.9	192.9	192.9	220.4	178.9	178.9	205.1	164.5	164.5	189.4
			SHC	189.0	218.8	248.6	177.5	206.2	234.9	165.5	192.9	220.4	152.7	178.9	205.1	139.6	164.5	189.4
		62	TC	225.7	225.7	246.3	210.7	210.7	236.9	195.0	195.0	226.9	181.8	181.8	207.7	168.8	168.8	185.7
			SHC	174.1	210.2	246.3	164.9	200.9	236.9	155.2	191.1	226.9	141.3	174.5	207.7	125.9	155.8	185.7
		67	TC	250.0	250.0	250.0	234.1	234.1	234.1	217.3	217.3	217.3	199.8	199.8	199.8	181.4	181.4	181.4
			SHC	139.6	175.9	212.2	130.6	166.8	203.1	121.3	157.5	193.7	111.7	147.9	184.1	101.9	138.1	174.3
		72	TC	276.5	276.5	276.5	259.6	259.6	259.6	241.7	241.7	241.7	223.0	223.0	223.0	203.4	203.4	203.4
			SHC	104.4	140.5	176.7	95.4	131.5	167.6	86.1	122.2	158.4	76.6	112.7	148.8	66.9	103.0	139.1
		76	TC	—	299.0	299.0	—	281.1	281.1	—	262.3	262.3	—	242.7	242.7	—	—	—
			SHC	—	111.7	146.9	—	102.7	138.0	—	93.5	128.8	—	84.0	119.4	—	—	—
8000 cfm	EAT (wb)	58	TC	229.8	229.8	260.8	216.6	216.6	246.4	202.7	202.7	231.3	188.1	188.1	215.3	172.8	172.8	198.6
			SHC	198.8	229.8	260.8	186.7	216.6	246.4	174.1	202.7	231.3	160.9	188.1	215.3	147.0	172.8	198.6
		62	TC	232.0	232.0	268.1	220.6	220.6	245.6	202.9	202.9	241.1	188.3	188.3	224.7	172.6	172.6	207.0
			SHC	187.2	227.7	268.1	171.9	208.7	245.6	164.7	202.9	241.1	151.9	188.3	224.7	138.2	172.6	207.0
		67	TC	256.1	256.1	256.1	239.7	239.7	239.7	222.3	222.3	222.3	204.3	204.3	204.3	185.4	185.4	192.0
			SHC	148.4	189.4	230.4	139.3	180.2	221.2	129.8	170.8	211.7	120.2	161.1	202.0	110.3	151.2	192.0
		72	TC	282.8	282.8	282.8	265.3	265.3	265.3	246.9	246.9	246.9	227.7	227.7	227.7	207.5	207.5	207.5
			SHC	108.1	148.9	189.8	99.0	139.8	180.6	89.6	130.4	171.2	80.0	120.8	161.6	70.1	110.9	151.7
		76	TC	—	305.3	305.3	—	286.9	286.9	—	267.6	267.6	—	247.4	247.4	—	—	—
			SHC	—	115.9	155.8	—	106.8	146.7	—	97.5	137.5	—	87.9	128.0	—	—	—
9000 cfm	EAT (wb)	58	TC	239.2	239.2	271.2	225.4	225.4	256.2	211.4	211.4	241.0	195.8	195.8	223.9	179.8	179.8	206.4
			SHC	207.1	239.2	271.2	194.5	225.4	256.2	181.8	211.4	241.0	167.7	195.8	223.9	153.2	179.8	206.4
		62	TC	242.8	242.8	271.2	225.6	225.6	266.8	211.1	211.1	250.5	196.0	196.0	233.6	180.0	180.0	215.5
			SHC	191.4	231.3	271.2	184.4	225.6	266.8	171.7	211.1	250.5	158.5	196.0	233.6	144.5	180.0	215.5
		67	TC	261.0	261.0	261.0	244.1	244.1	244.1	226.3	226.3	229.1	207.9	207.9	219.3	188.5	188.5	209.2
			SHC	156.7	202.4	248.0	147.5	193.1	238.7	138.0	183.6	229.1	128.3	173.8	219.3	118.4	163.8	209.2
		72	TC	287.7	287.7	287.7	269.8	269.8	269.8	251.0	251.0	251.0	231.2	231.2	231.2	210.6	210.6	210.6
			SHC	111.3	156.8	202.2	102.2	147.6	193.1	92.7	138.2	183.6	83.0	128.5	173.9	73.1	118.5	163.9
		76	TC	—	310.4	310.4	—	291.5	291.5	—	271.7	271.7	—	251.1	251.1	—	—	—
			SHC	—	119.8	164.2	—	110.6	155.1	—	101.1	145.7	—	91.5	136.0	—	—	—
1000 0 cfm	EAT (wb)	58	TC	247.1	247.1	280.1	232.9	232.9	264.5	217.9	217.9	248.2	202.3	202.3	231.1	185.7	185.7	212.9
			SHC	214.1	247.1	280.1	201.2	232.9	264.5	187.6	217.9	248.2	173.4	202.3	231.1	158.5	185.7	212.9
		62	TC	247.4	247.4	291.4	233.1	233.1	275.5	218.2	218.2	258.7	202.5	202.5	241.0	185.9	185.9	222.3
			SHC	203.3	247.4	291.4	190.8	233.1	275.5	177.7	218.2	258.7	164.0	202.5	241.0	149.5	185.9	222.3
		67	TC	264.9	264.9	265.1	247.7	247.7	255.7	229.6	229.6	246.0	210.8	210.8	236.0	191.1	191.1	225.8
			SHC	164.8	214.9	265.1	155.5	205.6	255.7	145.9	196.0	246.0	136.2	186.1	236.0	126.2	176.0	225.8
		72	TC	291.7	291.7	291.7	273.3	273.3	273.3	254.1	254.1	254.1	234.1	234.1	234.1	—	—	—
			SHC	114.3	164.4	214.4	105.1	155.1	205.1	95.6	145.6	195.5	85.9	135.8	185.8	—	—	—
		76	TC	—	314.5	314.5	—	295.3	295.3	—	275.0	275.0	—	254.0	254.0	—	—	—
			SHC	—	123.2	172.1	—	114.0	163.0	—	104.5	153.5	—	94.8	143.8	—	—	—

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM24 Single Stage Cooling Capacities

50FCQM24				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
3600 cfm	EAT (wb)	58	TC	118.1	118.1	146.7	109.6	109.6	137.2	100.6	100.6	127.2	91.3	91.3	116.6	81.4	81.4	105.4
			SHC	89.5	118.1	146.7	82.0	109.6	137.2	74.1	100.6	127.2	65.9	91.3	116.6	57.4	81.4	105.4
		62	TC	125.5	125.5	142.3	115.2	115.2	135.3	104.4	104.4	128.1	93.5	93.5	120.8	81.9	81.9	112.9
			SHC	78.2	110.3	142.3	71.2	103.3	135.3	64.1	96.1	128.1	56.9	88.9	120.8	49.4	81.1	112.9
		67	TC	141.1	141.1	141.1	130.5	130.5	130.5	119.3	119.3	119.3	107.6	107.6	107.6	95.1	95.1	96.8
			SHC	61.3	93.4	125.6	54.4	86.5	118.6	47.3	79.5	111.6	40.1	72.2	104.3	32.7	64.8	96.8
		72	TC	158.4	158.4	158.4	147.2	147.2	147.2	135.4	135.4	135.4	123.0	123.0	123.0	109.8	109.8	109.8
			SHC	44.1	76.2	108.3	37.3	69.3	101.4	30.3	62.3	94.4	23.1	55.1	87.1	15.7	47.7	79.7
		76	TC	—	173.4	173.4	—	161.6	161.6	—	149.2	149.2	—	136.1	136.1	—	122.3	122.3
			SHC	—	62.2	93.4	—	55.4	86.6	—	48.4	79.7	—	41.1	72.6	—	33.7	65.2
4200 cfm	EAT (wb)	58	TC	126.8	126.8	157.0	117.8	117.8	146.9	131.6	131.6	150.9	98.5	98.5	125.1	88.0	88.0	113.2
			SHC	96.7	126.8	157.0	88.7	117.8	146.9	112.4	131.6	150.9	71.9	98.5	125.1	62.8	88.0	113.2
		62	TC	130.5	130.5	159.6	120.1	120.1	152.4	109.1	109.1	144.7	98.6	98.6	134.2	88.2	88.2	121.9
			SHC	85.4	122.5	159.6	78.4	115.4	152.4	71.1	107.9	144.7	63.0	98.6	134.2	54.5	88.2	121.9
		67	TC	146.5	146.5	146.5	135.3	135.3	135.3	123.7	123.7	125.7	111.4	111.4	118.3	98.5	98.5	110.7
			SHC	65.5	102.7	139.9	58.4	95.6	132.9	51.3	88.5	125.7	43.9	81.1	118.3	36.3	73.5	110.7
		72	TC	164.1	164.1	164.1	152.3	152.3	152.3	140.0	140.0	140.0	127.0	127.0	127.0	113.4	113.4	113.4
			SHC	45.2	82.4	119.6	38.2	75.4	112.5	31.1	68.2	105.3	23.7	60.8	97.9	16.2	53.3	90.4
		76	TC	—	179.2	179.2	—	166.8	166.8	—	153.9	153.9	—	140.3	140.3	—	125.9	125.9
			SHC	—	65.8	102.1	—	58.8	95.2	—	51.7	88.1	—	44.3	80.7	—	36.8	73.2
4800 cfm	EAT (wb)	58	TC	134.1	134.1	165.6	124.8	124.8	155.2	137.0	137.0	156.8	104.5	104.5	132.2	112.2	112.2	129.9
			SHC	102.6	134.1	165.6	94.5	124.8	155.2	117.2	137.0	156.8	76.8	104.5	132.2	94.5	112.2	129.9
		62	TC	134.8	134.8	175.4	124.9	124.9	165.4	115.0	115.0	153.8	104.6	104.6	141.6	93.7	93.7	128.7
			SHC	92.1	133.7	175.4	84.4	124.9	165.4	76.2	115.0	153.8	67.7	104.6	141.6	58.7	93.7	128.7
		67	TC	150.5	150.5	153.8	139.0	139.0	146.6	127.0	127.0	139.3	114.4	114.4	131.8	101.2	101.2	124.0
			SHC	69.3	111.5	153.8	62.2	104.4	146.6	54.9	97.1	139.3	47.4	89.6	131.8	39.8	81.9	124.0
		72	TC	168.3	168.3	168.3	156.1	156.1	156.1	143.4	143.4	143.4	130.0	130.0	130.0	116.0	116.0	116.0
			SHC	45.9	88.2	130.4	38.8	81.0	123.2	31.6	73.7	115.9	24.1	66.2	108.4	16.5	58.6	100.7
		76	TC	—	183.6	183.6	—	170.8	170.8	—	157.5	157.5	—	143.4	143.4	—	128.6	128.6
			SHC	—	69.0	110.3	—	61.9	103.2	—	54.6	95.9	—	47.2	88.5	—	39.5	80.8
5400 cfm	EAT (wb)	58	TC	140.3	140.3	172.9	130.6	130.6	161.9	120.3	120.3	150.4	109.6	109.6	138.2	98.2	98.2	125.2
			SHC	107.7	140.3	172.9	99.2	130.6	161.9	90.3	120.3	150.4	81.0	109.6	138.2	71.2	98.2	125.2
		62	TC	140.5	140.5	184.0	130.7	130.7	172.6	120.5	120.5	160.6	109.7	109.7	147.9	98.4	98.4	134.4
			SHC	97.0	140.5	184.0	88.8	130.7	172.6	80.4	120.5	160.6	71.5	109.7	147.9	62.3	98.4	134.4
		67	TC	153.7	153.7	167.2	142.0	142.0	160.0	129.7	129.7	152.6	116.7	116.7	144.9	103.3	103.3	137.0
			SHC	72.8	120.0	167.2	65.6	112.8	160.0	58.3	105.4	152.6	50.7	97.8	144.9	43.0	90.0	137.0
		72	TC	171.6	171.6	171.6	159.1	159.1	159.1	146.2	146.2	146.2	132.5	132.5	132.5	118.1	118.1	118.1
			SHC	46.4	93.6	140.8	39.2	86.4	133.5	31.9	79.0	126.1	24.4	71.4	118.5	16.7	63.7	110.7
		76	TC	—	187.0	187.0	—	174.0	174.0	—	160.3	160.3	—	145.9	145.9	—	130.8	130.8
			SHC	—	71.9	118.1	—	64.7	110.9	—	57.4	103.5	—	49.8	95.9	—	42.0	88.0
6000 cfm	EAT (wb)	58	TC	145.7	145.7	179.3	135.7	135.7	168.0	125.1	125.1	155.9	113.9	113.9	143.3	102.2	102.2	130.0
			SHC	112.2	145.7	179.3	103.4	135.7	168.0	94.2	125.1	155.9	84.6	113.9	143.3	74.5	102.2	130.0
		62	TC	145.9	145.9	190.7	135.8	135.8	178.9	125.2	125.2	166.5	114.1	114.1	153.3	102.4	102.4	139.4
			SHC	101.1	145.9	190.7	92.7	135.8	178.9	83.9	125.2	166.5	74.8	114.1	153.3	65.3	102.4	139.4
		67	TC	156.4	156.4	180.3	144.4	144.4	173.0	131.9	131.9	165.5	118.6	118.6	157.7	105.0	105.0	149.5
			SHC	76.2	128.3	180.3	69.0	121.0	173.0	61.6	113.5	165.5	53.9	105.8	157.7	46.1	97.8	149.5
		72	TC	174.4	174.4	174.4	161.6	161.6	161.6	148.4	148.4	148.4	134.5	134.5	134.5	119.8	119.8	120.5
			SHC	46.7	98.8	150.8	39.5	91.5	143.5	32.1	84.1	136.1	24.5	76.4	128.4	16.8	68.6	120.5
		76	TC	—	189.8	189.8	—	176.5	176.5	—	162.5	162.5	—	147.9	147.9	—	132.4	132.4
			SHC	—	74.6	125.6	—	67.4	118.3	—	59.9	110.8	—	52.3	103.0	—	44.4	95.0

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM28 Two Stage Cooling Capacities

50FCQM28				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
7500 cfm	EAT (wb)	58	TC	253.6	253.6	277.3	237.2	237.2	269.7	222.7	222.7	253.8	207.4	207.4	237.1	191.5	191.5	219.6
			SHC	213.5	245.4	277.3	204.7	237.2	269.7	191.6	222.7	253.8	177.8	207.4	237.1	163.4	191.5	219.6
		62	TC	266.7	266.7	266.7	249.6	249.6	256.9	231.9	231.9	246.8	213.3	213.3	236.0	194.0	194.0	224.0
			SHC	194.1	230.4	266.7	184.1	220.5	256.9	174.0	210.4	246.8	163.3	199.6	236.0	151.9	188.0	224.0
		67	TC	294.5	294.5	294.5	276.2	276.2	276.2	256.7	256.7	256.7	236.9	236.9	236.9	216.4	216.4	216.4
			SHC	158.7	194.6	230.6	148.7	184.8	220.9	138.3	174.6	210.9	128.0	164.3	200.7	117.4	153.8	190.3
		72	TC	325.2	325.2	325.2	305.0	305.0	305.0	284.2	284.2	284.2	262.7	262.7	262.7	—	—	—
			SHC	123.5	158.0	192.4	113.1	148.1	183.1	102.7	138.1	173.5	92.1	127.9	163.7	—	—	—
		76	TC	—	351.7	351.7	—	330.5	330.5	—	308.0	308.0	—	285.1	285.1	—	—	—
			SHC	—	127.6	168.9	—	117.5	158.8	—	108.4	136.2	—	98.5	131.8	—	—	—
8750 cfm	EAT (wb)	58	TC	265.6	265.6	301.1	251.0	251.0	285.1	235.5	235.5	268.1	219.3	219.3	250.4	202.5	202.5	231.8
			SHC	230.2	265.6	301.1	216.9	251.0	285.1	202.9	235.5	268.1	188.3	219.3	250.4	173.2	202.5	231.8
		62	TC	275.4	275.4	293.9	257.3	257.3	282.7	243.3	243.3	274.8	221.8	221.8	255.0	202.7	202.7	241.9
			SHC	210.3	252.1	293.9	199.5	241.1	282.7	192.5	233.6	274.8	175.4	215.2	255.0	163.5	202.7	241.9
		67	TC	303.2	303.2	303.2	284.0	284.0	284.0	264.1	264.1	264.1	243.4	243.4	243.4	222.1	222.1	222.1
			SHC	168.8	210.3	251.8	158.7	200.3	241.9	148.4	190.1	231.8	137.8	179.6	221.4	127.1	169.0	210.8
		72	TC	333.6	333.6	333.6	312.7	312.7	312.7	291.3	291.3	291.3	269.2	269.2	269.2	—	—	—
			SHC	127.4	167.8	208.2	117.0	157.8	198.6	106.6	147.7	188.7	96.0	137.3	178.6	—	—	—
		76	TC	—	360.2	360.2	—	337.9	337.9	—	314.9	314.9	—	291.0	291.0	—	—	—
			SHC	—	133.1	181.3	—	123.5	160.1	—	113.6	152.3	—	103.3	143.3	—	—	—
1000 0 cfm	EAT (wb)	58	TC	277.9	277.9	314.8	262.4	262.4	297.8	246.0	246.0	279.8	229.1	229.1	261.2	211.3	211.3	241.7
			SHC	241.0	277.9	314.8	227.0	262.4	297.8	212.2	246.0	279.8	197.0	229.1	261.2	181.0	211.3	241.7
		62	TC	282.9	282.9	317.3	264.4	264.4	304.7	253.8	253.8	273.2	234.1	234.1	258.2	212.5	212.5	250.5
			SHC	224.5	270.9	317.3	212.9	258.8	304.7	193.0	233.1	273.2	180.0	219.1	258.2	170.4	210.4	250.5
		67	TC	310.2	310.2	310.2	290.2	290.2	290.2	269.8	269.8	269.8	248.5	248.5	248.5	—	—	—
			SHC	178.4	225.2	272.0	168.1	215.0	261.9	157.7	204.7	251.7	147.1	194.1	241.1	—	—	—
		72	TC	340.4	340.4	340.4	319.0	319.0	319.0	296.9	296.9	296.9	274.2	274.2	274.2	—	—	—
			SHC	131.1	177.0	223.0	120.7	166.9	213.1	110.2	156.6	203.0	99.5	146.1	192.7	—	—	—
		76	TC	—	366.8	366.8	—	343.9	343.9	—	320.0	320.0	—	295.7	295.7	—	—	—
			SHC	—	138.1	180.3	—	128.2	172.1	—	117.9	162.9	—	107.5	153.3	—	—	—
1125 0 cfm	EAT (wb)	58	TC	288.0	288.0	326.0	271.8	271.8	308.2	254.8	254.8	289.6	237.1	237.1	270.1	219.0	219.0	250.2
			SHC	249.9	288.0	326.0	235.3	271.8	308.2	220.0	254.8	289.6	204.1	237.1	270.1	187.8	219.0	250.2
		62	TC	289.6	289.6	334.9	274.7	274.7	312.9	259.0	259.0	289.6	238.2	238.2	279.2	219.1	219.1	260.8
			SHC	235.5	285.2	334.9	219.7	266.3	312.9	203.0	246.3	289.6	192.2	235.7	279.2	177.4	219.1	260.8
		67	TC	315.7	315.7	315.7	295.2	295.2	295.2	274.1	274.1	274.1	252.4	252.4	260.1	—	—	—
			SHC	187.5	239.5	291.5	177.2	229.2	281.3	166.6	218.7	270.8	156.0	208.0	260.1	—	—	—
		72	TC	345.8	345.8	345.8	323.9	323.9	323.9	301.4	301.4	301.4	278.1	278.1	278.1	—	—	—
			SHC	134.4	185.6	236.8	123.9	175.4	226.8	113.4	165.0	216.6	102.7	154.4	206.2	—	—	—
		76	TC	—	372.3	372.3	—	348.6	348.6	—	324.0	324.0	—	299.3	299.3	—	—	—
			SHC	—	142.3	191.1	—	132.2	182.0	—	121.7	172.3	—	111.2	162.4	—	—	—
1250 0 cfm	EAT (wb)	58	TC	296.7	296.7	335.7	279.8	279.8	317.2	262.4	262.4	298.1	244.3	244.3	278.1	—	—	—
			SHC	257.6	296.7	335.7	242.4	279.8	317.2	226.8	262.4	298.1	210.4	244.3	278.1	—	—	—
		62	TC	301.5	301.5	334.8	282.2	282.2	323.6	263.8	263.8	307.4	244.4	244.4	289.6	—	—	—
			SHC	238.1	286.5	334.8	227.1	275.4	323.6	213.7	260.5	307.4	199.2	244.4	289.6	—	—	—
		67	TC	320.2	320.2	320.2	299.3	299.3	299.9	277.8	277.8	289.3	255.7	255.7	278.3	—	—	—
			SHC	196.3	253.2	310.2	185.9	242.9	299.9	175.3	232.3	289.3	164.5	221.4	278.3	—	—	—
		72	TC	350.3	350.3	350.3	328.2	328.2	328.2	305.0	305.0	305.0	281.3	281.3	281.3	—	—	—
			SHC	137.4	193.7	250.1	127.0	183.5	240.0	116.3	173.0	229.6	105.6	162.3	219.1	—	—	—
		76	TC	—	376.4	376.4	—	352.2	352.2	—	327.5	327.5	—	302.6	302.6	—	—	—
			SHC	—	146.1	200.6	—	135.7	191.0	—	125.2	181.1	—	114.7	170.9	—	—	—

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM28 Single Stage Cooling Capacities

50FCQM28				AMBIENT TEMPERATURE (°F)															
				85			95			105			115			125		
				EAT (db)			EAT (db)			EAT (db)			EAT (db)			EAT (db)		
				75	80	85	75	80	85	75	80	85	75	80	85	75	80	85
4500 cfm	EAT (wb)	58	TC	147.5	147.5	168.2	137.8	137.8	157.8	128.0	128.0	147.1	117.5	117.5	135.8	106.3	106.3	123.7
			SHC	126.7	147.5	168.2	117.9	137.8	157.8	108.8	128.0	147.1	99.1	117.5	135.8	88.9	106.3	123.7
		62	TC	156.5	156.5	160.3	145.0	145.0	152.9	133.1	133.1	145.3	120.4	120.4	137.2	107.2	107.2	128.4
			SHC	114.2	137.2	160.3	106.7	129.8	152.9	99.2	122.2	145.3	91.2	114.2	137.2	82.8	105.6	128.4
		67	TC	175.1	175.1	175.1	162.7	162.7	162.7	149.9	149.9	149.9	136.4	136.4	136.4	122.3	122.3	122.3
			SHC	93.0	115.8	138.7	85.5	108.4	131.3	77.9	100.9	123.8	70.1	93.1	116.1	62.1	85.1	108.2
		72	TC	195.4	195.4	195.4	182.2	182.2	182.2	168.4	168.4	168.4	154.0	154.0	154.0	138.7	138.7	138.7
			SHC	71.9	94.1	116.2	64.4	86.7	109.1	56.6	79.1	101.6	48.7	71.4	94.0	40.6	63.4	86.2
		76	TC	—	213.2	213.2	—	199.0	199.0	—	184.2	184.2	—	169.0	169.0	—	153.4	153.4
			SHC	—	75.5	100.2	—	68.6	93.4	—	61.2	80.3	—	53.7	74.4	—	46.0	67.6
5250 cfm	EAT (wb)	58	TC	157.4	157.4	179.2	147.3	147.3	168.3	136.7	136.7	156.9	125.5	125.5	144.7	113.7	113.7	131.9
			SHC	135.6	157.4	179.2	126.2	147.3	168.3	116.6	136.7	156.9	106.3	125.5	144.7	95.5	113.7	131.9
		62	TC	162.4	162.4	178.0	150.4	150.4	170.2	138.0	138.0	161.6	125.7	125.7	151.4	113.9	113.9	138.2
			SHC	124.9	151.4	178.0	117.2	143.7	170.2	109.0	135.3	161.6	100.0	125.7	151.4	89.6	113.9	138.2
		67	TC	181.1	181.1	181.1	168.2	168.2	168.2	154.9	154.9	154.9	140.8	140.8	140.8	126.1	126.1	126.1
			SHC	100.1	126.6	153.1	92.5	119.1	145.6	84.8	111.4	138.0	76.8	103.4	130.0	68.7	95.4	122.0
		72	TC	201.9	201.9	201.9	188.1	188.1	188.1	173.8	173.8	173.8	158.7	158.7	158.7	142.9	142.9	142.9
			SHC	75.3	101.2	127.1	67.6	93.7	119.8	59.8	86.0	112.2	51.8	78.1	104.4	43.5	69.9	96.4
		76	TC	—	219.7	219.7	—	204.9	204.9	—	189.7	189.7	—	173.7	173.7	—	157.3	157.3
			SHC	—	80.3	102.0	—	72.8	96.4	—	65.2	89.7	—	57.4	82.5	—	49.4	75.0
6000 cfm	EAT (wb)	58	TC	165.8	165.8	188.5	155.1	155.1	176.9	144.0	144.0	164.9	132.3	132.3	152.2	119.8	119.8	138.6
			SHC	143.0	165.8	188.5	133.2	155.1	176.9	123.0	144.0	164.9	112.3	132.3	152.2	101.0	119.8	138.6
		62	TC	167.2	167.2	193.6	156.9	156.9	180.9	145.2	145.2	169.4	133.0	133.0	159.8	120.3	120.3	145.5
			SHC	134.4	164.0	193.6	124.5	152.7	180.9	115.0	142.2	169.4	106.3	133.0	159.8	95.1	120.3	145.5
		67	TC	185.9	185.9	185.9	172.6	172.6	172.6	158.7	158.7	158.7	144.2	144.2	144.2	128.9	128.9	135.2
			SHC	106.9	136.9	166.9	99.2	129.2	159.3	91.3	121.4	151.4	83.3	113.5	143.7	74.9	105.0	135.2
		72	TC	206.8	206.8	206.8	192.5	192.5	192.5	177.7	177.7	177.7	162.4	162.4	162.4	145.7	145.7	145.7
			SHC	78.2	107.8	137.3	70.5	100.2	129.8	62.6	92.3	122.1	54.5	84.3	114.2	46.1	76.0	106.0
		76	TC	—	224.6	224.6	—	209.6	209.6	—	193.8	193.8	—	177.4	177.4	—	160.4	160.4
			SHC	—	84.0	111.2	—	76.5	104.4	—	68.7	97.2	—	60.7	89.6	—	52.6	81.8
6750 cfm	EAT (wb)	58	TC	172.9	172.9	196.4	161.8	161.8	184.4	150.2	150.2	171.8	137.9	137.9	158.5	125.0	125.0	144.4
			SHC	149.3	172.9	196.4	139.2	161.8	184.4	128.6	150.2	171.8	117.4	137.9	158.5	105.6	125.0	144.4
		62	TC	173.2	173.2	203.8	162.0	162.0	191.7	150.4	150.4	179.2	138.2	138.2	165.7	125.2	125.2	151.1
			SHC	141.3	172.5	203.8	131.5	161.6	191.7	121.5	150.4	179.2	110.8	138.2	165.7	99.2	125.2	151.1
		67	TC	189.7	189.7	189.7	176.0	176.0	176.0	161.7	161.7	164.5	146.8	146.8	156.3	131.2	131.2	148.0
			SHC	113.3	146.7	180.2	105.4	139.0	172.5	97.5	131.0	164.5	89.3	122.8	156.3	81.0	114.5	148.0
		72	TC	210.8	210.8	210.8	195.9	195.9	195.9	180.9	180.9	180.9	164.9	164.9	164.9	148.2	148.2	148.2
			SHC	81.0	114.0	147.0	73.1	106.2	139.4	65.1	98.3	131.6	56.9	90.3	123.6	48.5	81.9	115.3
		76	TC	—	229.0	229.0	—	213.4	213.4	—	197.2	197.2	—	180.6	180.6	—	162.9	162.9
			SHC	—	87.5	118.9	—	79.8	111.6	—	71.9	104.1	—	63.9	96.4	—	55.5	88.3
7500 cfm	EAT (wb)	58	TC	178.9	178.9	203.1	167.5	167.5	190.7	155.5	155.5	177.7	142.8	142.8	163.9	129.5	129.5	149.4
			SHC	154.7	178.9	203.1	144.2	167.5	190.7	133.3	155.5	177.7	121.7	142.8	163.9	109.6	129.5	149.4
		62	TC	179.2	179.2	211.5	167.6	167.6	198.7	155.7	155.7	185.3	143.6	143.6	171.9	129.6	129.6	156.1
			SHC	146.8	179.2	211.5	136.6	167.6	198.7	126.0	155.7	185.3	115.3	143.6	171.9	103.0	129.6	156.1
		67	TC	192.8	192.8	193.0	178.7	178.7	185.1	164.3	164.3	177.1	150.0	150.0	169.1	133.0	133.0	159.8
			SHC	119.3	156.1	193.0	111.4	148.2	185.1	103.4	140.3	177.1	95.5	132.3	169.1	86.5	123.1	159.8
		72	TC	214.1	214.1	214.1	198.9	198.9	198.9	183.4	183.4	183.4	167.1	167.1	167.1	150.1	150.1	150.1
			SHC	83.5	120.0	156.4	75.5	112.1	148.6	67.5	104.2	140.8	59.2	95.9	132.6	50.8	87.5	124.3
		76	TC	—	232.2	232.2	—	216.3	216.3	—	199.9	199.9	—	182.7	182.7	—	165.0	165.0
			SHC	—	90.6	125.6	—	82.8	118.2	—	74.8	110.5	—	66.6	102.6	—	58.3	94.4

LEGEND

— — Do Not Operate
cfm — Cubic Feet Per Minute (Supply Air)
EAT (db) — Entering Air Temperature (dry bulb)
EAT (wb) — Entering Air Temperature (wet bulb)
SHC — Sensible Heat Capacity (1000 Btuh) Gross
TC — Total Capacity (1000 Btuh) Gross

NOTE: See minimum-maximum airflow ratings on page 6.

Performance data (cont)

50FCQM17 Heating Capacities

50FCQM17 (15 Tons)											
Return Air (°F db)	CFM (Standard Air)		Temperature Air Entering Outdoor Coil (°F db at 70% rh)								
			-10	0	10	17	30	40	47	50	60
55	4500	Capacity	—	63.2	85.4	97.9	122.4	149.4	165.1	170.5	193.4
		Int. Cap.	—	58.1	78.4	89.2	107.3	149.4	165.1	170.5	193.4
	6000	Capacity	—	65.0	87.7	100.6	126.4	153.9	170.8	176.4	201.3
		Int. Cap.	—	59.8	80.5	91.7	110.8	153.9	170.8	176.4	201.3
	7500	Capacity	—	67.0	89.7	102.9	129.5	157.3	174.9	180.7	206.8
		Int. Cap.	—	61.6	82.3	93.8	113.4	157.3	174.9	180.7	206.8
70	4500	Capacity	42.1	57.2	79.8	91.8	115.2	142.5	157.4	162.7	184.3
		Int. Cap.	38.9	52.7	73.3	83.7	100.9	142.5	157.4	162.7	184.3
	6000	Capacity	43.8	59.3	82.2	94.6	119.1	147.0	162.8	168.3	191.6
		Int. Cap.	40.5	54.6	75.5	86.3	104.4	147.0	162.8	168.3	191.6
	7500	Capacity	45.5	61.4	84.3	97.0	122.2	150.3	166.8	172.5	196.9
		Int. Cap.	42.1	56.5	77.4	88.4	107.1	150.3	166.8	172.5	196.9
80	4500	Capacity	38.1	52.8	75.9	87.5	110.3	138.1	152.4	157.6	178.2
		Int. Cap.	35.2	48.6	69.7	79.8	96.6	138.1	152.4	157.6	178.2
	6000	Capacity	39.9	55.1	78.4	90.3	114.2	142.4	157.6	163.0	185.3
		Int. Cap.	36.9	50.7	72.0	82.4	100.1	142.4	157.6	163.0	185.3
	7500	Capacity	42.5	57.1	80.5	92.7	117.2	145.7	161.5	167.1	190.5
		Int. Cap.	39.3	52.5	73.8	84.5	102.7	145.7	161.5	167.1	190.5

LEGEND

— — Do Not Operate
Capacity — Instantaneous Capacity (1000 Btuh) — includes indoor fan motor heat at AHRI static conditions
Int. Cap. — Integrated Capacity = instantaneous capacity minus the effects of frost on the OD coil and the heat required to defrost it
rh — Relative Humidity
db — Dry Bulb

50FCQM24 Heating Capacities

50FCQM24 (20 Tons)											
Return Air (°F db)	CFM (Standard Air)		Temperature Air Entering Outdoor Coil (°F db at 70% rh)								
			-10	0	10	17	30	40	47	50	60
55	6000	Capacity	—	89.5	121.0	140.6	181.0	220.7	245.6	254.0	292.4
		Int. Cap.	—	82.4	111.1	128.2	158.6	220.7	245.6	254.0	292.4
	8000	Capacity	—	92.4	123.9	144.0	185.9	227.2	253.9	262.9	305.0
		Int. Cap.	—	85.0	113.7	131.3	162.9	227.2	253.9	262.9	305.0
	10000	Capacity	—	95.0	126.6	146.8	189.4	231.2	259.2	268.3	312.7
		Int. Cap.	—	87.4	116.2	133.9	166.0	231.2	259.2	268.3	312.7
70	6000	Capacity	56.8	80.0	111.6	130.7	169.5	208.9	232.7	240.7	276.7
		Int. Cap.	52.6	73.6	102.4	119.2	148.5	208.9	232.7	240.7	276.7
	8000	Capacity	59.5	82.9	114.6	134.2	174.7	215.5	241.1	249.8	289.5
		Int. Cap.	55.0	76.3	105.2	122.4	153.0	215.5	241.1	249.8	289.5
	10000	Capacity	62.3	85.4	117.3	137.1	178.2	219.7	246.3	255.4	297.4
		Int. Cap.	57.6	78.6	107.7	125.0	156.2	219.7	246.3	255.4	297.4
80	6000	Capacity	50.0	72.9	105.0	123.8	161.5	200.9	223.8	231.6	265.9
		Int. Cap.	46.2	67.1	96.3	112.9	141.5	200.9	223.8	231.6	265.9
	8000	Capacity	52.7	76.0	108.0	127.4	167.0	207.7	232.3	240.9	278.8
		Int. Cap.	48.8	69.9	99.1	116.2	146.3	207.7	232.3	240.9	278.8
	10000	Capacity	55.3	78.7	110.9	130.4	170.5	211.9	237.7	246.5	286.9
		Int. Cap.	51.2	72.4	101.8	118.9	149.4	211.9	237.7	246.5	286.9

LEGEND

— — Do Not Operate
Capacity — Instantaneous Capacity (1000 Btuh) — includes indoor fan motor heat at AHRI static conditions
Int. Cap. — Integrated Capacity = instantaneous capacity minus the effects of frost on the OD coil and the heat required to defrost it
rh — Relative Humidity
db — Dry Bulb

Performance data (cont)

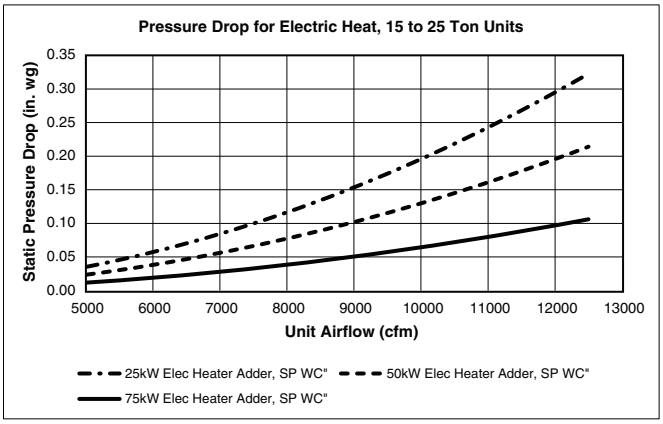
50FCQM28 Heating Capacities

50FCQM28 (25 Tons)											
Return Air (°F db)	CFM (Standard Air)		Temperature Air Entering Outdoor Coil (°F db at 70% rh)								
			-10	0	10	17	30	40	47	50	60
55	7500	Capacity	—	121.3	153.9	175.2	219.1	260.4	287.9	297.1	339.8
		Int. Cap.	—	111.6	141.3	159.8	191.9	260.4	287.9	297.1	339.8
	10000	Capacity	—	124.9	157.5	179.1	224.4	267.1	296.4	306.0	351.8
		Int. Cap.	—	114.9	144.6	163.3	196.6	267.1	296.4	306.0	351.8
	12500	Capacity	—	129.0	161.6	183.3	229.2	272.7	302.9	312.8	360.5
		Int. Cap.	—	118.7	148.4	167.1	200.8	272.7	302.9	312.8	360.5
70	7500	Capacity	—	112.9	145.8	166.6	208.9	249.7	275.8	284.4	324.7
		Int. Cap.	—	103.9	133.8	151.9	183.1	249.7	275.8	284.4	324.7
	10000	Capacity	—	116.4	149.5	170.9	214.6	256.5	284.3	293.6	336.8
		Int. Cap.	—	107.1	137.3	155.8	188.0	256.5	284.3	293.6	336.8
	12500	Capacity	—	120.8	153.8	175.4	219.6	262.2	290.8	300.5	345.8
		Int. Cap.	—	111.2	141.2	159.9	192.4	262.2	290.8	300.5	345.8
80	7500	Capacity	—	107.1	140.1	160.6	202.0	242.2	267.6	276.0	314.3
		Int. Cap.	—	98.6	128.5	146.4	177.0	242.2	267.6	276.0	314.3
	10000	Capacity	—	110.9	144.0	164.9	207.9	249.3	276.3	285.3	326.7
		Int. Cap.	—	102.0	132.2	150.3	182.1	249.3	276.3	285.3	326.7
	12500	Capacity	—	114.8	148.5	169.4	212.9	254.9	283.1	292.2	335.9
		Int. Cap.	—	105.7	136.3	154.5	186.5	254.9	283.1	292.2	335.9

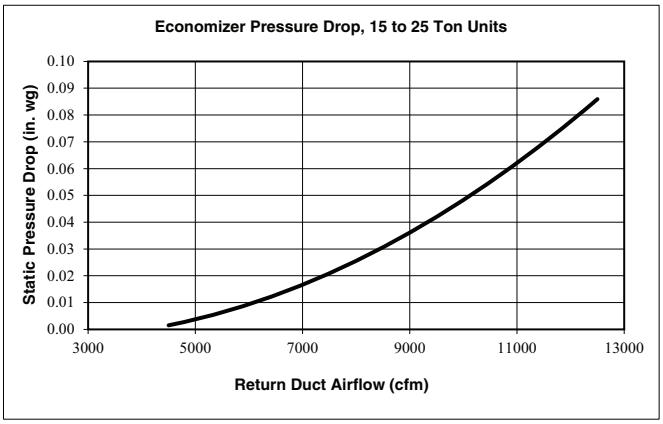
LEGEND

— — Do Not Operate
Capacity — Instantaneous Capacity (1000 Btuh) — includes indoor fan motor heat at AHRI static conditions
Int. Cap. — Integrated Capacity = instantaneous capacity minus the effects of frost on the OD coil and the heat required to defrost it
rh — Relative Humidity
db — Dry Bulb

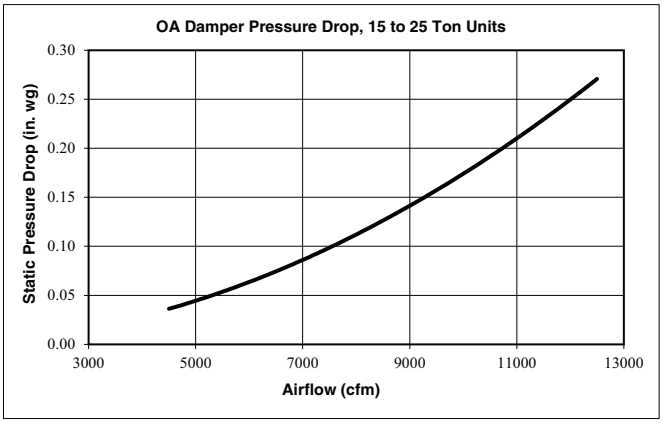
Pressure Drop for Electric Heating Units
15 to 25 Ton Units



Static Pressure Drop — Accessory Economizer
15 to 25 Ton Units



Outside Air Damper Leakage
15 to 25 Ton Units



General Fan Performance Notes

1. Interpolation is permissible. Do not extrapolate.
2. External static pressure is the static pressure difference between the return duct and the supply duct plus the static pressure caused by any FIOPs or accessories.
3. Tabular data accounts for pressure loss due to clean filters, unit casing, and wet coils.
4. Factory options and accessories may effect static pressure losses. Selection software is available, through your salesperson, to help you select the best motor/drive combination for your application.
5. The fan performance tables offer motor/drive recommendations. In cases when 2 motor/drive combinations would work, the lower horsepower option is recommended.
6. For information on the electrical properties of the fan motors, please see the Electrical information section of this book.
7. For more information on the performance limits of the fan motors, see the application data section of this book.
8. The EPACT (Energy Policy Act of 1992) regulates energy requirements for specific types of indoor fan motors. Motors regulated by EPACT include any general purpose, T-frame (3-digit, 143 and larger), single-speed, foot mounted, polyphase, squirrel cage induction motors of NEMA (National Electrical Manufacturers Association) design A and B, manufactured for use in the United States. Ranging from 1 to 200 Hp, these continuous-duty motors operate on 230 and 460 volt, 60 Hz power. If a motor does not fit into these specifications, the motor does not have to be replaced by an EPACT compliant energy-efficient motor. Variable-speed motors are exempt from EPACT compliance requirements.

Fan data (cont)

50FCQM17 — 15 Ton Vertical Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
4500	936	0.61	1065	0.90	1180	1.23	1285	1.59	1380	1.97
4875	991	0.73	1112	1.03	1224	1.37	1325	1.74	1418	2.14
5250	1048	0.86	1161	1.18	1268	1.53	1366	1.91	1457	2.32
5625	1106	1.02	1211	1.34	1314	1.71	1410	2.11	1498	2.53
6000	1166	1.19	1263	1.52	1362	1.90	1454	2.31	1540	2.75
6375	1226	1.38	1317	1.72	1410	2.11	1499	2.53	1584	2.99
6750	1287	1.59	1371	1.93	1460	2.33	1546	2.76	1628	3.23
7125	1349	1.82	1428	2.16	1511	2.56	1594	3.01	1674	3.48
7500	1412	2.07	1485	2.40	1563	2.80	1643	3.26	1721	3.74

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
4500	1470	2.38	1554	2.81	1634	3.27	1710	3.74	1782	4.24
4875	1505	2.55	1588	3.00	1666	3.46	1741	3.95	1812	4.46
5250	1542	2.75	1623	3.21	1700	3.69	1773	4.18	1844	4.71
5625	1581	2.97	1660	3.44	1735	3.93	1807	4.44	1876	4.97
6000	1622	3.21	1699	3.69	1772	4.19	1843	4.71	1911	5.25
6375	1663	3.46	1739	3.95	1811	4.46	1880	4.99	1946	5.54
6750	1706	3.71	1780	4.22	1850	4.74	1918	5.28	1983	5.83
7125	1750	3.98	1822	4.49	1891	5.02	1958	5.57	2022	6.14
7500	1794	4.24	1866	4.77	1933	5.30	1999	5.86	—	—

Std/Med Static 936-2000 rpm, 4.8 Max bhp (2.4 Max bhp per fan motor)

High Static 936-2200 rpm, 6.0 Max bhp (3.0 Max bhp per fan motor)

50FCQM17 — Standard/Medium Static — 15 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	936	4.5	1065	5.2	1180	5.8	1285	6.3	1380	6.8
4875	991	4.8	1112	5.4	1224	6.0	1325	6.5	1418	7.0
5250	1048	5.1	1161	5.7	1268	6.2	1366	6.7	1457	7.2
5625	1106	5.4	1211	5.9	1314	6.5	1410	7.0	1498	7.4
6000	1166	5.7	1263	6.2	1362	6.7	1454	7.2	1540	7.6
6375	1226	6.0	1317	6.5	1410	7.0	1499	7.4	1584	7.9
6750	1287	6.3	1371	6.8	1460	7.2	1546	7.7	1628	8.1
7125	1349	6.7	1428	7.1	1511	7.5	1594	7.9	1674	8.3
7500	1412	7.0	1485	7.4	1563	7.8	1643	8.2	1721	8.6

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	1470	7.3	1554	7.7	1634	8.1	1710	8.5	1782	8.9
4875	1505	7.5	1588	7.9	1666	8.3	1741	8.7	1812	9.0
5250	1542	7.6	1623	8.1	1700	8.5	1773	8.8	1844	9.2
5625	1581	7.8	1660	8.3	1735	8.6	1807	9.0	1876	9.4
6000	1622	8.1	1699	8.5	1772	8.8	1843	9.2	—	—
6375	1663	8.3	1739	8.7	1811	9.0	1880	9.4	—	—
6750	1706	8.5	1780	8.9	1850	9.2	—	—	—	—
7125	1750	8.7	1822	9.1	1891	9.4	—	—	—	—
7500	1794	8.9	1866	9.3	—	—	—	—	—	—

Std/Med Static 936-2000 rpm

Fan data (cont)

50FCQM17 — High Static — 15 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	936	4.2	1065	4.8	1180	5.3	1285	5.8	1380	6.2
4875	991	4.4	1112	5.0	1224	5.5	1325	6.0	1418	6.4
5250	1048	4.7	1161	5.2	1268	5.7	1366	6.2	1457	6.6
5625	1106	5.0	1211	5.4	1314	5.9	1410	6.4	1498	6.8
6000	1166	5.2	1263	5.7	1362	6.1	1454	6.6	1540	7.0
6375	1226	5.5	1317	5.9	1410	6.4	1499	6.8	1584	7.2
6750	1287	5.8	1371	6.2	1460	6.6	1546	7.0	1628	7.4
7125	1349	6.1	1428	6.4	1511	6.8	1594	7.2	1674	7.6
7500	1412	6.4	1485	6.7	1563	7.1	1643	7.4	1721	7.8

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	1470	6.6	1554	7.0	1634	7.4	1710	7.7	1782	8.1
4875	1505	6.8	1588	7.2	1666	7.5	1741	7.9	1812	8.2
5250	1542	7.0	1623	7.3	1700	7.7	1773	8.0	1844	8.4
5625	1581	7.1	1660	7.5	1735	7.9	1807	8.2	1876	8.5
6000	1622	7.3	1699	7.7	1772	8.0	1843	8.4	1911	8.7
6375	1663	7.5	1739	7.9	1811	8.2	1880	8.5	1946	8.8
6750	1706	7.7	1780	8.1	1850	8.4	1918	8.7	1983	9.0
7125	1750	7.9	1822	8.3	1891	8.6	1958	8.9	2022	9.2
7500	1794	8.1	1866	8.5	1933	8.8	1999	9.1	—	—

High Static 936-2200 rpm

Fan data (cont)

50FCQM24 — 20 Ton Vertical Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
6,000	1038	0.84	1148	1.14	1251	1.47	1351	1.86	1448	2.28
6,500	1103	1.01	1207	1.32	1304	1.66	1398	2.05	1490	2.48
7,000	1169	1.19	1269	1.52	1360	1.87	1448	2.26	1535	2.69
7,500	1234	1.38	1332	1.74	1418	2.09	1501	2.48	1583	2.91
8,000	1299	1.58	1395	1.95	1478	2.32	1557	2.72	1634	3.14
8,500	1364	1.78	1459	2.18	1540	2.56	1615	2.95	1689	3.37
9,000	1427	1.97	1524	2.40	1602	2.79	1674	3.18	1745	3.60
9,500	1491	2.17	1589	2.62	1665	3.02	1735	3.41	1802	3.83
10,000	1553	2.36	1653	2.84	1729	3.25	1797	3.65	1862	4.06

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
6,000	1539	2.74	1624	3.22	1703	3.72	1777	4.22	1847	4.74
6,500	1578	2.95	1662	3.44	1741	3.96	1816	4.49	1887	5.04
7,000	1619	3.16	1701	3.66	1779	4.19	1854	4.74	1924	5.30
7,500	1663	3.38	1742	3.88	1818	4.41	1892	4.97	1962	5.55
8,000	1711	3.60	1786	4.10	1859	4.62	1931	5.18	2000	5.76
8,500	1761	3.83	1832	4.31	1903	4.83	1972	5.37	2039	5.94
9,000	1813	4.04	1882	4.52	1949	5.02	2015	5.55	2081	6.11
9,500	1868	4.26	1933	4.72	1998	5.21	2061	5.72	2124	6.27
10,000	1925	4.49	1987	4.94	2049	5.41	2110	5.91	2170	6.43

Std/Med Static 1038-2000 rpm, 4.8 Max bhp (2.4 Max bhp per fan motor)

High Static 1038-2200 rpm, 10.0 Max bhp (5.0 Max bhp per fan motor)

50FCQM24 — Standard/Medium Static — 20 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1038	5.1	1148	5.6	1251	6.1	1351	6.7	1448	7.2
6,500	1103	5.4	1207	5.9	1304	6.4	1398	6.9	1490	7.4
7,000	1169	5.7	1269	6.2	1360	6.7	1448	7.2	1535	7.6
7,500	1234	6.1	1332	6.6	1418	7.0	1501	7.4	1583	7.9
8,000	1299	6.4	1395	6.9	1478	7.3	1557	7.7	1634	8.1
8,500	1364	6.7	1459	7.2	1540	7.6	1615	8.0	1689	8.4
9,000	1427	7.1	1524	7.6	1602	8.0	1674	8.3	1745	8.7
9,500	1491	7.4	1589	7.9	1665	8.3	1735	8.6	1802	9.0
10,000	1553	7.7	1653	8.2	1729	8.6	1797	9.0	1862	9.3

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1539	7.6	1624	8.1	1703	8.5	1777	8.9	1847	9.2
6,500	1578	7.8	1662	8.3	1741	8.7	1816	9.1	1887	9.4
7,000	1619	8.0	1701	8.5	1779	8.9	1854	9.2	—	—
7,500	1663	8.3	1742	8.7	1818	9.1	1892	9.4	—	—
8,000	1711	8.5	1786	8.9	1859	9.3	—	—	—	—
8,500	1761	8.8	1832	9.1	1903	9.5	—	—	—	—
9,000	1813	9.0	1882	9.4	1949	9.7	—	—	—	—
9,500	1868	9.3	1933	9.7	—	—	—	—	—	—
10,000	1925	9.6	1987	9.9	—	—	—	—	—	—

Std/Med Static 1038-2000 rpm

Fan data (cont)

50FCQM24 — High Static — 20 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1038	4.6	1148	5.1	1251	5.6	1351	6.1	1448	6.5
6,500	1103	4.9	1207	5.4	1304	5.9	1398	6.3	1490	6.7
7,000	1169	5.2	1269	5.7	1360	6.1	1448	6.5	1535	6.9
7,500	1234	5.5	1332	6.0	1418	6.4	1501	6.8	1583	7.2
8,000	1299	5.8	1395	6.3	1478	6.7	1557	7.0	1634	7.4
8,500	1364	6.1	1459	6.6	1540	7.0	1615	7.3	1689	7.6
9,000	1427	6.4	1524	6.9	1602	7.2	1674	7.6	1745	7.9
9,500	1491	6.7	1589	7.2	1665	7.5	1735	7.9	1802	8.2
10,000	1553	7.0	1653	7.5	1729	7.8	1797	8.1	1862	8.4

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1539	6.9	1624	7.3	1703	7.7	1777	8.0	1847	8.4
6,500	1578	7.1	1662	7.5	1741	7.9	1816	8.2	1887	8.6
7,000	1619	7.3	1701	7.7	1779	8.1	1854	8.4	1924	8.7
7,500	1663	7.5	1742	7.9	1818	8.2	1892	8.6	1962	8.9
8,000	1711	7.7	1786	8.1	1859	8.4	1931	8.8	2000	9.1
8,500	1761	8.0	1832	8.3	1903	8.6	1972	8.9	2039	9.3
9,000	1813	8.2	1882	8.5	1949	8.8	2015	9.1	2081	9.5
9,500	1868	8.5	1933	8.8	1998	9.1	2061	9.4	2124	9.6
10,000	1925	8.7	1987	9.0	2049	9.3	2110	9.6	2170	9.9

High Static 1038-2200 rpm

Fan data (cont)

50FCQM28 — 25 Ton Vertical Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
7,500	1099	1.27	1174	1.55	1256	1.90	1343	2.32	1433	2.82
8,125	1177	1.58	1246	1.87	1319	2.22	1397	2.64	1479	3.13
8,750	1256	1.92	1319	2.23	1385	2.58	1456	3.00	1530	3.48
9,375	1337	2.32	1394	2.63	1455	2.99	1519	3.40	1586	3.87
10,000	1417	2.74	1471	3.06	1526	3.42	1585	3.83	1646	4.29
10,625	1498	3.18	1548	3.51	1600	3.88	1654	4.28	1710	4.73
11,250	1579	3.65	1626	3.98	1675	4.36	1725	4.76	1777	5.20
11,875	1661	4.17	1705	4.51	1751	4.88	1798	5.29	1846	5.72
12,500	1743	4.78	1785	5.14	1828	5.52	1872	5.93	1917	6.37

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
7,500	1521	3.38	1604	3.96	1683	4.58	1757	5.21	1828	5.86
8,125	1561	3.68	1642	4.28	1720	4.92	1794	5.58	1864	6.26
8,750	1606	4.02	1683	4.63	1758	5.28	1830	5.95	1900	6.66
9,375	1655	4.40	1727	5.00	1798	5.64	1869	6.33	1937	7.05
10,000	1710	4.81	1776	5.39	1843	6.02	1910	6.70	1976	7.42
10,625	1769	5.24	1829	5.79	1891	6.40	1954	7.06	2018	7.78
11,250	1831	5.69	1887	6.23	1944	6.81	2003	7.45	2063	8.14
11,875	1896	6.20	1948	6.72	2001	7.29	2056	7.90	2111	8.56
12,500	1964	6.85	2012	7.36	2061	7.91	2112	8.51	2164	9.16

Std/Med Static 1099-2200 rpm, 6.0 Max bhp (3.0 Max bhp per fan motor)

High Static 1099-2200 rpm, 10.0 Max bhp (5.0 Max bhp per fan motor)

50FCQM28 — Standard/Medium Static — 25 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1099	4.9	1174	5.3	1256	5.6	1343	6.0	1433	6.5
8,125	1177	5.3	1246	5.6	1319	5.9	1397	6.3	1479	6.7
8,750	1256	5.6	1319	5.9	1385	6.2	1456	6.6	1530	6.9
9,375	1337	6.0	1394	6.3	1455	6.6	1519	6.9	1586	7.2
10,000	1417	6.4	1471	6.6	1526	6.9	1585	7.2	1646	7.4
10,625	1498	6.8	1548	7.0	1600	7.2	1654	7.5	1710	7.7
11,250	1579	7.1	1626	7.4	1675	7.6	1725	7.8	1777	8.0
11,875	1661	7.5	1705	7.7	1751	7.9	1798	8.1	1846	8.4
12,500	1743	7.9	1785	8.1	1828	8.3	1872	8.5	1917	8.7

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1521	6.9	1604	7.2	1683	7.6	1757	8.0	1828	8.3
8,125	1561	7.1	1642	7.4	1720	7.8	1794	8.1	1864	8.4
8,750	1606	7.3	1683	7.6	1758	8.0	1830	8.3	—	—
9,375	1655	7.5	1727	7.8	1798	8.1	1869	8.5	—	—
10,000	1710	7.7	1776	8.0	1843	8.4	—	—	—	—
10,625	1769	8.0	1829	8.3	1891	8.6	—	—	—	—
11,250	1831	8.3	1887	8.6	—	—	—	—	—	—
11,875	1896	8.6	—	—	—	—	—	—	—	—
12,500	—	—	—	—	—	—	—	—	—	—

Std/Med Static 1099-2200 rpm

Fan data (cont)

50FCQM28 — High Static — 25 Ton Vertical Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1099	4.9	1174	5.3	1256	5.6	1343	6.0	1433	6.5
8,125	1177	5.3	1246	5.6	1319	5.9	1397	6.3	1479	6.7
8,750	1256	5.6	1319	5.9	1385	6.2	1456	6.6	1530	6.9
9,375	1337	6.0	1394	6.3	1455	6.6	1519	6.9	1586	7.2
10,000	1417	6.4	1471	6.6	1526	6.9	1585	7.2	1646	7.4
10,625	1498	6.8	1548	7.0	1600	7.2	1654	7.5	1710	7.7
11,250	1579	7.1	1626	7.4	1675	7.6	1725	7.8	1777	8.0
11,875	1661	7.5	1705	7.7	1751	7.9	1798	8.1	1846	8.4
12,500	1743	7.9	1785	8.1	1828	8.3	1872	8.5	1917	8.7

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1521	6.9	1604	7.2	1683	7.6	1757	8.0	1828	8.3
8,125	1561	7.1	1642	7.4	1720	7.8	1794	8.1	1864	8.4
8,750	1606	7.3	1683	7.6	1758	8.0	1830	8.3	1900	8.6
9,375	1655	7.5	1727	7.8	1798	8.1	1869	8.5	1937	8.8
10,000	1710	7.7	1776	8.0	1843	8.4	1910	8.7	1976	9.0
10,625	1769	8.0	1829	8.3	1891	8.6	1954	8.9	2018	9.2
11,250	1831	8.3	1887	8.6	1944	8.8	2003	9.1	2063	9.4
11,875	1896	8.6	1948	8.8	2001	9.1	2056	9.3	2111	9.6
12,500	1964	8.9	2012	9.1	2061	9.4	2112	9.6	2164	9.8

High Static 1099-2200 rpm

Fan data (cont)

50FCQM17 — 15 Ton Horizontal Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
4500	1055	0.71	1171	0.97	1279	1.26	1379	1.58	1472	1.92
4875	1122	0.85	1231	1.12	1334	1.43	1430	1.76	1520	2.11
5250	1190	1.01	1293	1.30	1390	1.61	1482	1.95	1569	2.32
5625	1259	1.19	1356	1.49	1448	1.81	1536	2.16	1621	2.54
6000	1329	1.39	1420	1.69	1508	2.03	1592	2.39	1674	2.78
6375	1399	1.60	1486	1.92	1570	2.26	1650	2.63	1728	3.02
6750	1470	1.83	1553	2.16	1632	2.51	1710	2.89	1785	3.28
7125	1541	2.08	1620	2.42	1696	2.77	1770	3.15	1842	3.56
7500	1612	2.34	1688	2.69	1761	3.06	1832	3.44	1902	3.85

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
4500	1560	2.29	1642	2.67	1721	3.29	1796	3.74	1870	4.22
4875	1605	2.49	1685	2.88	1762	3.29	1835	3.99	1906	4.47
5250	1652	2.70	1730	3.10	1805	3.53	1877	4.27	1946	4.75
5625	1701	2.94	1777	3.35	1850	3.78	1920	4.57	1988	5.07
6000	1751	3.18	1826	3.60	1897	4.04	1966	4.90	2032	5.41
6375	1803	3.43	1876	3.86	1945	4.31	2013	5.26	2078	5.79
6750	1857	3.70	1927	4.13	1995	4.59	2061	5.65	2125	6.19
7125	1913	3.98	1981	4.42	2047	4.88	2111	6.07	2173	6.62
7500	1969	4.27	2035	4.72	2099	5.18	2162	6.52	—	—

High Static 1055-2200 rpm,10.0 Max bhp (5.0 Max bhp per fan motor

50FCQM17 — High Static — 15 Ton Horizontal Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	1055	4.7	1171	5.3	1279	5.7	1379	6.2	1472	6.6
4875	1122	5.0	1231	5.5	1334	6.0	1430	6.4	1520	6.9
5250	1190	5.3	1293	5.8	1390	6.3	1482	6.7	1569	7.1
5625	1259	5.7	1356	6.1	1448	6.5	1536	6.9	1621	7.3
6000	1329	6.0	1420	6.4	1508	6.8	1592	7.2	1674	7.6
6375	1399	6.3	1486	6.7	1570	7.1	1650	7.5	1728	7.8
6750	1470	6.6	1553	7.0	1632	7.4	1710	7.7	1785	8.1
7125	1541	7.0	1620	7.3	1696	7.7	1770	8.0	1842	8.3
7500	1612	7.3	1688	7.6	1761	8.0	1832	8.3	1902	8.6

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
4500	1560	7.0	1642	7.4	1721	7.8	1796	8.1	1870	8.5
4875	1605	7.3	1685	7.6	1762	8.0	1835	8.3	1906	8.6
5250	1652	7.5	1730	7.8	1805	8.2	1877	8.5	1946	8.8
5625	1701	7.7	1777	8.0	1850	8.4	1920	8.7	1988	9.0
6000	1751	7.9	1826	8.3	1897	8.6	1966	8.9	2032	9.2
6375	1803	8.2	1876	8.5	1945	8.8	2013	9.1	2078	9.4
6750	1857	8.4	1927	8.7	1995	9.1	2061	9.4	2125	9.7
7125	1913	8.7	1981	9.0	2047	9.3	2111	9.6	2173	9.9
7500	1969	8.9	2035	9.2	2099	9.5	2162	9.8	—	—

High Static 1055-2200 rpm

Fan data (cont)

50FCQM24 — 20 Ton Horizontal Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
6,000	1267	1.20	1361	1.49	1451	1.81	1538	2.15	1621	2.52
6,500	1356	1.45	1443	1.75	1527	2.07	1609	2.43	1688	2.80
7,000	1446	1.73	1527	2.04	1606	2.37	1683	2.73	1758	3.11
7,500	1537	2.03	1612	2.35	1687	2.69	1760	3.05	1831	3.44
8,000	1628	2.36	1699	2.68	1769	3.03	1838	3.40	1906	3.79
8,500	1719	2.71	1786	3.04	1853	3.40	1918	3.77	1983	4.16
9,000	1811	3.09	1875	3.43	1938	3.79	2000	4.17	2061	4.56
9,500	1904	3.50	1964	3.85	2024	4.21	2083	4.59	2142	4.99
10,000	1997	3.94	2054	4.29	2111	4.66	2167	5.04	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
6,000	1700	2.90	1777	3.32	1850	3.74	1921	4.19	1989	4.65
6,500	1764	3.20	1838	3.62	1909	4.05	1977	4.50	2043	4.97
7,000	1831	3.51	1901	3.93	1970	4.37	2036	4.83	2100	5.30
7,500	1900	3.84	1968	4.27	2033	4.71	2098	5.17	2160	5.64
8,000	1972	4.20	2037	4.63	2100	5.07	2162	5.53	—	—
8,500	2046	4.57	2108	5.00	2169	5.45	—	—	—	—
9,000	2122	4.97	2181	5.40	—	—	—	—	—	—
9,500	2199	5.40	—	—	—	—	—	—	—	—
10,000	—	—	—	—	—	—	—	—	—	—

High Static 1267-2000 rpm, 10.0 Max bhp (5.0 Max bhp per fan motor

50FCQM24 — High Static — 20 Ton Horizontal Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1267	5.7	1361	6.1	1451	6.5	1538	6.9	1621	7.3
6,500	1356	6.1	1443	6.5	1527	6.9	1609	7.3	1688	7.6
7,000	1446	6.5	1527	6.9	1606	7.3	1683	7.6	1758	8.0
7,500	1537	6.9	1612	7.3	1687	7.6	1760	8.0	1831	8.3
8,000	1628	7.4	1699	7.7	1769	8.0	1838	8.3	1906	8.6
8,500	1719	7.8	1786	8.1	1853	8.4	1918	8.7	1983	9.0
9,000	1811	8.2	1875	8.5	1938	8.8	2000	9.1	2061	9.4
9,500	1904	8.6	1964	8.9	2024	9.2	2083	9.5	2142	9.7
10,000	1997	9.1	2054	9.3	2111	9.6	2167	9.8	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
6,000	1700	7.7	1777	8.0	1850	8.4	1921	8.7	1989	9.0
6,500	1764	8.0	1838	8.3	1909	8.7	1977	9.0	2043	9.3
7,000	1831	8.3	1901	8.6	1970	8.9	2036	9.2	2100	9.5
7,500	1900	8.6	1968	8.9	2033	9.2	2098	9.5	2160	9.8
8,000	1972	8.9	2037	9.2	2100	9.5	2162	9.8	—	—
8,500	2046	9.3	2108	9.6	2169	9.9	—	—	—	—
9,000	2122	9.6	2181	9.9	—	—	—	—	—	—
9,500	2199	10.0	—	—	—	—	—	—	—	—
10,000	—	—	—	—	—	—	—	—	—	—

High Static 1267-2000 rpm

Fan data (cont)

50FCQM28 — 25 Ton Horizontal Supply (rpm - bhp)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
7,500	1406	2.11	1483	2.47	1559	2.87	1636	3.32	1711	3.80
8,125	1509	2.60	1580	2.98	1651	3.40	1722	3.86	1792	4.35
8,750	1614	3.16	1679	3.56	1744	3.98	1810	4.45	1876	4.96
9,375	1719	3.78	1779	4.19	1840	4.63	1902	5.11	1963	5.62
10,000	1824	4.44	1880	4.87	1938	5.33	1995	5.81	2053	6.34
10,625	1930	5.16	1983	5.60	2036	6.06	2091	6.56	2145	7.09
11,250	2036	5.91	2086	6.35	2137	6.83	2187	7.32	—	—
11,875	2143	6.67	2190	7.12	—	—	—	—	—	—
12,500	—	—	—	—	—	—	—	—	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp
7,500	1783	4.30	1853	4.82	1921	5.37	1986	5.94	2048	6.51
8,125	1861	4.87	1928	5.42	1993	5.98	2055	6.56	2116	7.16
8,750	1941	5.49	2005	6.05	2067	6.63	2128	7.24	2187	7.86
9,375	2024	6.16	2085	6.74	2144	7.33	—	—	—	—
10,000	2111	6.89	2168	7.46	—	—	—	—	—	—
10,625	2199	7.63	—	—	—	—	—	—	—	—
11,250	—	—	—	—	—	—	—	—	—	—
11,875	—	—	—	—	—	—	—	—	—	—
12,500	—	—	—	—	—	—	—	—	—	—

High Static 1406-2200 rpm, 10.0 Max bhp (5.0 Max bhp per fan motor

50FCQM28 — High Static — 25 Ton Horizontal Supply (rpm - vdc)

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	0.2		0.4		0.6		0.8		1.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1406	6.3	1483	6.7	1559	7.0	1636	7.4	1711	7.7
8,125	1509	6.8	1580	7.1	1651	7.5	1722	7.8	1792	8.1
8,750	1614	7.3	1679	7.6	1744	7.9	1810	8.2	1876	8.5
9,375	1719	7.8	1779	8.1	1840	8.3	1902	8.6	1963	8.9
10,000	1824	8.3	1880	8.5	1938	8.8	1995	9.1	2053	9.3
10,625	1930	8.8	1983	9.0	2036	9.2	2091	9.5	2145	9.7
11,250	2036	9.2	2086	9.5	2137	9.7	2187	9.9	—	—
11,875	2143	9.7	2190	10.0	—	—	—	—	—	—
12,500	—	—	—	—	—	—	—	—	—	—

CFM	AVAILABLE EXTERNAL STATIC PRESSURE (in. wg)									
	1.2		1.4		1.6		1.8		2.0	
	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc	rpm	vdc
7,500	1783	8.1	1853	8.4	1921	8.7	1986	9.0	2048	9.3
8,125	1861	8.4	1928	8.7	1993	9.0	2055	9.3	2116	9.6
8,750	1941	8.8	2005	9.1	2067	9.4	2128	9.7	2187	9.9
9,375	2024	9.2	2085	9.5	2144	9.7	—	—	—	—
10,000	2111	9.6	2168	9.9	—	—	—	—	—	—
10,625	2199	10.0	—	—	—	—	—	—	—	—
11,250	—	—	—	—	—	—	—	—	—	—
11,875	—	—	—	—	—	—	—	—	—	—
12,500	—	—	—	—	—	—	—	—	—	—

High Static 1406-2200 rpm

Electrical data

Legend and Notes

Applicable for Electrical Data Tables on pages 45 to 57

LEGEND

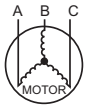
BRKR	—	Circuit Breaker
C.O.	—	Convenience Outlet
FLA	—	Full Load Amps
IFM	—	Indoor Fan Motor
LRA	—	Locked Rotor Amps
MCA	—	Minimum Circuit Amps
P.E.	—	Power Exhaust
PWRD C.O.	—	Powered Convenience Outlet
RLA	—	Rated Load Amps
SCCR	—	Short Circuit Current Rating
UNPWR C.O.	—	Unpowered Convenience Outlet

NOTES:

1. In compliance with NEC requirements for multi-motor and combination load equipment (refer to NEC Articles 430 and 440), the overcurrent protective device for the unit shall be fuse or HACR breaker. Canadian units may be fuse or circuit breaker.
2. For 208/230 v units, where one value is show it is the same for either 208 or 230 volts.
3. **Unbalanced 3-Phase Supply Voltage**: Never operate a motor where a phase imbalance in supply voltage is greater than 2%. Use the following formula to determine the percentage of voltage imbalance.

$$\text{\% Voltage Imbalance} = 100 \times \frac{\text{max voltage deviation from average voltage}}{\text{average voltage}}$$

Example: Supply voltage is 230-3-60



AB = 224-v
BC = 231-v
AC = 226-v

$$\text{Average Voltage} = \frac{(224 + 231 + 226)}{3} = \frac{681}{3} = 227$$

Determine maximum deviation from average voltage.
(AB) 227-224 = 3-v
(BC) 231-227 = 4-v
(AC) 227-226 = 1-v
Maximum deviation is 4-v.
Determine percent of voltage imbalance.

$$\text{\% Voltage Imbalance} = 100x \frac{4}{227} = 1.76\%$$

This amount of phase imbalance is satisfactory as it is below the maximum allowable 2%.

IMPORTANT: If the supply voltage phase imbalance is more than 2%, contact your local electric utility company immediately.

Electrical data (cont)

50FCQM17-28 Cooling Electrical Data

50FCQ UNIT SIZE	V-Ph-Hz	UNIT VOLTAGE RANGE		STD SCCR kA	HIGH SCCR kA[a]	COMP 1		COMP 2		OFM (EA)		IFM		
		MIN	MAX			RLA	LRA	RLA	LRA	WATTS	FLA	TYPE	EFFCY AT FULL LOAD	FLA
50FCQM17 Vertical	208-3-60	187	253	5	60	28.2	240	19.6	136	350	1.5	STD/MED	90.0%	6.4
												HIGH		7.5
	230-3-60	187	253	5	60	28.2	240	19.6	136	350	1.5	STD/MED	90.0%	6.4
												HIGH		7.5
	460-3-60	414	506	5	65	14.7	130	8.2	66	277	0.9	STD/MED	90.0%	3.0
												HIGH		3.5
	575-3-60	518	633	5	—	11.3	94	6.6	55	397	0.6	STD/MED	90.0%	2.5
												HIGH		3.0
50FCQM17 Horizontal	208-3-60	187	253	5	60	28.2	240	19.6	136	350	1.5	HIGH	90.0%	12.6
	230-3-60	187	253	5	60	28.2	240	19.6	136	350	1.5	HIGH	90.0%	12.6
	460-3-60	414	506	5	65	14.7	130	8.2	66	277	0.9	HIGH	90.0%	5.6
	575-3-60	518	633	5	—	11.3	94	6.6	55	397	0.6	HIGH	90.0%	4.6
50FCQM24 Vertical	208-3-60	187	253	5	60	34.0	240	34.0	240	397	1.9	STD/MED	90.0%	6.4
												HIGH		12.6
	230-3-60	187	253	5	60	34.0	240	34.0	240	397	1.9	STD/MED	90.0%	6.4
												HIGH		12.6
	460-3-60	414	506	5	65	16.0	140	16.0	140	397	0.9	STD/MED	90.0%	3.0
												HIGH		5.6
	575-3-60	518	633	5	—	12.9	108	12.9	108	397	0.7	STD/MED	90.0%	2.5
												HIGH		4.6
50FCQM24 Horizontal	208-3-60	187	253	5	60	34.0	240	34.0	240	397	1.9	HIGH	90.0%	12.6
	230-3-60	187	253	5	60	34.0	240	34.0	240	397	1.9	HIGH	90.0%	12.6
	460-3-60	414	506	5	65	16.0	140	16.0	140	397	0.9	HIGH	90.0%	5.6
	575-3-60	518	633	5	—	12.9	1085	12.9	1085	397	0.7	HIGH	90.0%	4.6
50FCQM28 Vertical	208-3-60	187	253	5	60	51.3	300	48.1	245	350	1.9	STD/MED	90.0%	7.5
												HIGH		12.6
	230-3-60	187	253	5	60	51.3	300	48.1	245	350	1.9	STD/MED	90.0%	7.5
												HIGH		12.6
	460-3-60	414	506	5	65	22.4	150	18.6	125	277	0.9	STD/MED	90.0%	3.5
												HIGH		5.6
	575-3-60	518	633	5	—	19.9	109	14.7	100	397	0.7	STD/MED	90.0%	3.0
												HIGH		4.6
50FCQM28 Horizontal	208-3-60	187	253	5	60	51.3	300	48.1	245	397	1.9	HIGH	90.0%	12.6
	230-3-60	187	253	5	60	51.3	300	48.1	245	397	1.9	HIGH	90.0%	12.6
	460-3-60	414	506	5	65	22.4	150	18.6	125	397	0.9	HIGH	90.0%	5.6
	575-3-60	518	633	5	—	19.9	109	14.7	100	397	0.7	HIGH	90.0%	4.6

NOTE(S):

a. High SCCR (Short Circuit Current Rating) is not available on the following: units with Low Ambient controls, Phase loss monitor, Non-fused disconnect, Powered convenience outlet, and 575-v models.

Electrical data (cont)

50FCQM17 MCA MOCP Electrical Data

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	HIGH SCCR kA[a]	ELECTRIC HEATER				NO CONVENIENCE OUTLET OR UNPOWERED CONVENIENCE OUTLET							
									NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
					STD SCCR CRHEATER ****00	HIGH SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	DISCONNECT SIZE		MCA	FUSE OR HACR BRKR	DISCONNECT SIZE	
											FLA	LRA			FLA	LRA
50FCQM17 Vertical	208/230-3-60	STD/MED	5	60	—	—	—	—	72	100	75	403	84	100	88	423
					454A	454A	18.8/25.0	52.1/60.1	137/147	150/150	135/144	455/463	149/159	150/175	148/158	475/483
					455A	455A	37.6/50.0	104.2/120.3	202/192	225/200	195/213	507/523	214/204	225/225	208/227	527/543
					456A	456A	56.3/75.0	156.4/180.4	229/253	250/300	255/282	559/583	240/264	250/300	268/296	579/603
		HIGH	5	60	—	—	—	—	74	100	77	407	86	100	91	427
					454A	454A	18.8/25.0	52.1/60.1	140/150	150/150	137/147	459/467	151/161	175/175	151/160	479/487
					455A	455A	37.6/50.0	104.2/120.3	205/195	225/225	197/216	511/527	216/206	225/225	211/229	531/547
					456A	456A	56.3/75.0	156.4/180.4	231/255	250/300	257/285	563/587	243/267	250/300	271/298	583/607
	460-3-60	STD/MED	5	65	—	—	—	—	35	45	36	210	42	50	43	222
					457A	457A	25.0	30.1	73	80	71	240	79	80	78	252
					458A	458A	50.0	60.1	95	100	105	270	102	110	113	282
					459A	459A	75.0	90.2	126	150	140	300	132	150	147	312
		HIGH	5	65	—	—	—	—	36	50	37	212	42	50	45	224
					457A	457A	25.0	30.1	74	80	72	242	80	90	79	254
					458A	458A	50.0	60.1	96	110	107	272	103	110	114	284
					459A	459A	75.0	90.2	126	150	141	302	133	150	148	314
	575-3-60	STD/MED	5	—	—	—	—	—	28	35	28	163	32	40	34	171
					460A	—	24.8	23.9	57	60	56	187	62	70	61	195
					461A	—	49.6	47.7	87	90	83	211	92	100	89	219
					462A	—	74.4	71.6	99	110	111	235	104	110	116	243
		HIGH	5	—	—	—	—	—	28	35	30	163	33	40	35	171
					460A	—	24.8	23.9	58	60	57	187	63	70	63	195
					461A	—	49.6	47.7	88	90	84	211	93	100	90	219
					462A	—	74.4	71.6	100	110	112	235	105	110	117	243
50FCQM17 Horizontal	208/230-3-60	HIGH	5	60	—	—	—	—	85	100	89	421	96	110	103	441
					463A	463A	18.8/25.0	52.1/60.1	150/160	150/175	149/158	473/481	162/172	175/175	163/172	493/501
					464A	464A	37.6/50.0	104.2/120.3	215/205	225/225	209/227	525/541	227/217	250/225	223/241	545/561
					465A	465A	56.3/75.0	156.4/180.4	241/265	250/300	269/297	577/601	253/277	300/300	283/310	597/621
	460-3-60	HIGH	5	65	—	—	—	—	40	50	42	218	47	60	49	230
					466A	466A	25.0	30.1	78	80	77	248	84	90	84	260
					467A	467A	50.0	60.1	101	110	111	278	107	125	119	290
					468A	468A	75.0	90.2	131	150	146	308	137	150	153	320
	575-3-60	HIGH	5	—	—	—	—	—	32	40	33	167	36	45	39	175
					469A	—	24.8	23.9	62	70	61	191	66	70	66	199
					470A	—	49.6	47.7	91	100	88	215	96	100	94	223
					471A	—	74.4	71.6	103	110	116	239	108	125	121	247

NOTE(S):

a. High SCCR (Short Circuit Current Rating) is not available on the following: units with Low Ambient controls, Phase loss monitor, Non-fused disconnect, and 575-v models.

Electrical data (cont)

50FCQM17 MCA MOCP Electrical Data (cont)

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	ELECTRIC HEATER			W/POWERED CONVENIENCE OUTLET							
							NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
									DISCONNECT SIZE				DISCONNECT SIZE	
				STD SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	FLA	LRA	MCA	FUSE OR HACR BRKR	FLA	LRA
50FCQM17 Vertical	208/230-3-60	STD/ MED	5	—	—	—	77	100	80	408	89	100	94	428
				454A	18.8/25.0	52.1/60.1	142/152	150/175	140/150	460/468	154/164	175/175	154/163	480/488
				455A	37.6/50.0	104.2/120.3	207/197	225/225	200/219	512/528	219/209	225/225	214/232	532/548
				456A	56.3/75.0	156.4/180.4	233/257	250/300	260/288	564/588	245/269	300/300	274/301	584/608
		HIGH	5	—	—	—	79	100	83	412	91	100	96	432
				454A	18.8/25.0	52.1/60.1	144/154	150/175	143/152	464/472	156/166	175/175	156/166	484/492
				455A	37.6/50.0	104.2/120.3	209/200	225/225	203/221	516/532	221/211	225/225	216/235	536/552
				456A	56.3/75.0	156.4/180.4	236/260	250/300	263/290	568/592	247/271	300/300	276/304	588/612
	460-3-60	STD/ MED	5	—	—	—	38	50	39	212	44	50	46	224
				457A	25.0	30.1	75	80	73	242	81	90	81	254
				458A	50.0	60.1	98	110	108	272	104	110	115	284
				459A	75.0	90.2	128	150	143	302	134	150	150	314
		HIGH	5	—	—	—	38	50	40	214	45	50	47	226
				457A	25.0	30.1	76	80	75	244	82	90	82	256
				458A	50.0	60.1	99	110	109	274	105	110	116	286
				459A	75.0	90.2	129	150	144	304	135	150	151	316
	575-3-60	STD/ MED	5	—	—	—	29	40	30	165	34	45	36	173
				460A	24.8	23.9	59	60	58	189	64	70	63	197
				461A	49.6	47.7	89	90	85	213	94	100	91	221
				462A	74.4	71.6	101	110	113	237	106	110	118	245
		HIGH	5	—	—	—	30	40	32	165	35	45	37	173
				460A	24.8	23.9	60	70	59	189	65	70	65	197
				461A	49.6	47.7	90	90	86	213	95	100	92	221
				462A	74.4	71.6	102	110	114	237	107	110	119	245
50FCQM17 Horizontal	208/230-3-60	HIGH	5	—	—	—	89	100	95	426	101	125	108	446
				463A	18.8/25.0	52.1/60.1	154/164	175/175	155/164	478/486	166/176	175/200	168/177	498/506
				464A	37.6/50.0	104.2/120.3	220/210	225/225	214/233	530/546	231/222	250/250	228/247	550/566
				465A	56.3/75.0	156.4/180.4	246/270	300/300	275/302	582/606	258/282	300/300	288/316	602/626
	460-3-60	HIGH	5	—	—	—	43	50	45	220	49	60	52	232
				466A	25.0	30.1	80	90	79	250	86	90	87	262
				467A	50.0	60.1	103	110	114	280	109	125	121	292
				468A	75.0	90.2	133	150	149	310	139	150	156	322
	575-3-60	HIGH	5	—	—	—	33	40	35	169	38	45	41	177
				469A	24.8	23.9	63	70	63	193	68	70	68	201
				470A	49.6	47.7	93	100	90	217	98	100	96	225
				471A	74.4	71.6	105	110	118	241	110	125	123	249

Electrical data (cont)

50FCQM24 MCA MOCP Electrical Data

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	HIGH SCCR kA[a]	ELECTRIC HEATER				NO CONVENIENCE OUTLET OR UNPOWERED CONVENIENCE OUTLET							
									NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
					STD SCCR CRHEATER ****00	HIGH SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	DISCONNECT SIZE		MCA	FUSE OR HACR BRKR	DISCONNECT SIZE	
											FLA	LRA			FLA	LRA
50FCQM24 Vertical	208/230-3-60	STD/MED	5	60	—	—	—	—	97	125	102	510	109	125	115	530
					454A	454A	18.8/25.0	52.1/60.1	162/172	175/175	162/171	562/570	174/184	175/200	175/184	582/590
					455A	455A	37.6/50.0	104.2/120.3	227/217	250/250	221/240	614/630	239/229	250/250	235/254	634/650
					456A	456A	56.3/75.0	156.4/180.4	253/277	300/300	282/309	666/690	265/289	300/300	295/323	686/710
		HIGH	5	60	—	—	—	—	109	125	116	528	121	150	129	548
					454A	454A	18.8/25.0	52.1/60.1	174/184	175/200	176/185	580/588	186/196	200/200	189/199	600/608
					455A	455A	37.6/50.0	104.2/120.3	240/230	250/250	236/254	632/648	251/241	300/250	249/268	652/668
					456A	456A	56.3/75.0	156.4/180.4	266/290	300/300	296/323	684/708	278/302	300/350	309/337	704/728
	460-3-60	STD/MED	5	65	—	—	—	—	46	60	48	296	52	60	55	308
					457A	457A	25.0	30.1	83	90	82	326	89	90	90	338
					458A	458A	50.0	60.1	106	110	117	356	112	125	124	368
					459A	459A	75.0	90.2	136	150	152	386	142	150	159	398
		HIGH	5	65	—	—	—	—	51	60	54	304	57	70	61	316
					457A	457A	25.0	30.1	88	90	88	334	95	100	96	346
					458A	458A	50.0	60.1	111	125	123	364	117	125	130	376
					459A	459A	75.0	90.2	141	150	158	394	147	175	165	406
	575-3-60	STD/MED	5	—	—	—	—	—	37	45	39	232	42	50	44	240
					460A	—	24.8	23.9	67	70	66	256	72	80	72	264
					461A	—	49.6	47.7	96	100	93	280	101	110	99	288
					462A	—	74.4	71.6	108	125	121	304	113	125	127	312
		HIGH	5	—	—	—	—	—	41	50	43	236	46	50	49	244
					460A	—	24.8	23.9	71	80	71	260	76	80	76	268
					461A	—	49.6	47.7	101	110	98	284	106	110	104	292
					462A	—	74.4	71.6	113	125	126	308	117	125	131	316
50FCQM24 Horizontal	208/230-3-60	HIGH	5	60	—	—	—	—	109	125	116	528	121	150	129	548
					463A	463A	18.8/25.0	52.1/60.1	174/184	175/200	176/185	580/588	186/196	200/200	189/199	600/608
					464A	464A	37.6/50.0	104.2/120.3	240/230	250/250	236/254	632/648	251/241	300/250	249/268	652/668
					465A	465A	56.3/75.0	156.4/180.4	266/290	300/300	296/323	684/708	278/302	300/350	309/337	704/728
	460-3-60	HIGH	5	65	—	—	—	—	51	60	54	304	57	70	61	316
					466A	466A	25.0	30.1	88	90	88	334	95	100	96	346
					467A	467A	50.0	60.1	111	125	123	364	117	125	130	376
					468A	468A	75.0	90.2	141	150	158	394	147	175	165	406
	575-3-60	HIGH	5	—	—	—	—	—	41	50	43	236	46	50	49	244
					469A	—	24.8	23.9	71	80	71	260	76	80	76	268
					470A	—	49.6	47.7	101	110	98	284	106	110	104	292
					471A	—	74.4	71.6	113	125	126	308	117	125	131	316

NOTE(S):

a. High SCCR (Short Circuit Current Rating) is not available on the following: units with Low Ambient controls, Phase loss monitor, Non-fused disconnect, and 575-v models.

Electrical data (cont)

50FCQM24 MCA MOCP Electrical Data (cont)

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	ELECTRIC HEATER			W/POWERED CONVENIENCE OUTLET							
							NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
									DISCONNECT SIZE				DISCONNECT SIZE	
				STD SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	FLA	LRA	MCA	FUSE OR HACR BRKR	FLA	LRA
50FCQM24 Vertical	208/230-3-60	STD/ MED	5	—	—	—	102	125	107	515	114	125	121	535
				454A	18.8/25.0	52.1/60.1	167/177	175/200	167/176	567/575	179/189	200/200	181/190	587/595
				455A	37.6/50.0	104.2/120.3	232/222	250/250	227/246	619/635	244/234	250/250	241/259	639/655
				456A	56.3/75.0	156.4/180.4	258/282	300/300	287/315	671/695	270/294	300/350	301/328	691/715
		HIGH	5	—	—	—	114	125	121	533	126	150	135	553
				454A	18.8/25.0	52.1/60.1	179/189	200/200	181/191	585/593	191/201	200/225	195/204	605/613
				455A	37.6/50.0	104.2/120.3	244/234	250/250	241/260	637/653	256/246	300/300	255/273	657/673
				456A	56.3/75.0	156.4/180.4	270/294	300/350	301/329	689/713	282/306	300/350	315/342	709/733
	460-3-60	STD/ MED	5	—	—	—	48	60	50	298	54	60	58	310
				457A	25.0	30.1	85	90	85	328	92	100	92	340
				458A	50.0	60.1	108	125	119	358	114	125	127	370
				459A	75.0	90.2	138	150	154	388	144	150	161	400
		HIGH	5	—	—	—	53	60	56	306	59	70	63	318
				457A	25.0	30.1	91	100	91	336	97	100	98	348
				458A	50.0	60.1	113	125	125	366	119	125	133	378
				459A	75.0	90.2	143	150	160	396	149	175	167	408
	575-3-60	STD/ MED	5	—	—	—	38	50	41	234	43	50	46	242
				460A	24.8	23.9	68	70	68	258	73	80	74	266
				461A	49.6	47.7	98	100	95	282	103	110	101	290
				462A	74.4	71.6	110	125	123	306	115	125	128	314
		HIGH	5	—	—	—	43	50	45	238	48	60	51	246
				460A	24.8	23.9	73	80	73	262	77	80	78	270
				461A	49.6	47.7	102	110	100	286	107	110	106	294
				462A	74.4	71.6	114	125	128	310	119	125	133	318
50FCQM24 Horizontal	208/230-3-60	HIGH	5	—	—	—	114	125	121	533	126	150	135	553
				463A	18.8/25.0	52.1/60.1	179/189	200/200	181/191	585/593	191/201	200/225	195/204	605/613
				464A	37.6/50.0	104.2/120.3	244/234	250/250	241/260	637/653	256/246	300/300	255/273	657/673
				465A	56.3/75.0	156.4/180.4	270/294	300/350	301/329	689/713	282/306	300/350	315/342	709/733
	460-3-60	HIGH	5	—	—	—	53	60	56	306	59	70	63	318
				466A	25.0	30.1	91	100	91	336	97	100	98	348
				467A	50.0	60.1	113	125	125	366	119	125	133	378
				468A	75.0	90.2	143	150	160	396	149	175	167	408
	575-3-60	HIGH	5	—	—	—	43	50	45	238	48	60	51	246
				469A	24.8	23.9	73	80	73	262	77	80	78	270
				470A	49.6	47.7	102	110	100	286	107	110	106	294
				471A	74.4	71.6	114	125	128	310	119	125	133	318

Electrical data (cont)

50FCQM28 MCA MOCP Electrical Data

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	HIGH SCCR kA[a]	ELECTRIC HEATER				NO CONVENIENCE OUTLET OR UNPOWERED CONVENIENCE OUTLET							
									NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
					STD SCCR CRHEATER ****00	HIGH SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	DISCONNECT SIZE		MCA	FUSE OR HACR BRKR	DISCONNECT SIZE	
											FLA	LRA			FLA	LRA
50FCQM28 Vertical	208/230-3-60	STD/MED	5	60	—	—	—	—	135	175	140	579	147	175	154	599
					454A	454A	18.8/25.0	52.1/60.1	200/210	225/225	200/209	631/639	212/222	250/250	214/223	651/659
					455A	455A	37.6/50.0	104.2/120.3	265/255	300/300	260/279	683/699	277/267	300/300	274/292	703/719
					456A	456A	56.3/75.0	156.4/180.4	291/315	350/350	320/348	735/759	303/327	350/350	334/361	755/779
		HIGH	5	60	—	—	—	—	145	175	152	593	157	200	166	613
					454A	454A	18.8/25.0	52.1/60.1	210/220	225/250	212/221	645/653	222/232	250/250	226/235	665/673
					455A	455A	37.6/50.0	104.2/120.3	275/265	300/300	272/290	697/713	287/277	300/300	285/304	717/733
					456A	456A	56.3/75.0	156.4/180.4	301/325	350/350	332/359	749/773	313/337	350/400	345/373	769/793
	460-3-60	STD/MED	5	65	—	—	—	—	57	70	59	293	63	80	66	305
					457A	457A	25.0	30.1	95	100	94	323	101	110	101	335
					458A	458A	50.0	60.1	117	125	128	353	124	150	136	365
					459A	459A	75.0	90.2	147	175	163	383	154	175	170	395
		HIGH	5	65	—	—	—	—	61	80	64	299	68	90	71	311
					457A	457A	25.0	30.1	99	100	99	329	105	110	106	341
					458A	458A	50.0	60.1	122	150	133	359	128	150	140	371
					459A	459A	75.0	90.2	152	175	168	389	158	175	175	401
	575-3-60	STD/MED	5	—	—	—	—	—	48	60	50	225	53	60	55	233
					460A	—	24.8	23.9	78	90	77	249	83	90	83	257
					461A	—	49.6	47.7	108	110	105	273	113	125	110	281
					462A	—	74.4	71.6	120	125	132	297	125	150	138	305
		HIGH	5	—	—	—	—	—	52	60	54	229	56	70	59	237
					460A	—	24.8	23.9	82	90	81	253	86	100	87	261
					461A	—	49.6	47.7	111	125	108	277	116	125	114	285
					462A	—	74.4	71.6	123	150	136	301	128	150	141	309
50FCQM28 Horizontal	208/230-3-60	HIGH	5	65	—	—	—	—	145	175	152	593	157	200	166	613
					463A	463A	18.8/25.0	52.1/60.1	210/220	225/250	212/221	645/653	222/232	250/250	226/235	665/673
					464A	464A	37.6/50.0	104.2/120.3	275/265	300/300	272/290	697/713	287/277	300/300	285/304	717/733
					465A	465A	56.3/75.0	156.4/180.4	301/325	350/350	332/359	749/773	313/337	350/400	345/373	769/793
	460-3-60	HIGH	5	65	—	—	—	—	61	80	64	299	68	90	71	311
					466A	466A	25.0	30.1	99	100	99	329	105	110	106	341
					467A	467A	50.0	60.1	122	150	133	359	128	150	140	371
					468A	468A	75.0	90.2	152	175	168	389	158	175	175	401
	575-3-60	HIGH	5	—	—	—	—	—	52	60	54	229	56	70	59	237
					469A	—	24.8	23.9	82	90	81	253	86	100	87	261
					470A	—	49.6	47.7	111	125	108	277	116	125	114	285
					471A	—	74.4	71.6	123	150	136	301	128	150	141	309

NOTE(S):

a. High SCCR (Short Circuit Current Rating) is not available on the following: units with Low Ambient controls, Phase loss monitor, Non-fused disconnect, and 575-v models.

Electrical data (cont)

50FCQM28 MCA MOCP Electrical Data (cont)

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	ELECTRIC HEATER			W/POWERED CONVENIENCE OUTLET							
							NO POWER EXHAUST				w/POWER EXHAUST (powered from unit)			
									DISCONNECT SIZE				DISCONNECT SIZE	
				STD SCCR CRHEATER ****00	NOM (kW)	FLA	MCA	FUSE OR HACR BRKR	FLA	LRA	MCA	FUSE OR HACR BRKR	FLA	LRA
50FCQM28 Vertical	208/230-3-60	STD/MED	5	—	—	—	140	175	146	584	151	200	159	604
				454A	18.8/25.0	52.1/60.1	205/215	225/250	206/215	636/644	217/227	250/250	219/229	656/664
				455A	37.6/50.0	104.2/120.3	270/260	300/300	266/284	688/704	282/272	300/300	279/298	708/724
				456A	56.3/75.0	156.4/180.4	296/320	350/350	326/353	740/764	308/332	350/350	339/367	760/784
		HIGH	5	—	—	—	150	200	158	598	162	200	171	618
				454A	18.8/25.0	52.1/60.1	215/225	250/250	217/227	650/658	227/237	250/250	231/240	670/678
				455A	37.6/50.0	104.2/120.3	280/270	300/300	277/296	702/718	292/282	300/300	291/309	722/738
				456A	56.3/75.0	156.4/180.4	306/330	350/350	337/365	754/778	318/342	350/400	351/379	774/798
	460-3-60	STD/MED	5	—	—	—	59	80	62	295	66	80	69	307
				457A	25.0	30.1	97	100	96	325	103	110	104	337
				458A	50.0	60.1	120	150	131	355	126	150	138	367
				459A	75.0	90.2	150	175	166	385	156	175	173	397
		HIGH	5	—	—	—	64	80	67	301	70	90	74	313
				457A	25.0	30.1	101	110	101	331	107	110	108	343
				458A	50.0	60.1	124	150	136	361	130	150	143	373
				459A	75.0	90.2	154	175	170	391	160	175	178	403
	575-3-60	STD/MED	5	—	—	—	50	60	52	227	55	60	57	235
				460A	24.8	23.9	80	90	79	251	85	90	85	259
				461A	49.6	47.7	110	110	107	275	114	125	112	283
				462A	74.4	71.6	122	150	134	299	126	150	140	307
		HIGH	5	—	—	—	53	60	56	231	58	70	61	239
				460A	24.8	23.9	83	90	83	255	88	100	89	263
				461A	49.6	47.7	113	125	110	279	118	125	116	287
				462A	74.4	71.6	125	150	138	303	130	150	143	311
50FCQM28 Horizontal	208/230-3-60	HIGH	5	—	—	—	150	200	158	598	162	200	171	618
				463A	18.8/25.0	52.1/60.1	215/225	250/250	217/227	650/658	227/237	250/250	231/240	670/678
				464A	37.6/50.0	104.2/120.3	280/270	300/300	277/296	702/718	292/282	300/300	291/309	722/738
				465A	56.3/75.0	156.4/180.4	306/330	350/350	337/365	754/778	318/342	350/400	351/379	774/798
	460-3-60	HIGH	5	—	—	—	64	80	67	301	70	90	74	313
				466A	25.0	30.1	101	110	101	331	107	110	108	343
				467A	50.0	60.1	124	150	136	361	130	150	143	373
				468A	75.0	90.2	154	175	170	391	160	175	178	403
	575-3-60	HIGH	5	—	—	—	53	60	56	231	58	70	61	239
				469A	24.8	23.9	83	90	83	255	88	100	89	263
				470A	49.6	47.7	113	125	110	279	118	125	116	287
				471A	74.4	71.6	125	150	138	303	130	150	143	311

Electrical data (cont)

50FCQM17 Electric Heat Data — Standard SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	STD ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	STD SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00			
								NO C.O. OR UNPOWERED C.O.		w/PWRD C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM17 Vertical	208/230-3-60	STD/ MED	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
		HIGH	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	STD/ MED	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
		HIGH	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	STD/ MED	5	CRHEATER460A00	24.8	22.8	77.7	—	—	—	—
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
		HIGH	5	CRHEATER460A00	24.8	22.8	77.7	—	—	—	—
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
50FCQM17 Horizontal	208/230-3-60	HIGH	5	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	HIGH	5	CRHEATER466A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER467A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER468A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	HIGH	5	CRHEATER469A00	24.8	22.8	77.7	—	—	—	—
				CRHEATER470A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER471A00	74.4	68.3	233.1	057	057	057	057

Electrical data (cont)

50FCQM17 Electric Heat Data — High SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	HIGH SCCR kA	HIGH SCCR ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	HIGH SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00	
								NO C.O. OR UNPOWERED C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM17 Vertical	208/230-3-60	STD/MED	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
		HIGH	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	STD/MED	65	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
		HIGH	65	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
	575-3-60	STD/MED	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
		HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
50FCQM17 Horizontal	208/230-3-60	HIGH	60	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	HIGH	65	CRHEATER466A00	25.0	23.0	78.3	059	059
				CRHEATER467A00	50.0	45.9	156.7	059	059
				CRHEATER468A00	75.0	68.9	235.0	059	059
	575-3-60	HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—

Electrical data (cont)

50FCQM24 Electric Heat Data — Standard SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	STD ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	STD SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00			
								NO C.O. OR UNPOWERED C.O.		w/PWRD C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM24 Vertical	208/230-3-60	STD/ MED	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
		HIGH	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	STD/ MED	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
		HIGH	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	STD/ MED	5	CRHEATER460A00	24.8	22.8	77.7	—	057	—	057
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
		HIGH	5	CRHEATER460A00	24.8	22.8	77.7	057	057	057	057
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
50FCQM24 Horizontal	208/230-3-60	HIGH	5	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	HIGH	5	CRHEATER466A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER467A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER468A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	HIGH	5	CRHEATER469A00	24.8	22.8	77.7	—	—	—	—
				CRHEATER470A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER471A00	74.4	68.3	233.1	057	057	057	057

Electrical data (cont)

50FCQM24 Electric Heat Data — High SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	HIGH SCCR kA	HIGH SCCR ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	HIGH SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00	
								NO C.O. OR UNPOWERED C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM24 Vertical	208/230-3-60	STD/MED	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
		HIGH	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	STD/MED	65	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
		HIGH	55	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
	575-3-60	STD/MED	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
		HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
50FCQM24 Horizontal	208/230-3-60	HIGH	60	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	HIGH	65	CRHEATER466A00	25.0	23.0	78.3	059	059
				CRHEATER467A00	50.0	45.9	156.7	059	059
				CRHEATER468A00	75.0	68.9	235.0	059	059
	575-3-60	HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—

Electrical data (cont)

50FCQM28 Electric Heat Data — Standard SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	STD SCCR kA	STD ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	STD SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00			
								NO C.O. OR UNPOWERED C.O.		w/PWRD C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)	NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM28 Vertical	208/230-3-60	STD/ MED	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
		HIGH	5	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	STD/ MED	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
		HIGH	5	CRHEATER457A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER458A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER459A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	STD/ MED	5	CRHEATER460A00	24.8	22.8	77.7	057	057	057	057
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
		HIGH	5	CRHEATER460A00	24.8	22.8	77.7	057	057	057	057
				CRHEATER461A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER462A00	74.4	68.3	233.1	057	057	057	057
50FCQM28 Horizontal	208/230-3-60	HIGH	5	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	056	056	056	056
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	056	056	056	056
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	056	056	056	056
	460-3-60	HIGH	5	CRHEATER466A00	25.0	23.0	78.3	057	057	057	057
				CRHEATER467A00	50.0	45.9	156.7	057	057	057	057
				CRHEATER468A00	75.0	68.9	235.0	057	057	057	057
	575-3-60	HIGH	5	CRHEATER469A00	24.8	22.8	77.7	057	057	057	057
				CRHEATER470A00	49.6	45.6	155.4	057	057	057	057
				CRHEATER471A00	74.4	68.3	233.1	057	057	057	057

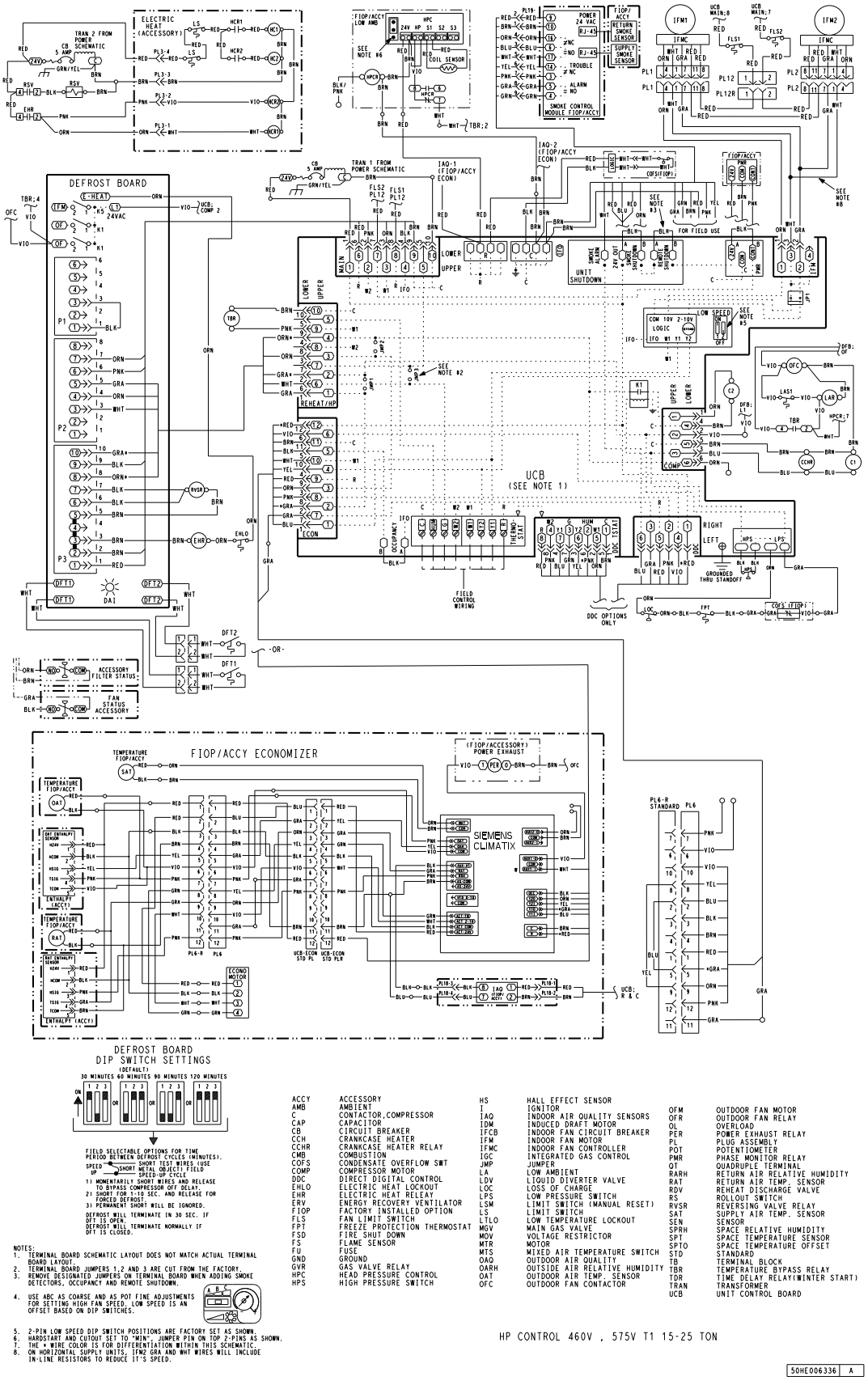
Electrical data (cont)

50FCQM28 Electric Heat Data — High SCCR Unit

50FCQ UNIT SIZE	NOM. V-Ph-Hz	IFM TYPE	HIGH SCCR kA	HIGH SCCR ELECTRIC HEATER PART NUMBER	NOMINAL (kW)	APPLICATION (kW)	APPLICATION OUTPUT (MBH)	HIGH SCCR SINGLE POINT OR JUNCTION KIT PART NUMBER CRSINGLEXXXA00	
								NO C.O. OR UNPOWERED C.O.	
								NO P.E.	w/P.E. (pwrd fr/unit)
50FCQM28 Vertical	208/230-3-60	STD/MED	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
		HIGH	60	CRHEATER454A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER455A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER456A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	STD/MED	65	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
		HIGH	65	CRHEATER457A00	25.0	23.0	78.3	059	059
				CRHEATER458A00	50.0	45.9	156.7	059	059
				CRHEATER459A00	75.0	68.9	235.0	059	059
	575-3-60	STD/MED	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
		HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—
50FCQM28 Horizontal	208/230-3-60	HIGH	60	CRHEATER463A00	25.0	18.8/23.0	64.1/78.3	058	058
				CRHEATER464A00	50.0	37.6/45.9	128.1/156.7	058	058
				CRHEATER465A00	75.0	56.3/68.9	192.2/235.0	058	058
	460-3-60	HIGH	65	CRHEATER466A00	25.0	23.0	78.3	059	059
				CRHEATER467A00	50.0	45.9	156.7	059	059
				CRHEATER468A00	75.0	68.9	235.0	059	059
	575-3-60	HIGH	—	—	24.8	22.8	77.7	—	—
				—	49.6	45.6	155.4	—	—
				—	74.4	68.3	233.1	—	—

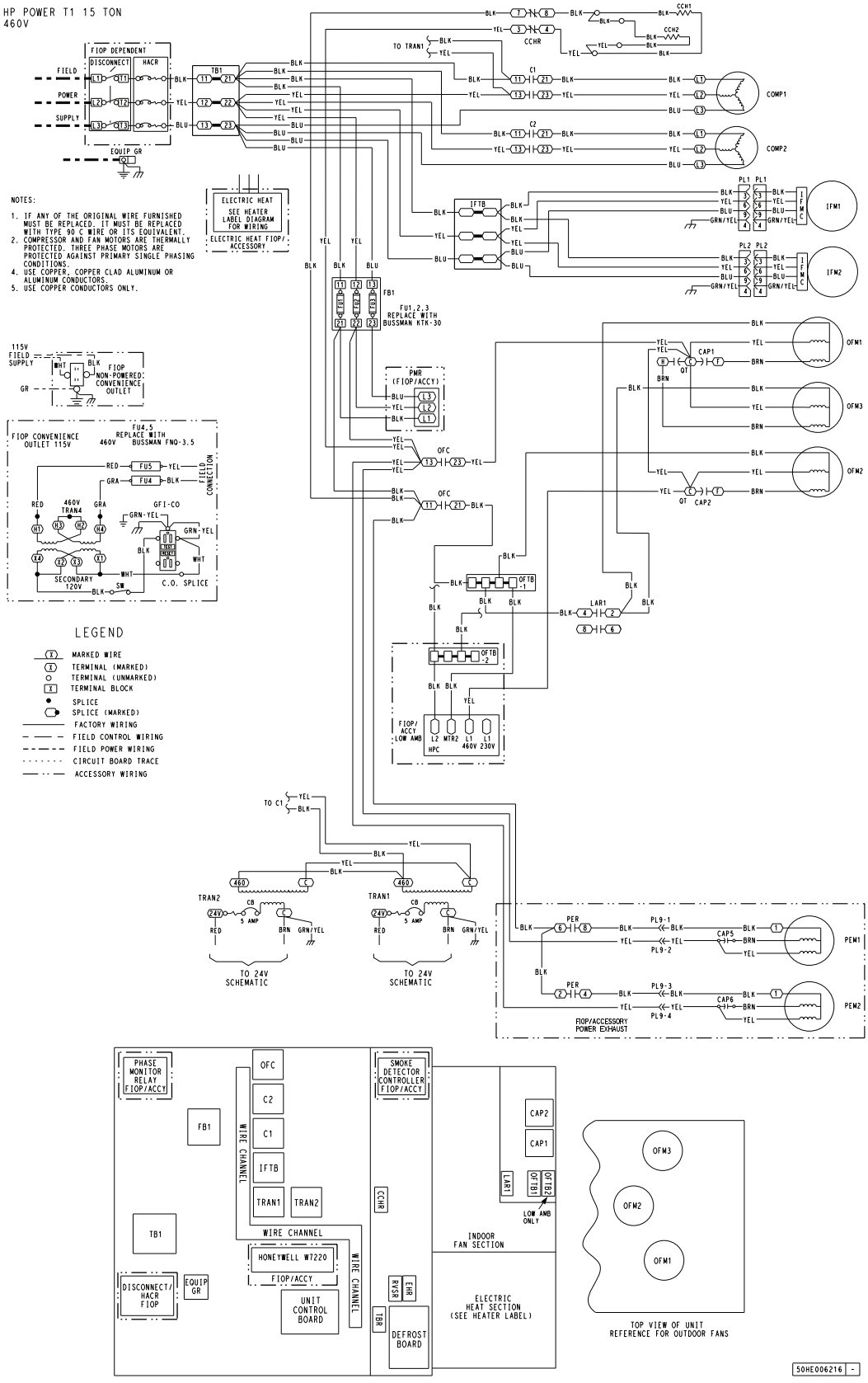
Typical wiring diagrams

Typical 50FCQ*17-28 Control Wiring Diagram, Electromechanical with POL224 Controller, 460/575-3-60 Unit Shown



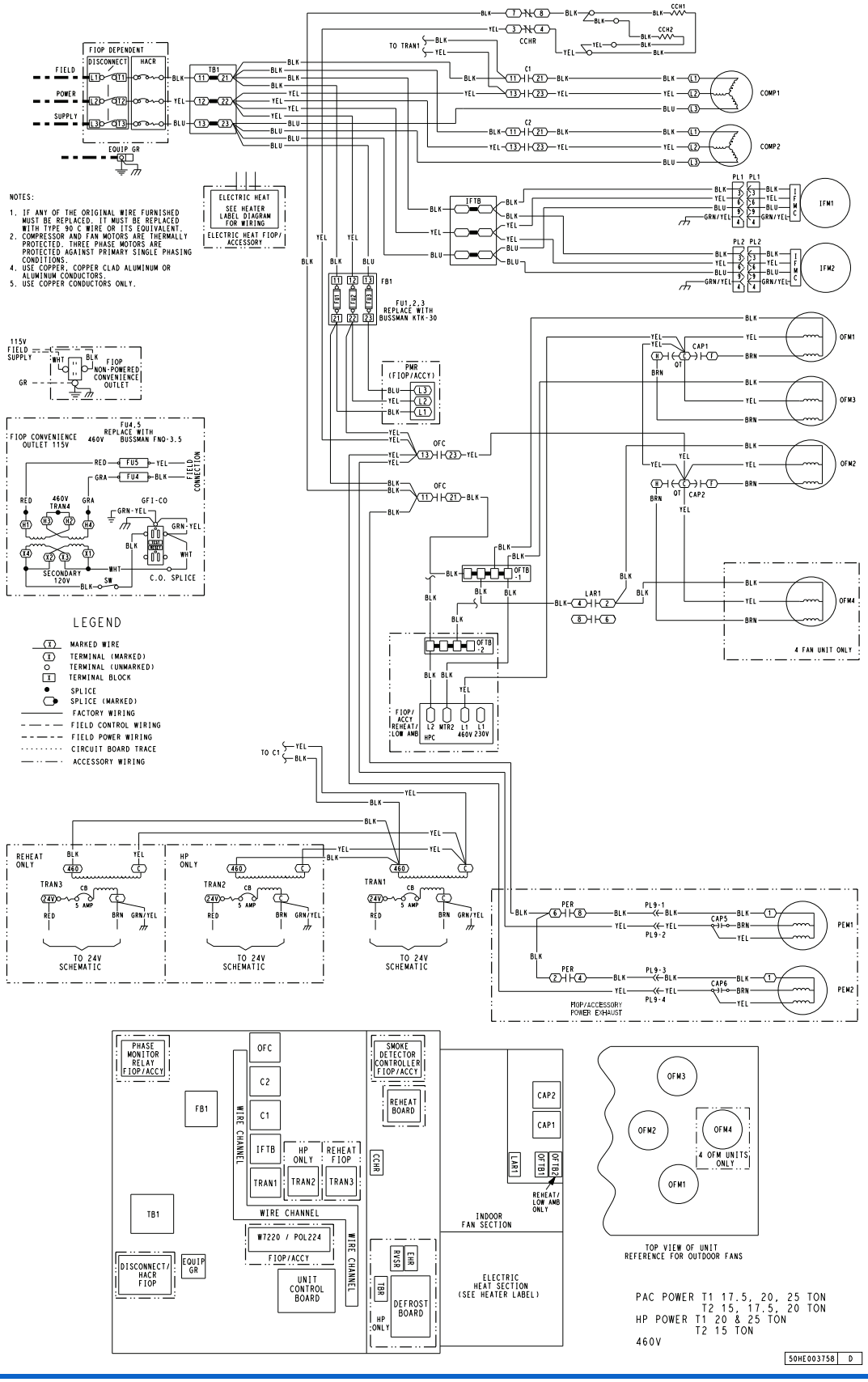
Typical wiring diagrams (cont)

Typical 50FCQ*17 Power Wiring Diagram, Electromechanical Controller, 15 Ton 460-3-60 Unit Shown



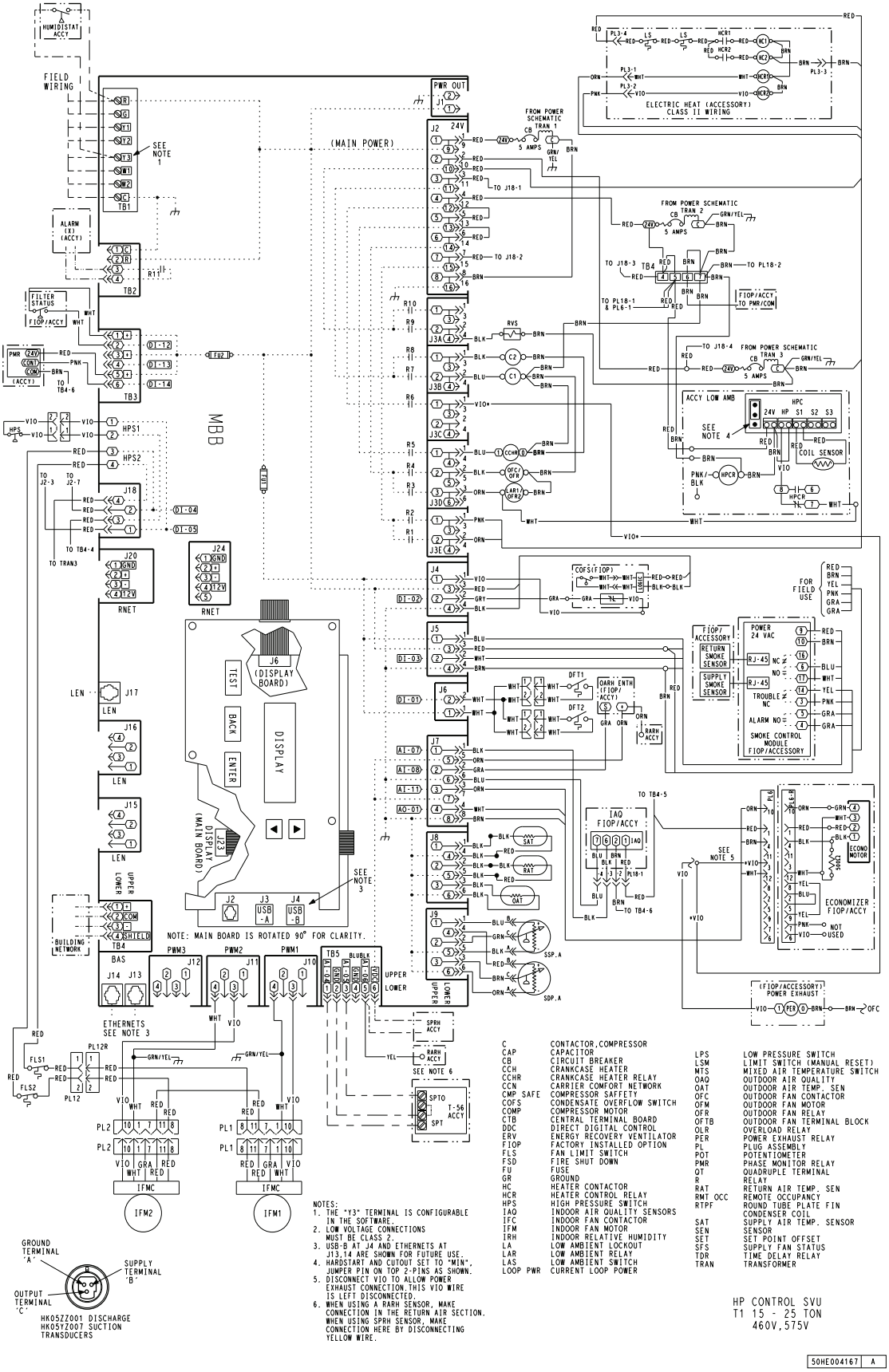
Typical wiring diagrams (cont)

Typical 50FCQ*24-28 Power Wiring Diagram, Electromechanical Controller, 460-3-60 Unit Shown



Typical wiring diagrams (cont)

Typical 50FCQ*17-28 Control Wiring Diagram, SystemVu™ Controller, 460-3-60 Unit Shown



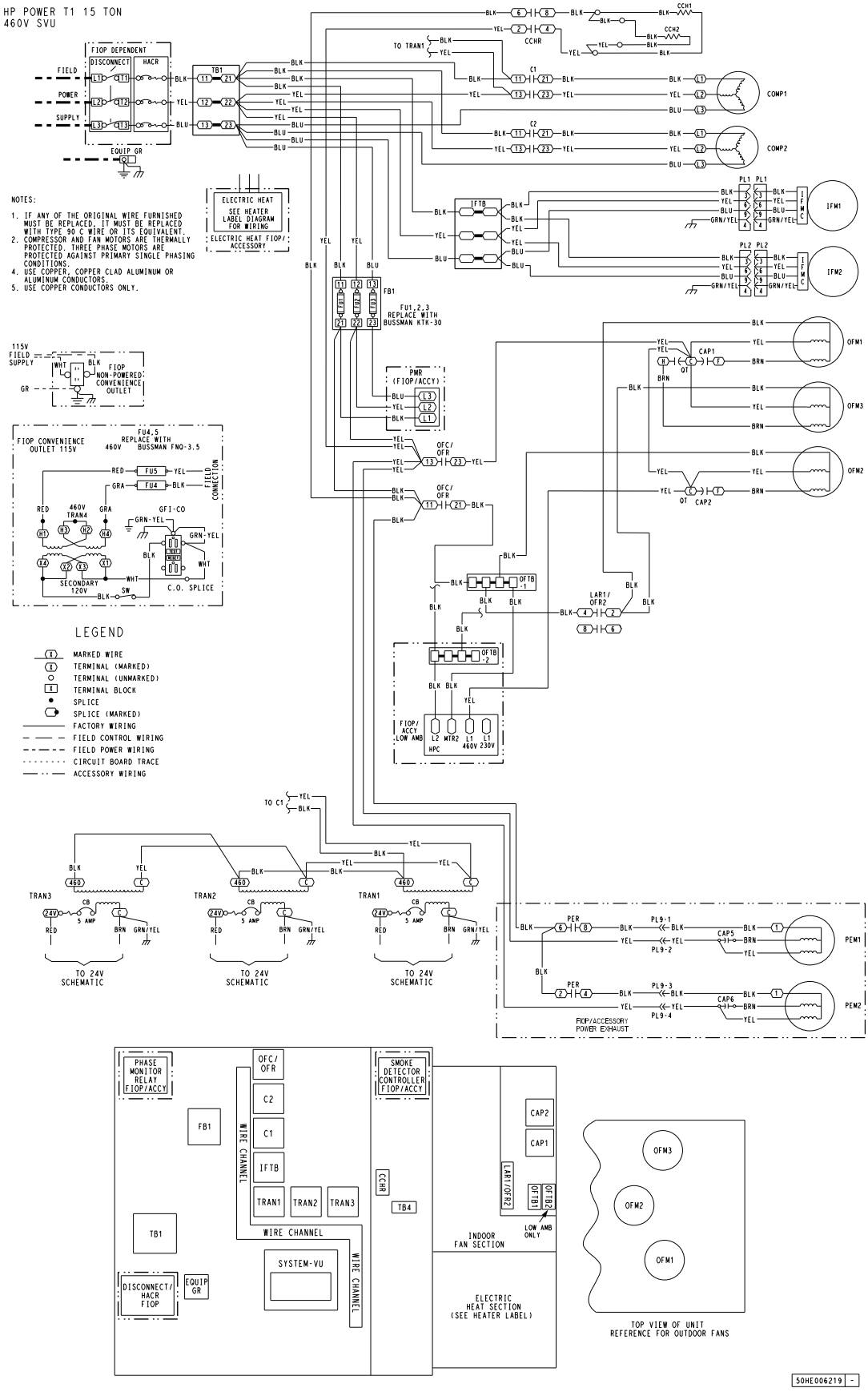
C	CONTACTOR,COMPRESSOR
CAP	CAPACITOR
CB	CIRCUIT BREAKER
CCH	CRANKCASE HEATER
CCHR	CRANKCASE HEATER RELAY
CCN	CARRIER COMFORT NETWORK
CMP SAFE	COMPRESSOR SAFFETY
COFS	CONDENSATE OVERFLOW SWITCH
COMP	COMPRESSOR MOTOR
CTB	CENTRAL TERMINAL BOARD
DDC	DIRECT DIGITAL CONTROL
ERV	ENERGY RECOVERY VENTILATOR
FIOP	FACTORY INSTALLED OPTION
FLS	FAN LIMIT SWITCH
FSD	FIRE SHUT DOWN
FU	FUSE
GR	GROUND
HC	HEATER CONTACTOR
HCR	HEATER CONTROL RELAY
HPS	HIGH PRESSURE SWITCH
IAQ	INDOOR AIR QUALITY SENSORS
IFC	INDOOR FAN CONTACTOR
IFM	INDOOR FAN MOTOR
IRH	INDOOR RELATIVE HUMIDITY
LA	LOW AMBIENT LOCKOUT
LAR	LOW AMBIENT RELAY
LAS	LOW AMBIENT SWITCH
LOOP PWR	CURRENT LOOP POWER
LPS	LOW PRESSURE SWITCH
LSM	LIMIT SWITCH (MANUAL RESET)
MTS	MIXED AIR TEMPERATURE SWITCH
OAQ	OUTDOOR AIR QUALITY
OAT	OUTDOOR AIR TEMP. SEN
OFC	OUTDOOR FAN CONTACTOR
OFM	OUTDOOR FAN MOTOR
OFR	OUTDOOR FAN RELAY
OFTB	OUTDOOR FAN TERMINAL BLOCK
OLR	OVERLOAD RELAY
PER	POWER EXHAUST RELAY
PL	PLUG ASSEMBLY
POT	POTENTIOMETER
PWR	PHASE MONITOR RELAY
QT	QUADRUPLE TERMINAL
R	RELAY
RAT	RETURN AIR TEMP. SEN
RMT OCC	REMOTE OCCUPANCY
RTPF	ROUND TUBE PLATE FIN CONDENSER COIL
SAT	SUPPLY AIR TEMP. SENSOR
SEN	SENSOR
SET	SET POINT OFFSET
SFS	SUPPLY FAN STATUS
TDR	TIME DELAY RELAY
TRAN	TRANSFORMER

NOTES:
1. THE "Y3" TERMINAL IS CONFIGURABLE IN THE SOFTWARE.
2. LOW VOLTAGE CONNECTIONS MUST BE CLASS 2.
3. USB-B AT J4 AND ETHERNETS AT J13,14 ARE SHOWN FOR FUTURE USE.
4. HARDSTART AND CUTOUT SET TO "MIN", JUMPER PIN ON TOP 2-PINS AS SHOWN.
5. DISCONNECT V1O TO ALLOW POWER EXHAUST CONNECTION.THIS V1O WIRE IS LEFT DISCONNECTED.
6. WHEN USING A RARH SENSOR, MAKE CONNECTION IN THE RETURN AIR SECTION. WHEN USING SPRH SENSOR, MAKE CONNECTION HERE BY DISCONNECTING YELLOW WIRE.

GROUND TERMINAL 'A'
SUPPLY TERMINAL 'B'
OUTPUT TERMINAL 'C'
HK05ZZ001 DISCHARGE
HK05YZ007 SUCTION
TRANSDUCERS

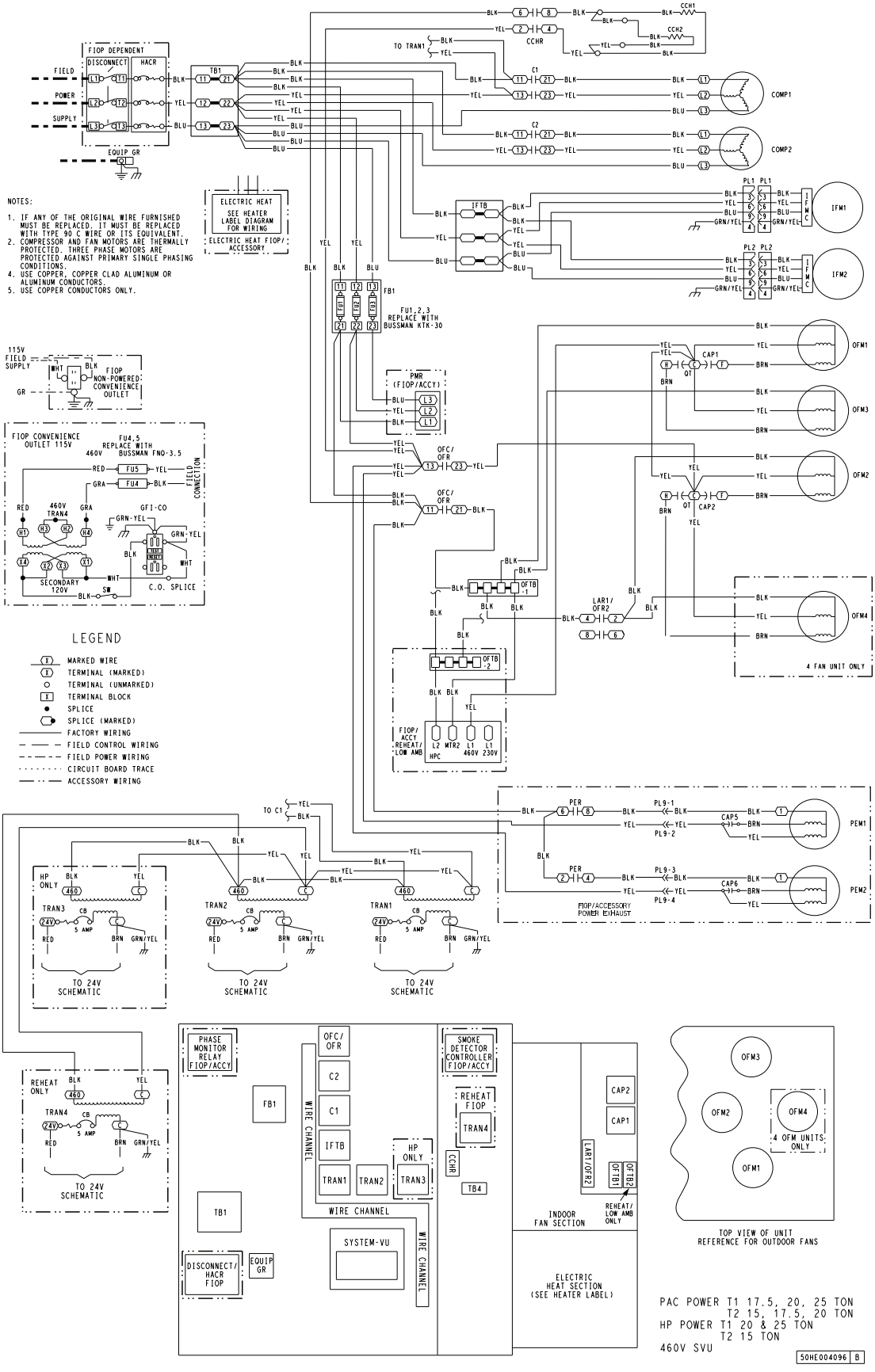
Typical wiring diagrams (cont)

Typical 50FCQ*17 Power Wiring Diagram, SystemVu™ Controller, 15 Ton 460-3-60 Unit Shown



Typical wiring diagrams (cont)

Typical 50FCQ*24-28 Power Wiring Diagram, SystemVu™ Controller, 460-3-60 Unit Shown



Sequence of operation

General

The sequence below describes the sequence of operation for an electromechanical unit with and without a factory-installed EconomizerONE (POL224 controller). For information regarding a direct digital controller, see the start-up, operations, and troubleshooting manual for the applicable controller.

Electromechanical units without economizer

Cooling

When the thermostat calls for cooling, terminals G and Y1 are energized. The indoor fan will run at the low fan speed and the C1 compressor contactor (CC) is energized causing the compressor and outdoor fan to run. The low indoor fan speed is 60% or 66% of the user set fan speed depending on unit size.

If additional cooling is needed, the thermostat will add the call for Y2. This will increase the indoor fan speed to the user set fan speed and energize the C2 contactor and second compressor for full compressor capacity. The outdoor fan is the same speed for Y1 and Y2.

When the thermostat removes the call for Y2 but leaves the Y1, the indoor fan will slow to the reduced percentage of the user set fan speed, the C2 contactor will de-energize, the second compressor will turn off, and the outdoor fan will remain on. When the thermostat removes the call for Y1 the compressor contactor will de-energize shutting down the compressor and the outdoor fan. When the thermostat removes the call for G, the indoor fan will turn off after the specific unit fan off delay.

NOTE: Per ASHRAE 90.1-2019 and IECC-2018 standards, during the first stage cooling operation the Unit Control Board (UCB) will adjust the fan motor speed to provide 60% or 66% of the total cfm established for the unit.

Defrost

When the temperature of the outdoor coil drops below 28°F (–2°C) as sensed by the defrost thermostat (DFT2) and the defrost timer is at the end of a timed period (adjustable at 30, 60, 90 or 120 minutes), the reversing valve solenoid (RVS) is energized and the OFC is de-energized. This switches the position of the reversing valve and shuts off the outdoor fan. The electric heaters (if installed) will be energized.

Heating, unit with economizer

Upon a request for heating from the space thermostat terminal, W1 will be energized with 24V. The indoor fan will run at high speed, and outdoor fan contactor (OFC), C1 and C2 will be energized in heating. The indoor fan, outdoor fans, and both stages of the compressor are energized. The reversing valve is de-energized and switch positions. The economizer is set to minimum position (ventilation position). If the space temperature continues to fall with W1 energized, W2 will bring on all electric heat (HC).

As the space temperature rises the W2 will de-energize and the compressors will continue to operate, until the thermostat set point is achieved de-energizing W1. If the thermostat is set to Auto, the indoor fan will de-energize and the economizer will close. If the indoor fan is set to On, the indoor fan will continue to operate and the economizer will remain at minimum position (vent position).

On units equipped for 2 stages of heat, when additional heat is needed, heater contactor no. 2 is energized through W2. The economizer damper moves to the minimum position. When the thermostat is satisfied, the damper moves to the fully closed position.

Heating, unit without economizer

Upon a request for heating from the space thermostat, terminal W1 will be energized with 24V. The IFC, outdoor fan contactor (OFC), C1, and C2 will be energized. The indoor fan, outdoor fans, and compressor no. 1, and compressor no. 2 are energized and reversing valves are de-energized and switch position.

If the space temperature continues to fall while W1 is energized, W2 will be energized with 24V, and the heater contactor(s) (HC) will be energized, which will energize the electric heater(s).

When the space thermostat is satisfied, W2 will be de-energized first, and the electric heater(s) will be de-energized. Upon a further rise in space temperature, W1 will be de-energized.

IMPORTANT: The thermostat must be configured for Electric Heat so it will energize G with the W1 call.

Electromechanical units with factory-installed EconomizerONE

When free cooling is not available, the compressors will be controlled by the zone thermostat. When free cooling is available, the outdoor-air damper is modulated by the EconomizerONE control to provide a 50°F (10°C) to 55°F (13°C) mixed-air temperature into the zone. As the mixed air temperature fluctuates above 55°F (13°C) or below 50°F (10°C) dampers will be modulated (open or close) to bring the mixed-air temperature back within control. If mechanical cooling is utilized with free cooling, the outdoor-air damper will maintain its current position at the time the compressor is started. If the increase in cooling capacity causes the mixed-air temperature to drop below 45°F (7°C), then the outdoor-air damper position will be decreased to the minimum position. If the mixed-air temperature continues to fall, the outdoor-air damper will close. Control returns to normal once the mixed-air temperature rises above 48°F (9°C). The power exhaust fans will be energized and de-energized, if installed, as the outdoor-air damper opens and closes.

If field-installed accessory CO_2 sensors are connected to the EconomizerONE control, a demand controlled ventilation strategy will begin to operate. As the CO_2 level in the zone increases above the CO_2 set-point (on the EconomizerONE controller), the minimum position of the damper will be increased proportionally until the Maximum Ventilation setting is reached. As the CO_2 level decreases because of the increase in fresh air, the outdoor-air damper will follow the higher demand condition from either the DCV mode or from the free cooling mode. For EconomizerONE operation, there must be a thermostat call for the fan (G). If the unit is occupied and the fan is on, the damper will operate at minimum position. Otherwise, the damper will be closed.

When the EconomizerONE control is in the occupied mode and a call for cooling exists (Y1 on the thermostat), the control will first check for indoor fan operation. If the fan is not on, then cooling will not be activated. If the fan is

on, then the control will open the EconomizerONE damper to the minimum position.

On the initial power to the EconomizerONE control, it will take the damper up to 2-1/2 minutes before it begins to position itself. After the initial power-up, further changes in damper position can take up to 90 seconds to initiate. Damper movement from full closed to full open (or vice versa) will take between 1-1/2 and 2-1/2 minutes. If free cooling can be used as determined from the appropriate changeover command (dry bulb, outdoor enthalpy, differential dry bulb, or differential enthalpy), then the control will modulate the dampers open and closed to maintain the mixed-air temperature set-point at 50°F (10°C) to 55°F (13°C). If there is a further demand for cooling (cooling second stage — Y2 is energized), then the control will bring on compressor stage 1 to maintain the mixed-air temperature setpoint. The EconomizerONE damper will be open at maximum position.

NOTE: On 2-speed units, the EconomizerONE controller will adjust the damper position as the Indoor Fan Speed changes, per its configured values.

Heating

The sequence of operation for the heating is the same as an electromechanical unit without economizer. The only difference is how the economizer acts. The economizer will stay at the Economizer Minimum Position while the evaporator fan is operating. The outdoor-air damper is closed when the indoor fan is not operating. Refer to Service and Maintenance manual for further details.

SystemVu™ controller (factory option)

For details on operating 50FCQ units equipped with the factory-installed SystemVu controller option, refer to FCQ/GCQ Series Single Package Rooftop Units with SystemVu Controller Controls, Start-Up, Operation and Troubleshooting manual.

Application data

Minimum operating ambient temperature (cooling)

In mechanical cooling mode, your Carrier rooftop unit can safely operate down to an outdoor ambient temperature of 40°F (4°C). It is possible to provide cooling at lower outdoor ambient temperatures by using less outside air, economizers, and/or accessory low ambient kits.

Maximum operating ambient temperature (cooling)

The maximum operating ambient temperature for cooling mode is 125°F (52°C). While cooling operation above 125°F (52°C) may be possible, it could cause either a reduction in performance, reliability, or a protective action by the unit's internal safety devices.

Multiple motor and drive packages

Some applications need larger horsepower motors, some need more airflow, and some need both. Regardless of the case, your Carrier expert has a factory installed combination to meet your application. A wide selection of motors are available, factory installed, to handle nearly any application.

Minimum and maximum airflow (heating and cooling)

To maintain safe and reliable operation of your rooftop, operate within the heating airflow limits during heating mode and cooling airflow limits during cooling mode. Operating above the maximum may cause blow-off, undesired airflow noise, or airflow related problems with the rooftop unit. Operating below the minimum may cause problems with coil freeze-up and unsafe heating operation. Heating and cooling limitations differ when evaluating operating CFM, minimum value is the HIGHER of the cooling and heating minimum CFM values published on page 6 and the maximum value is the LOWER of the cooling and heating minimum values published on page 6.

Heating-to-cooling changeover

Your unit will automatically change from heating to cooling mode when using a thermostat with an auto-changeover feature.

Airflow

All units are draw-though in cooling mode and blow-through in heating mode.

Outdoor air application strategies

Economizers reduce operating expenses and compressor run time by providing a free source of cooling and a means of ventilation to match application changing needs. In fact, they should be considered for most applications. Also, consider the various economizer control methods and their benefits, as well as sensors required to accomplish your application goals. Please contact your local Carrier representative for assistance.

Motor limits, brake horsepower (bhp)

Due to internal design of Carrier units, the air path, and specially designed motors, the full horsepower (maximum continuous bhp) band, as listed in the Fan Performance tables, can be used with the utmost confidence. There is no need for extra safety factors, as Carrier motors are designed and rigorously tested to use the entire, listed bhp range without either nuisance tripping or premature motor failure.

Sizing a rooftop

Bigger is not necessarily better. While an air conditioner needs to have enough capacity to meet the design loads, it does not need excess capacity. In fact, excess capacity typically results in very poor part load performance and humidity control.

Using higher design temperatures than ASHRAE recommends for your location, adding "safety factors" to the calculated load, are all signs of oversizing air conditioners. Oversizing the air conditioner leads to poor humidity control, reduced efficiency, higher utility bills, larger indoor temperature swings, excessive noise, and increased wear and tear on the air conditioner.

Rather than oversizing an air conditioner, engineers should "right-size" or even slightly "under-size" air conditioners. Correctly sizing an air conditioner controls humidity better; promotes efficiency; reduces utility bills; extends equipment life, and maintains even, comfortable temperatures. Please contact your local Carrier representative for assistance.

Low ambient applications

The optional Carrier economizer can adequately cool your space by bringing in fresh, cool outside air. In fact, when so equipped, accessory low-ambient kit may not be necessary. In low ambient conditions, unless the outdoor air is excessively humid or contaminated, economizer-based "free cooling" is the preferred less costly and energy conscious method. In low ambient applications where outside air might not be desired (such as contaminated or excessively humid outdoor environments), your Carrier rooftop can operate to ambient temperatures down to –0°F (–18°C) using the recommended accessory low ambient controller.

Guide specifications

Note about this specification:

This specification is in the "Masterformat" as published by the Construction Specification Institute. Please feel free to copy this specification directly into your building spec.

Cooling Only/Electric Heat Packaged Rooftop Heat Pump

HVAC Guide Specifications

Size Range: **15 to 25 Nominal Tons**

Carrier Model Number: **50FCQ*17-28**

Part 1 — (23 06 80) Schedules for Decentralized HVAC Equipment

1.01 (23 06 80.13) Decentralized Unitary HVAC Equipment Schedule:

A. (23 06 80.13.A.) Rooftop Unit (RTU) Schedule:

1. Schedule is per the project specification requirements.

Part 2 — (23 07 16) HVAC Equipment Insulation

2.01 (23 07 16.13) Decentralized, Rooftop Units:

A. (23 07 16.13.A.) Evaporator Fan Compartment:

1. Interior cabinet surfaces shall be insulated with a minimum 1/2 in. thick, minimum 1-1/2 lb density, flexible fiberglass insulation bonded with a phenolic binder, neoprene coated on the air side.
2. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.

B. (23 07 16.13.B.) Electric Heat Compartment:

1. Aluminum foil-faced fiberglass insulation shall be used.
2. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.

Part 3 — (23 09 13) Instrumentation and Control Devices for HVAC

3.01 (23 09 13.23) Sensors and Transmitters:

A. (23 09 13.23.A.) Thermostats:

Thermostat must:

a. energize both "W" and "G" when calling for heat.

b. have capability to energize 1 or 2 different stages of cooling, and 2 different stages of heating.

c. include capability for occupancy scheduling.

Part 4 — (23 09 23) Direct Digital Control system for HVAC

4.01 (23 09 23.13) Decentralized, Rooftop Units:

A. (23 09 23.13.A.) SystemVu™ intelligent integrated Direct Digital Control (DDC) shall provide:

1. Integrated unit operation for comfort cooling, heating ventilation as well as all monitoring, recording and reporting capabilities. Controller shall also provide diagnostics and alarms of abnormal unit operation through the controller. Controller shall have an intuitive user display and be able to be used in a standalone operation or via building automation system (BAS).
2. Quick Unit Status LEDs of: RUN — meaning all systems are go, ALERT — that indicates there is currently a non-critical issue with the unit, like filters need to be replaced and FAULT — that indicates the unit has a critical issue and will possibly shut down.
3. Six large navigation keys for easy access. Navigation keys shall consist of: TEST, BACK, ENTER, and MENU along with UP and DOWN arrows.
4. Full back lit user display with 4 line by 30 character text capabilities. Display menu shall be designed to provide guided major menus and sub menus main menus provided below:
   a. Shutdown Unit
   b. Run Status
   c. Settings
   d. Alerts/Faults
   e. Service
   f. Inputs
   g. Outputs
   h. USB
5. The capability for standalone operation with conventional thermostat/sensor or use with building automation systems (BAS) of Carrier i-Vu®, BACnet[1] MS/TP and Carrier Comfort Network® (CCN) systems. No special modules or boards are required for these capabilities. Has the capability to work with Equipment Touch™ and System Touch™ devices and ZS Sensors.
6. The ability to read refrigerant pressures at display or via BAS network of; Discharge Pressure and Suction Pressure. The need for traditional refrigerant gauges is not required.
7. USB Data Port for flash drive interaction. This will allow the transfer of data for uploads, downloads, perform software upgrades, back-up and restore data and file transfer data such as component number of starts and run hours.
8. Reverse Rotation Protection of compressors if field 3-phase wiring is misapplied.

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9. Provide Service Capabilities of:
   a. Auto run test
   b. Manual run test
   c. Component run hours and starts
   d. Commissioning reports
   e. Data logging
   f. Alarm history
10. Economizer control and diagnostics. Set up economizer operation, receive feedback from actuator. Also meets the most recent California Title 24, ASHRAE 90.1 and IECC®[1] Fault Detection and Diagnostic (FDD) requirements.
11. Unit cooling operation down to 40°F (4°C).
12. Controller shall have easy access connections around the controller perimeter area and consist of Mate-N-Lok®[1], terminal block and RJ style modular jack connections.
13. 365 day real time clock, 20 holiday schedules along with occupied and unoccupied scheduling.
14. Auto-Recognition for easy installation and commissioning of devices like economizers, space sensors, etc.
15. A 5°F (2.8°C) temperature difference between cooling and heating set points to meet the latest ASHRAE 90.1 Energy Standard.
16. Contains return air sensor, supply air sensor and outdoor air sensor to help monitor and provide data for the unit comfort operation, diagnostic and alarms.
17. Use of Carrier's field accessory hand-held Navigator™ display, Equipment Touch and System Touch devices.
18. Supply Air Tempering control operates the electric heat to maintain a minimum supply air temperature during conditions where very cold outdoor air causes the supply air temperature to fall below the configured Supply Air Tempering Setpoint. This occurs during periods where DCV is active and increasing the amount of outdoor air or in cases where the system is operating at very low airflow and the calculated economizer position has increased to maintain a constant ventilation rate.
19. Demand limiting in units with SystemVu™ controller is achieved through set point expansion. The systems heating and cooling set points are expanded in steps or levels. The degree to which the set points may be expanded is defined by the 6 demand level offsets and the 2 commanded demand limit levels.
20. 3-year limited part warranty.

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Part 5 — (23 09 33) Electric and Electronic Control System for HVAC

5.01 (23 09 33.13) Decentralized, Rooftop Units:

A. (23 09 33.13.A.) General:
   1. Shall be complete with self-contained low-voltage control circuit protected by a resettable circuit breaker on the 24-v transformer side. Transformer shall have 75 VA capability.
   2. Shall utilize color-coded wiring.
   3. Shall include a Unit Control Board to conveniently and safely provide connection points for vital control functions such as: smoke detectors, phase monitor, economizer, thermostat, DDC control options, and low and high pressure switches. Controller shall also provide an intuitive means to adjust the indoor fan speed through a simple switch and pot adjustment design.
   4. Unit shall include a minimum of one 8-pin screw terminal connection board for connection of control wiring.
   5. Shall include integrated defrost system to prevent excessive frost accumulation during heating duty, and shall be controlled as follows:
      a. Defrost shall be initiated on the basis of time and coil temperature.
      b. A 30, 60, 90, 120 minute timer shall activate the defrost cycle only if the coil temperature is low enough to indicate a heavy frost condition.
      c. Defrost cycle shall terminate when defrost thermostat is satisfied and shall have a positive termination time of 10 minutes.
   6. Defrost system shall also include:
      a. Defrost Cycle Indicator LED.
      b. DIP switch selectable defrost time between 30, 60, 90 and 120 minutes. Factory set at 30 minutes.
      c. Molded plug connection to ensure proper connection.

B. (23 09 33.13.B.) Safeties:
   1. Compressor over-temperature, over-current. High internal pressure differential.
   2. Low Pressure Switch.
      a. Low pressure switch shall use different color wire than the high pressure switch. The purpose is to assist the installer and service technician to correctly wire and or troubleshoot the rooftop unit.
   3. High Pressure Switch.
      a. High pressure switch shall use different color wire than the low pressure switch. The purpose is to assist the installer and service technician to correctly wire and or troubleshoot the rooftop unit.
   4. Automatic reset, motor thermal overload protector.

Part 6 — (23 09 93) Sequence of Operation for HVAC Controls

6.01 (23 09 93.13) Decentralized, Rooftop Units:

A. (23 09 93.13.A.) INSERT SEQUENCE OF OPERATION

Part 7 — (23 40 13) Panel Air Filters

7.01 (23 40 13.13) Decentralized, Rooftop Units:

A. (23 40 13.13.A.) Standard Filter Section:

1. Shall consist of factory installed, low velocity, disposable 2 in. thick fiberglass filters of commercially available sizes.
2. Filters shall be accessible through a dedicated, weather tight access pane.
3. Four-inch filter capabilities shall be capable with pre-engineered and approved Carrier filter track field installed accessory. This kit requires field furnished filters.

Part 8 — (23 81 19) Self-Contained Air Conditioners

8.01 (23 81 19.13) Small-Capacity Self-Contained Air Conditioners:

A. (23 81 19.13.A.) General:

1. Outdoor, rooftop mounted, electrically controlled, heating and cooling unit utilizing fully hermetic scroll compressors for cooling duty and optional electric heat for heating duty.
2. Factory assembled, single-piece heating and cooling rooftop unit. Contained within the unit enclosure shall be all factory wiring, piping, controls, and special features required prior to field start-up.
3. Unit shall use Puron® (R-410A) refrigerant.
4. Unit shall be installed in accordance with the manufacturer's instructions.
5. Unit must be selected and installed in compliance with local, state, and federal codes.

B. (23 81 19.13.B.) Quality Assurance:

1. Unit meets ASHRAE 90.1 minimum efficiency requirements.
2. Unit shall be rated in accordance with AHRI Standards 340/360.
3. Unit shall be designed to conform to ASHRAE 15.
4. Unit shall be UL-tested and certified in accordance with ANSI Z21.47 Standards and UL-listed and certified under Canadian standards as a total package for safety requirements.
5. Insulation and adhesive shall meet NFPA 90A requirements for flame spread and smoke generation.
6. Unit casing shall be capable of withstanding 500 hour salt spray exposure per ASTM B117 (scribed specimen).
7. Unit shall be designed in accordance with ISO 9001, and shall be manufactured in a facility registered by ISO 9001:2015.
8. Roof curb shall be designed to conform to NRCA Standards.
9. Unit shall be subjected to a completely automated run test on the assembly line. The data for each unit will be stored at the factory, and must be available upon request.
10. Unit shall be designed in accordance with UL Standard 60335-2-40, including tested to withstand rain.
11. Unit shall be constructed to prevent intrusion of snow and tested to prevent snow intrusion into the control box up to 40 mph.
12. Unit shake tested to assurance level 1, ASTM D4169 to ensure shipping reliability.

C. (23 81 19.13.C.) Delivery, Storage, and Handling:

1. Unit shall be stored and handled per manufacturer's recommendations.
2. Lifted by crane requires either shipping top panel or spreader bars.
3. Unit shall only be stored or positioned in the upright position.

D. (23 81 19.13.D.) Project Conditions:

1. As specified in the contract.

E. (23 81 19.13.E.) Operating Characteristics:

1. Unit shall be capable of starting and running at 125°F (52°C) ambient outdoor temperature meeting maximum load criteria of AHRI Standard 340/360 at ±10% voltage.
2. Compressor with standard controls shall be capable of operation down to 40°F (4°C) ambient outdoor temperatures. Accessory winter start kit is necessary if mechanically cooling at ambient temperatures down to 25°F (–4°C) or 0°F (–18°C).
3. Unit shall discharge supply air vertically or horizontally as shown on contract drawings.
4. Unit shall be factory configured for vertical supply and return configurations or horizontal supply and return configurations. Dedicated models provided with no special air conversion kits required.

F. (23 81 19.13.F.) Electrical Requirements:

1. Main power supply voltage, phase, and frequency must match those required by the manufacturer.

G. (23 81 19.13.G.) Unit Cabinet:

1. Unit cabinet shall be constructed of galvanized steel, and shall be bonderized and coated with a prepainted baked enamel finish on all externally exposed surfaces.
2. Unit cabinet exterior paint shall be: film thickness, (dry) 0.003 in. minimum, gloss (per ASTM D523, 60°F/16°C): 60, Hardness: H-2H Pencil hardness.
3. Evaporator fan compartment interior cabinet insulation shall conform to AHRI Standards 340/360 minimum exterior sweat criteria.

Interior surfaces shall be insulated with a minimum 1/2 in. thick, 1 lb density, flexible fiberglass insulation, neoprene coated on the air side. Aluminum foil-faced fiberglass insulation shall be used in the heat compartment.

4. Base of unit shall have a minimum of 4 locations for thru-the-base gas and electrical connections (factory-installed or field-installed), standard.
5. Base Rail:
   a. Unit shall have base rails on a minimum of 2 sides.
   b. Holes shall be provided in the base rails for rigging shackles to facilitate maneuvering and overhead rigging.
   c. Holes shall be provided in the base rail for moving the rooftop by fork truck.
   d. Base rail shall be a minimum of 16 gauge thickness.
6. Condensate Pan and Connections:
   a. Shall be a sloped condensate drain pan made of a corrosion resistant material.
   b. Shall comply with ASHRAE Standard 62.
   c. Shall use a 3/4 in. 14 NPT drain connection, possible either through the bottom or side of the drain pan. Connection shall be made per manufacturer's recommendations.
7. Top Panel:
   a. Shall be a multi-top panel with watertight flanges and locking systems.
8. Electrical Connections:
   a. All unit power wiring shall enter unit cabinet at a single, factory prepared, knockout location.
   b. Thru-the-Base Capability.
      1) Thru-the-base provisions/connections are available as standard with every unit. When bottom connections are required, field furnished couplings are required.
      2) No basepan penetration, other than those authorized by the manufacturer, is permitted.
9. Component Access Panels (standard):
   a. Cabinet panels shall be easily removable for servicing.
   b. Unit shall have large removable, filter access panel.
   c. Panels covering control box, indoor fan, indoor fan motor, gas components (where applicable), and compressors shall have molded composite handles.
   d. Handles shall be UV modified, composite. They shall be permanently attached, and recessed into the panel.
   e. Screws on the vertical portion of all removable access panel shall engage into heat resistant, molded composite collars.
   f. Collars shall be removable and easily replaceable using manufacturer recommended parts.

H. (23 81 19.13.H.) Coils:
   1. Standard Aluminum Fin-Copper Tube Coils:
      a. Standard evaporator and condenser coils shall have aluminum lanced plate fins mechanically bonded to seamless internally grooved copper tubes with all joints brazed.
      b. Evaporator coils shall be leak tested to 150 psig, pressure tested to 450 psig, and qualified to UL 1995 burst test at 1775 psig.
      c. Condenser coils shall be leak tested to 150 psig, pressure tested to 650 psig, and qualified to UL 1995 burst test at 1980 psig.
   2. Optional Pre-Coated Aluminum-Fin Condenser Coils:
      a. Shall have a durable epoxy-phenolic coating to provide protection in mildly corrosive coastal environments.
      b. Coating shall be applied to the aluminum fin stock prior to the fin stamping process to create an inert barrier between the aluminum fin and copper tube.
      c. Epoxy-phenolic barrier shall minimize galvanic action between dissimilar metals.
      d. Corrosion durability of fin stock shall be confirmed through testing to be no less than 1000 hours salt spray per ASTM B117-90.
      e. Corrosion durability of fin stock shall be confirmed through testing to have no visible corrosion after 48 hour immersion in a room temperature solution of 5% salt, 1% acetic acid.
      f. Fin stock coating shall pass 2000 hours of the following: one week exposure in the prohesion chamber followed by one week of accelerated ultraviolet light testing. Prohesion chamber: the solution shall contain 3.5% sodium chloride and 0.35% ammonium sulfate. The exposure cycle is one hour of salt fog application at ambient followed by one hour drying at 95°F (35°C).
   3. Optional Copper-Fin Evaporator and Condenser Coils:
      a. Shall be constructed of copper fins mechanically bonded to copper tubes and copper tube sheets.
      b. Galvanized steel tube sheets shall not be acceptable.
      c. A polymer strip shall prevent coil assembly from contacting the sheet metal coil pan to minimize potential for galvanic corrosion between coil and pan.

4. Optional E-Coated Aluminum-Fin Evaporator and Condenser Coils:
   a. Shall have a flexible epoxy polymer coating uniformly applied to all coil surface areas without material bridging between fins.
   b. Coating process shall ensure complete coil encapsulation of tubes, fins and headers.
   c. Color shall be high gloss black with gloss per ASTM D523-89.
   d. Uniform dry film thickness from 0.8 to 1.2 mil on all surface areas including fin edges.
   e. Superior hardness characteristics of 2H per ASTM D3363-92A and cross-hatch adhesion of 4B-5B per ASTM D3359-93.
   f. Impact resistance shall be up to 160 in.-lb (ASTM D2794-93).
   g. Humidity and water immersion resistance shall be up to minimum 1000 and 250 hours respectively (ASTM D2247-92 and ASTM D870-92).
   h. Corrosion durability shall be confirmed through testing to be no less than 1000 hours salt spray per ASTM B117-90.

I. (23 81 19.13.I.) Refrigerant Components:
   1. Refrigerant circuit shall include the following control, safety, and maintenance features:
      a. Thermostatic Expansion Valve (TXV) shall help provide optimum performance across the entire operating range. Shall contain removable power element to allow change out of power element and bulb without removing the valve body.
      b. Refrigerant filter drier — Solid core design.
      c. Service gauge connections on suction and discharge lines.
      d. Suction line accumulator to provide protection in all operating modes from cooling, heating and reverse cycle switching.
   2. Compressors:
      a. Unit shall use 2 tandem scroll compressors on single independent refrigeration circuit.
      b. Units shall have single circuit and 2 stage cooling with 2 compressors.
      c. Evaporator coils shall be a full active design to help better control comfort latent removal.
      d. Compressor motors shall be cooled by refrigerant gas passing through motor windings.
      e. Compressors shall be internally protected from high discharge temperature conditions.
      f. Compressors shall be protected from an over-temperature and over-amperage conditions by an internal, motor overload device.
      g. Compressor shall be factory mounted on rubber grommets.
      h. Compressor motors shall have internal line break thermal, current overload and high pressure differential protection.
      i. Crankcase heaters shall not be required for normal operating range, unless required by compressor manufacturer due to refrigerant charge limits.
      j. Compressors shall be a 2 stage cooling capacity design.

J. (23 81 19.13.J.) Return Air Filter Section:
   1. Filters access is specified in the unit cabinet section of this specification.
   2. Filters shall be held in place by a pivoting filter tray, facilitating easy removal and installation.
   3. Shall consist of factory installed, low velocity, throw-away 2 in. thick fiberglass filters.
   4. Filters shall be standard, commercially available sizes.
   5. Only one size filter per unit is allowed.

K. (23 81 19.13.K.) Evaporator Fan and Motor with EcoBlue™ Technology:
   1. Direct Drive Evaporator Fan Motor:
      a. Shall be a ECM motor design.
      b. Shall have permanently lubricated bearings.
      c. Shall have inherent automatic-reset thermal overload protection.
      d. Shall have slow ramp up to speed capabilities.
      e. Shall require no fan/motor belts for operation, adjustments and or initial fan speed set up.
      f. Fan DC voltage set up on Unit Control Board can eliminate the need of removal of blower access door, required on conventional belt drive systems.
      g. Shall be internally protected from electrical phase reversal and loss.
   2. Evaporator Fan:
      a. Shall be easily set with dedicated selection switch and adjustment pot on unit control board or through SystemVu™ controller.
      b. Shall provide 2 stage cooling capacity control, the indoor fan speed is automatically controlled to meet the code-compliant <66% low fan speed and 100% at full fan speed operation.
      c. Blower fan shall be a Vane Axial fan design with 75% less moving parts than a conventional belt drive system.
      d. Shall be constructed of a cast aluminum stator and high impact composite material on stator, rotor and air inlet casing.
      e. Shall be a patented design with a corrosion resistant material and dynamically balanced.
      f. Shall have slow ramp up to speed capabilities to help reduce sound and comfort issues

typically associated with single speed belt drive systems.

g. Units shall contain 2 separate vane axial fan assemblies.

h. Shall be a slide out design with removal of a few support brackets.

3. Shall include an easily accessible Unit Control Board to conveniently and safely provide connection points for vital control functions such as: smoke detectors, phase monitor, economizer, thermostat, DDC control options, and low, high and mixed air temperature switches. Controller shall also provide an intuitive means to adjust the indoor fan speed through a simple switch and pot adjustment design.

L. (23 81 19.13.L.) Condenser Fans and Motors:

1. Condenser Fan Motors:

a. Shall be a totally enclosed motor.

b. Shall use permanently lubricated bearings.

c. Shall have inherent thermal overload protection with an automatic reset feature.

d. Shall use a shaft-down design on all sizes.

2. Condenser Fans:

a. Shall be a direct-driven propeller type fan.

b. Shall have galvalum blades riveted to steel spider that have corrosion-resistant properties and shall be dynamically balanced.

M. (23 81 19.13.M.) Special Features Options and Accessories:

1. Integrated EconomizerONE and EconoMi$er® 2 Low Leak Rate Models.

a. Integrated, gear driven opposing modulating blade design type capable of simultaneous economizer and compressor operation.

b. Independent modules for vertical or horizontal return configuration shall be available. Vertical return modules shall be available as a factory installed option.

c. Damper blades shall be galvanized steel with composite gears. Plastic or composite blades on intake or return shall not be acceptable.

d. Shall include all hardware and controls to provide free cooling with outdoor air when temperature and/or humidity are below setpoints.

e. Shall be equipped with gear driven dampers for both the outdoor ventilation air and the return air for positive air stream control.

f. Standard leak rate shall be equipped with dampers not to exceed 2% leakage at 1 in. wg pressure differential.

g. Economizer controller on EconomizerONE models shall be Siemens POL224 that provides:

1) Combined minimum and DCV maximum damper position potentiometers with compressor staging relay.

2) Functions with solid-state analog enthalpy or dry bulb changeover control sensing.

3) LED indicators for free cooling, sensor, and damper operation.

4) One-line LCD interface screen for setup, configuration and troubleshooting.

5) Optional configuration via WLAN stick and Siemens Climatix™[1] smartphone app for easy setup.

6) On-board Fault Detection and Diagnostics (FDD) that senses and alerts when the economizer is not operating properly, per California Title 24, ASHRAE 90.1 and IECC.

7) Sensor failure loss of communication identification.

8) Capabilities for use with multiple-speed or single speed indoor fan systems.

9) Utilize digital sensors: Dry bulb and Enthalpy.

h. Economizer controller on EconoMi$er 2 models with SystemVu™ controls shall be a 4 to 20 mA design controlled directly by the controller. SystemVu controller meets California Title 24, ASHRAE 90.1 and IECC Fault Detection and Diagnostic (FDD) requirements.

i. Shall be capable of introducing up to 100% outdoor air.

j. Shall be equipped with a barometric relief damper capable of relieving up to 100% return air and contain seals that meet ASHRAE 90.1 requirements.

k. Shall be designed to close damper(s) during loss-of-power situations with spring return built into motor.

l. Dry bulb outdoor air temperature sensor shall be provided as standard. Enthalpy sensor is also available on factory installed only. Outdoor air sensor setpoint shall be adjustable and shall range from 40°F to 100°F (4°C to 38°C). Additional sensor options shall be available as accessories.

m. The economizer controller shall also provide control of an accessory power exhaust unit function. Factory set at 100%, with a range of 0% to 100%.

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n. The economizer shall maintain minimum airflow into the building during occupied period and provide design ventilation rate for full occupancy.

o. Dampers shall be completely closed when the unit is in the unoccupied mode.

p. Economizer controller shall accept a 0 to 10 vdc CO_2 sensor input for IAQ/DCV control. In this mode, dampers shall modulate the outdoor air damper to provide ventilation based on the sensor input.

q. Compressor lockout temperature on POL224 control is adjustable from –45°F to 80°F (–43°C to 27°C), set at a factory default of 32°F (0°C).

r. Actuator shall be direct coupled to economizer gear. No linkage arms or control rods shall be acceptable.

s. Shall contain LED indication for free cooling, sensor, and damper operation.

2. Integrated EconomizerONE and EconoMi$er® 2 Ultra Low Leak Rate Models.

a. Integrated, gear driven opposing modulating blade design type capable of simultaneous economizer and compressor operation.

b. Independent modules for vertical or horizontal return configuration shall be available. Vertical return modules shall be available as a factory-installed option.

c. Damper blades shall be galvanized steel with composite gears. Plastic or composite blades on intake or return shall not be acceptable.

d. Shall include all hardware and controls to provide free cooling with outdoor air when temperature and/or humidity are below setpoints.

e. Shall be equipped with gear driven dampers for both the outdoor ventilation air and the return air for positive air stream control.

f. Ultra Low Leak design meets California Title 24 section 140.4 and ASHRAE 90.1 requirements for 4 cfm per sq ft on the outside air dampers and 10 cfm per sq ft on the return dampers.

g. Economizer controller on EconomizerONE models shall be the Siemens POL224 that provides:

1) One-line LCD interface screen for setup, configuration and troubleshooting.

2) Optional configuration via WLAN stick and Siemens Climatix™ smartphone app for easy setup.

3) On-board Fault Detection and Diagnostics (FDD) that senses and alerts when the economizer is not operating properly, per California Title 24, ASHRAE 90.1 and IECC.

4) Sensor failure loss of communication identification.

5) Capabilities for use with multiple-speed indoor fan systems.

6) Utilize digital sensors: Dry bulb and Enthalpy.

h. Economizer controller on EconoMi$er 2 models with SystemVu™ controls shall be a 4-20mA design controlled directly by the controller. SystemVu controller meets California Title 24, ASHRAE 90.1 and IECC Fault Detection and Diagnostic (FDD) requirements.

i. Shall be capable of introducing up to 100% outdoor air.

j. Shall be equipped with a barometric relief damper capable of relieving up to 100% return air and contain seals that meet ASHRAE 90.1 requirements.

k. Shall be designed to close damper(s) during loss-of-power situations with spring return built into motor.

l. Dry bulb outdoor air temperature sensor shall be provided as standard. Enthalpy sensor is also available on factory installed only. Outdoor air sensor setpoint shall be adjustable and shall range from 40°F to 100°F (4°C to 38°C). Additional sensor options shall be available as accessories.

m. The economizer controller shall also provide control of an accessory power exhaust unit function. Factory set at 100%, with a range of 0% to 100%.

n. The economizer shall maintain minimum airflow into the building during occupied period and provide design ventilation rate for full occupancy.

o. Dampers shall be completely closed when the unit is in the unoccupied mode.

p. Economizer controller shall accept a 0 to 10 vdc CO_2 sensor input for IAQ/DCV control. In this mode, dampers shall modulate the outdoor air damper to provide ventilation based on the sensor input.

q. Compressor lockout temperature on POL224 control is adjustable from –45°F to 80°F (–43°C to 27°C), set at a factory default of 32°F (0°C).

r. Actuator shall be direct coupled to economizer gear. No linkage arms or control rods shall be acceptable.

s. Shall contain LED indication for free cooling, sensor, and damper operation.

3. Wi-Fi/WLAN stick for EconomizerONE POL224 (field-installed):

This item allows use of the Siemens Climatix™ mobile application.

4. Two-Position Damper (field-installed only):
   a. Damper shall be a Two-Position Damper. Damper travel shall be from the full closed position to the field adjustable %-open setpoint.
   b. Damper shall include adjustable damper travel from 25% to 100% (full open).
   c. Damper shall include single or dual blade, gear driven dampers and actuator motor.
   d. Actuator shall be direct coupled to damper gear. No linkage arms or control rods shall be acceptable.
   e. Damper will admit up to 100% outdoor air for applicable rooftop units.
   f. Damper shall close upon indoor (evaporator) fan shutoff and/or loss of power.
   g. The damper actuator shall plug into the rooftop unit's wiring harness plug. No hard wiring shall be required.
   h. Outside air hood shall include aluminum water entrainment filter.
5. Manual Damper (field-installed only):
   a. Manual damper package shall consist of damper, air inlet screen, and rain hood which can be preset to admit up to 25% or 50% outdoor air for year round ventilation.
6. Low Ambient Control Package:
   a. Controller shall control coil head pressure by condenser fan speed modulation or condenser fan cycling and wind baffles.
   b. Shall consist of solid-state control and condenser coil temperature sensor to maintain condensing temperature between 90°F (32°C) and 110°F (43°C) at outdoor ambient temperatures down to 0°F (–18°C).
7. Condenser Coil Hail Guard Assembly:
   a. Shall protect against damage from hail.
   b. Shall be either hood style or louvered.
8. Unit-Mounted, Non-Fused Disconnect Switch:
   a. Switch shall be factory installed, internally mounted.
   b. National Electric Code (NEC) and UL approved non-fused switch shall provide unit power shutoff.
   c. Shall be accessible from outside the unit.
   d. Shall provide local shutdown and lockout capability.
   e. Sized only for the unit as ordered from the factory. Does not accommodate field-installed devices.
9. Convenience Outlet:
   a. Powered Convenience Outlet.
      1) Outlet shall be powered from main line power to the rooftop unit.
      2) Outlet shall be powered from line side or load side of disconnect by installing contractor, as required by code. If outlet is powered from load side of disconnect, unit electrical ratings shall be UL certified and rated for additional outlet amperage.
      3) Outlet shall be factory-installed and internally mounted with easily accessible 115-v female receptacle.
      4) Outlet shall include 15 amp GFI receptacles with independent fuse protection.
      5) Voltage required to operate convenience outlet shall be provided by a factory installed step-down transformer.
      6) Outlet shall be accessible from outside the unit.
      7) Outlet shall include a field installed "Wet in Use" cover.
   b. Factory-Installed Non-Powered Convenience Outlet.
      1) Outlet shall be powered from a separate 115/120-v power source.
      2) A transformer shall not be included.
      3) Outlet shall be factory-installed and internally mounted with easily accessible 115-v female receptacle.
      4) Outlet shall include 15 amp GFI receptacles with independent fuse protection.
      5) Outlet shall be accessible from outside the unit.
      6) Outlet shall include a field installed "Wet in Use" cover.
   c. Field-Installed Non-Powered Convenience Outlet.
      1) Outlet shall be powered from a separate 115/120-v power source.
      2) A transformer shall not be included.
      3) Outlet shall be field-installed and internally mounted with easily accessible 115-v female receptacle.
      4) Outlet shall include 20 amp GFI receptacles. This kit provides a flexible installation method which allows code compliance for height requirements of the GFCI outlet from the finished roof surface as well as the capability to relocate the outlet to a more convenient location.
      5) Outlet shall be accessible from outside the unit.
      6) Outlet shall include a field installed "Wet in Use" cover.
10. Centrifugal Fan Power Exhaust:
    a. Power exhaust shall be used in conjunction with an integrated economizer.

b. Independent modules for vertical or horizontal return configurations shall be available.
c. Horizontal power exhaust shall be mounted in return ductwork.
d. Power exhaust shall be controlled by economizer controller operation. Exhaust fans shall be energized when dampers open past the 0 to 100% adjustable setpoint on the economizer control.

11. Roof Curbs (Vertical):
    a. Full perimeter roof curb with exhaust capability providing separate air streams for energy recovery from the exhaust air without supply air contamination.
    b. Formed galvanized steel with wood nailer strip and shall be capable of supporting entire unit weight.
    c. Permits installation and securing of ductwork to curb prior to mounting unit on the curb.
12. Outdoor Air Enthalpy Sensor:
    a. The outdoor air enthalpy sensor shall be used to provide single enthalpy control. When used in conjunction with a return air enthalpy sensor, the unit will provide differential enthalpy control. The sensor allows the unit to determine if outside air is suitable for free cooling.
13. Return Air Enthalpy Sensor:
    a. The return air enthalpy sensor shall be used in conjunction with an outdoor air enthalpy sensor to provide differential enthalpy control.
14. Indoor Air Quality (CO_2) Sensor:
    a. Shall be able to provide demand ventilation indoor air quality (IAQ) control.
    b. The IAQ sensor shall be available in duct mount, wall mount, or wall mount with LED display. The setpoint shall have adjustment capability.
15. Smoke Detectors:
    a. Shall be a 4-wire controller and detector.
    b. Shall be environmental compensated with differential sensing for reliable, stable, and drift-free sensitivity.
    c. Shall use magnet-activated test/reset sensor switches.
    d. Shall have tool-less connection terminal access.
    e. Shall have a recessed momentary switch for testing and resetting the detector.
    f. Controller shall include:
        1) One set of normally open alarm initiation contacts for connection to an initiating device circuit on a fire alarm control panel.
        2) Two Form-C auxiliary alarm relays for interface with rooftop unit or other equipment.
        3) One Form-C supervision (trouble) relay to control the operation of the Trouble LED on a remote test/reset station.
        4) Capable of direct connection to 2 individual detector modules.
        5) Can be wired to up to 14 other duct smoke detectors for multiple fan shutdown applications.
16. Winter Start Kit:
    a. Shall contain a bypass device around the low pressure switch.
    b. Shall be required when mechanical cooling is required down to 25°F (–4°C).
    c. Shall not be required to operate on an economizer when below an outdoor ambient of 40°F (4°C).
17. Time Guard:
    a. Shall prevent compressor short-cycling by providing a 5 minute delay (±2 minutes) before restarting a compressor after shutdown for any reason.
    b. One device shall be required per compressor.
18. Hinged Access Panels:
    a. Shall provide easy access through integrated quarter turn latches.
    b. Shall be on major panels of: filter, control box, fan motor, and compressor.
19. 4 in. MERV-13 Return Air Filters:
    a. Factory option to upgrade standard unit filters to 4 in. MERV-13 filters. Filter media is securely fasted inside the filter frame on all 4 sides.
20. 4 in. Filter Rack Kit:
    a. The 4 in. filter rack accessory kit is designed to hold 4 in. MERV-8 or MERV-13 filters. Filters not included in kit.
21. 2 in. MERV-13 Return Air Filters:
    a. Accessory kit to field upgrade standard unit filters to 2 in. MERV-13 filters.
22. 2 in. MERV-8 Return Air Filters:
    a. Accessory kit to field upgrade standard unit filters to 2 in. MERV-8 filters.
23. Phase Monitor Control:
    a. Shall monitor the sequence of 3-phase electrical system to provide a phase reversal protection.
    b. Shall monitor the 3-phase voltage inputs to provide a phase loss protection for the 3-phase device.
    c. Will work on either a Delta or Wye power connection.

Guide specifications (cont)

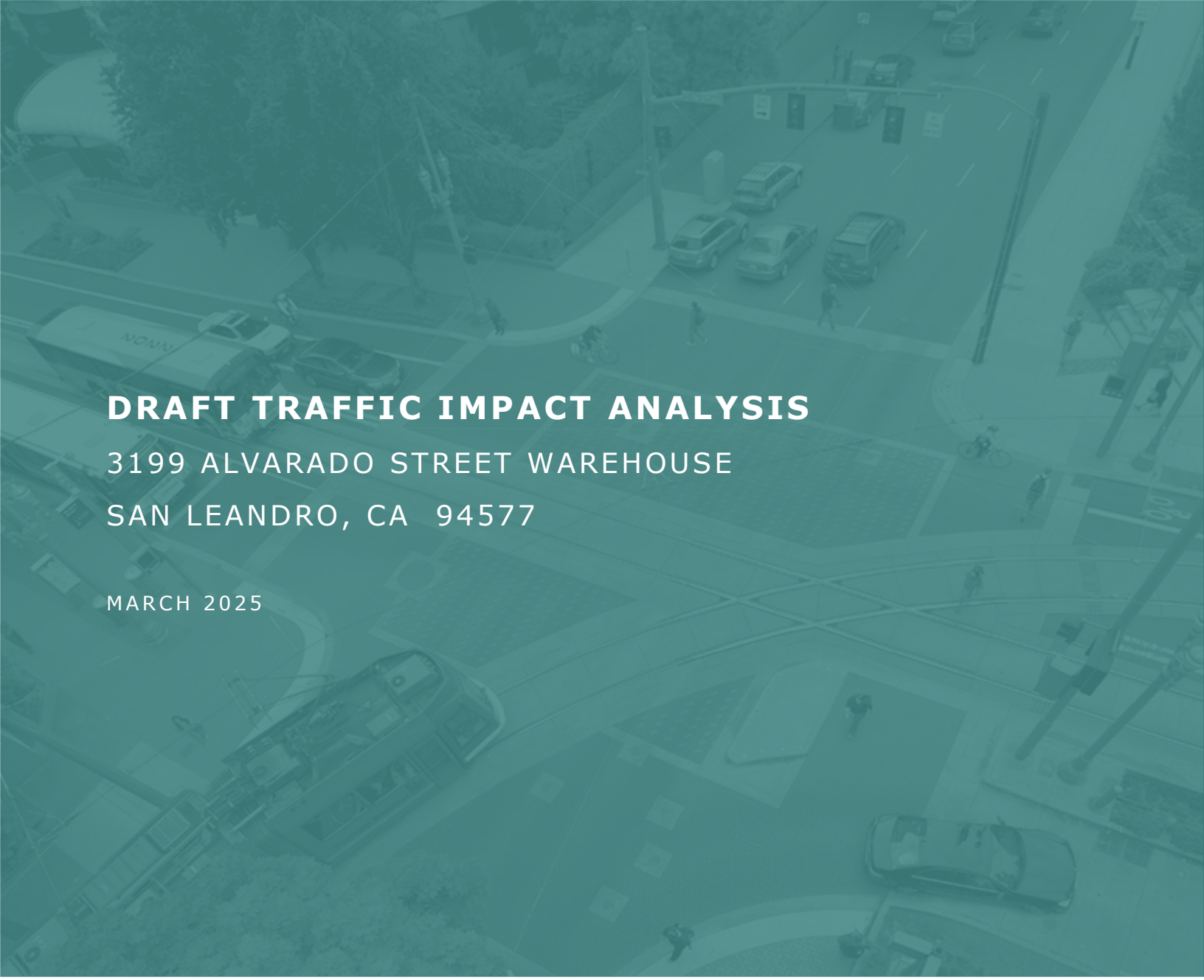
24. Horn/Strobe Annunciator:
    a. Provides an audible/visual signaling device for use with factory-installed option or field installed accessory smoke detectors.
        1) Requires installation of a field-supplied 24-v transformer suitable for 4.2 VA (AC) or 3.0 VA (DC) per horn/strobe accessory.
        2) Requires field-supplied electrical box, North American 1-gang box, 2 in. (51 mm) x 4 in. (102 mm).
        3) Shall have a clear colored lens.
25. Electric Heat:
    a. Heating Section:
        1) Heater element open coil resistance wire, nickel-chrome alloy, 0.29 inches inside diameter, strung through ceramic insulators mounted on metal frame. Coil ends are staked and welded to terminal screw slots.
        2) Heater assemblies are provided with integral fusing for protection of internal heater circuits not exceeding 48 amps each. Auto reset thermo limit controls, magnetic heater contactors (24 v coil) and terminal block all mounted in electric heater control box (minimum 18 ga galvanized steel) attached to end of heater assembly.
26. High Short Circuit Current Rating (SCCR) Protection:
    a. Factory-installed option provides high short circuit current protection to each compressor, plus all indoor and outdoor fan motors of 60 kA for 208/230-3-60 units and 65 kA for 460-3-60 units against high potential fault current situations. (Standard unit comes with 5 kA rating.)
    b. This option is not available with factory installed Non-Fused Disconnect, Low Ambient controls, Phase loss monitor/protection, or 575 Volt models.

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.

Pg 76 Catalog No. 04-52500217-01 Printed in U.S.A. Form 50FCQ-17-28-02PD Rev. B
Replaces: 50FCQ-17-28-01PD

Appendix I

Transportation Impact Analysis



DRAFT TRAFFIC IMPACT ANALYSIS

3199 ALVARADO STREET WAREHOUSE

SAN LEANDRO, CA 94577

MARCH 2025

PREPARED FOR:

CC INDUSTRIES

DKS

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INTRODUCTION

This traffic impact analysis (TIA) addresses transportation and circulation conditions associated with a proposed development project (3199 Alvarado Street Warehouse) in the City of San Leandro, California. The proposed project involves the demolition and removal of an existing 252,220± square foot industrial building, and the construction of a new approximately 241,000 square foot industrial building and all associated site and parking improvements.

The TIA focuses on the project's relationship to the City street system, including nearby intersections, the proposed access points, on-site circulation, and parking adequacy. The TIA includes consideration of motorized vehicle traffic impacts on roadway capacity, and potential impacts to transit service, bicyclists, and pedestrians. Quantitative transportation analyses have been conducted for the following scenarios:

- Existing Conditions (2025)
- Existing Plus Approved and Pending Projects
- Existing Plus Approved / Pending Plus Project
- Year 2035 Forecasted Traffic

This report also documents the evaluation of project VMT, in accordance with CEQA guidelines for transportation impacts.

PROJECT DESCRIPTION

As illustrated in **Figure 1**, the proposed project site is located on the west side of Alvarado Street, in the block between Teagarden Street (to the north) and Fremont Avenue (to the south). The lot size is 649,159 square feet (14.9 acres). Existing Zoning is IG (Industrial General), with a General Plan Designation of IL (Industrial Light). Land use to the north and east is industrial. Immediately south of the site is a residential neighborhood. The Nimitz Freeway (I-880) is immediately west of the site.

As illustrated in **Figure 2**, the project consists of an industrial building of approximately 241,000 square feet with a ceiling height of 36 feet. The north side of the building provides 52 truck docks and additional trailer parking stalls. Truck access is provided via the north driveway, which is separated from passenger vehicle access. Parking is provided on the east (front) side of the building, and along the south side. Passenger vehicle access and parking are provided via two driveways to Alvarado Street.

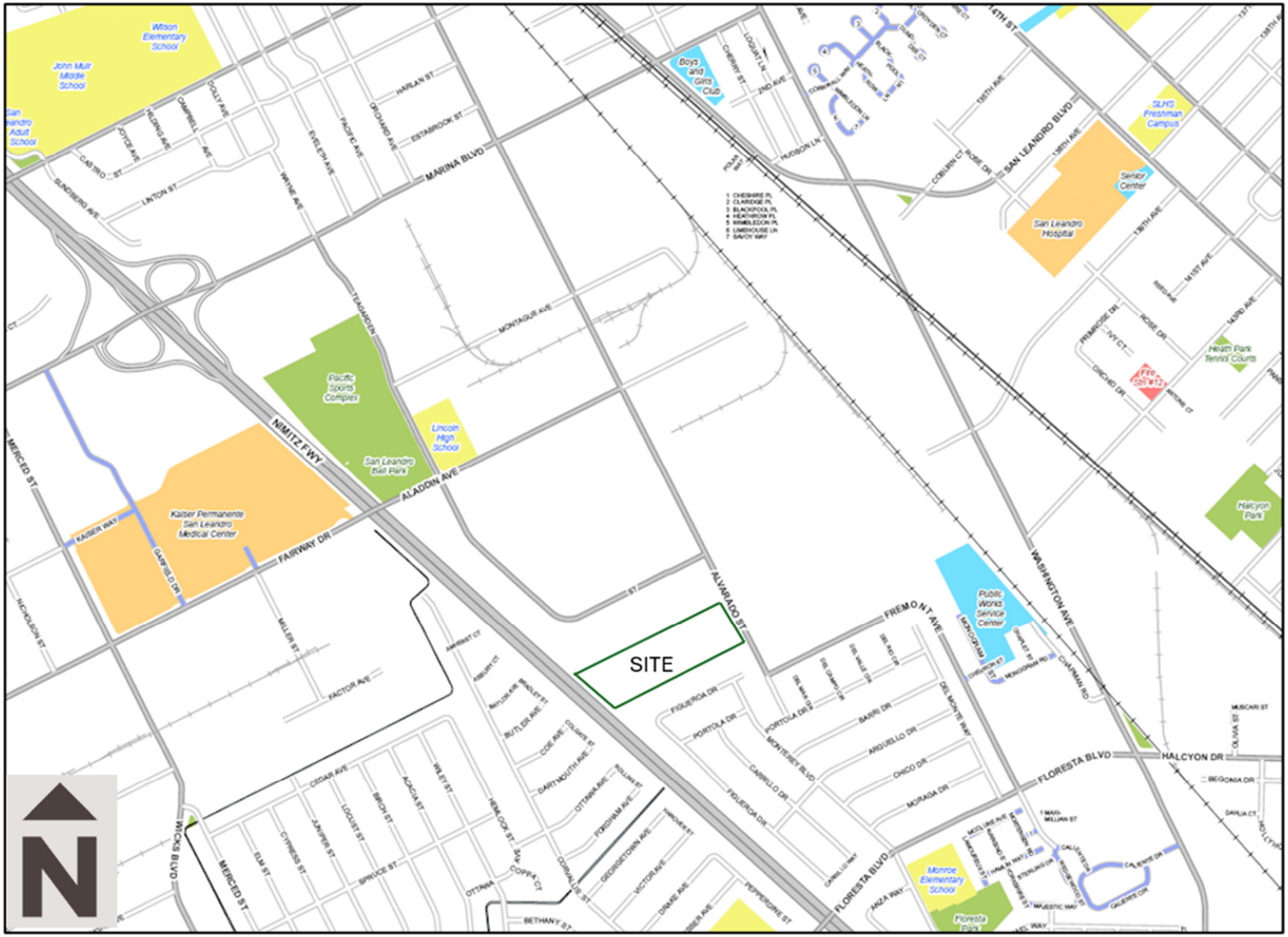

FIGURE 1: SITE LOCATION

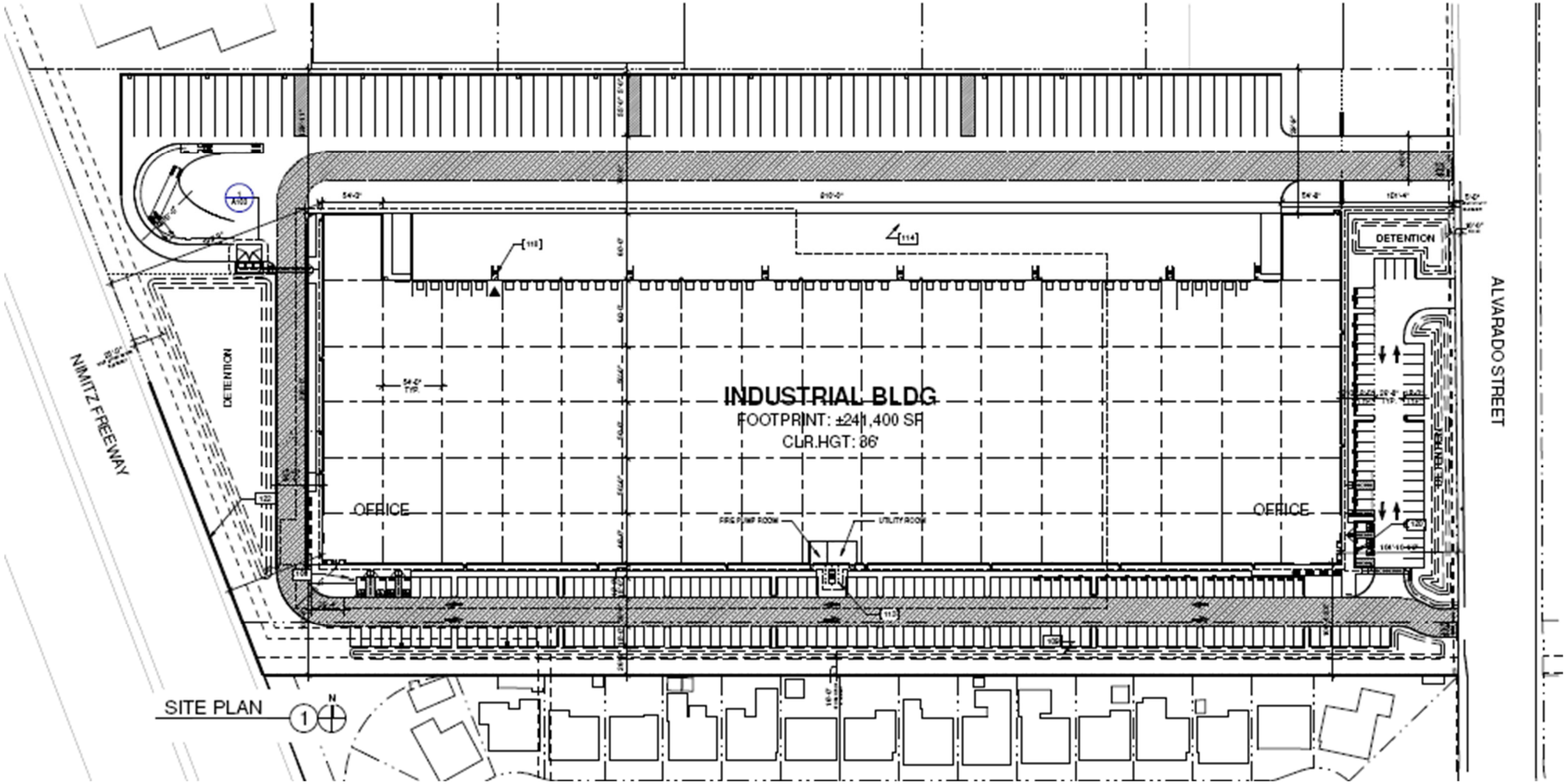

FIGURE 2: SITE PLAN

EXISTING CONDITIONS

STUDY AREA

The study area intersections, illustrated in **Figure 3**, were chosen by the City, and represent major nearby intersections anticipated to accommodate project traffic:

1. Alvarado Street & Teagarden Street
2. Alvarado Street & Marina Boulevard
3. Marina Boulevard & Teagarden Street / Wayne Avenue
4. Aladdin Avenue / Fairway Drive & Teagarden Street
5. Floresta Boulevard / Halcyon Drive & Washington Avene
6. Marina Boulevard & I-880 Northbound Ramps
7. Marina Boulevard & I-880 Southbound Ramps

ROADWAY SYSTEM

Aladdin Avenue is an east-west roadway that extends from Teagarden Street to east of Alvarado Street. It is an arterial from Teagarden Street to Alvarado Street, with a speed limit of 30 mph. It has one travel lane in each direction.

Alvarado Street is a north-south roadway that provides direct access to the project site. It is an arterial from Fremont Avenue to Marina Boulevard, and a collector south of Fremont Avenue and north of Marina Boulevard to Davis Street. It has one travel lane in each direction and a two-way-left-turn-lane (TWLTL) from Fremont Avenue to Marina Boulevard. South of Fremont Avenue and north of Marina Boulevard to Thornton Street, it has one lane in each direction. The speed limit is 35 mph south of Marina Boulevard, and 30 mph north of Marina Boulevard to Davis Street.

Fairway Drive is an east-west collector roadway with one travel lane in each direction in the site vicinity. It extends westerly from Aladdin Avenue at Teagarden Street. The speed limit is 30 mph.

Floresta Boulevard is an east-west arterial roadway. It has a 35 mph speed limit. It has one to three travel lanes per direction.

Halcyon Drive is an east-west arterial roadway that continues easterly from Floresta Boulevard at Washington Street. It has two travel lanes per direction with a 40 mph speed limit.

I-880 (Nimitz Freeway) is a north-south freeway through the City. To the south, it provides access to I-238 and extends through Fremont to San Jose. To the north, it extends into Oakland, and provides access to I-80 and the San Francisco – Oakland Bay Bridge.

Marina Boulevard is an east-west arterial roadway that provides access to I-880. It has two to three lanes per direction in the site vicinity. The speed limit is 35 mph in the site vicinity.

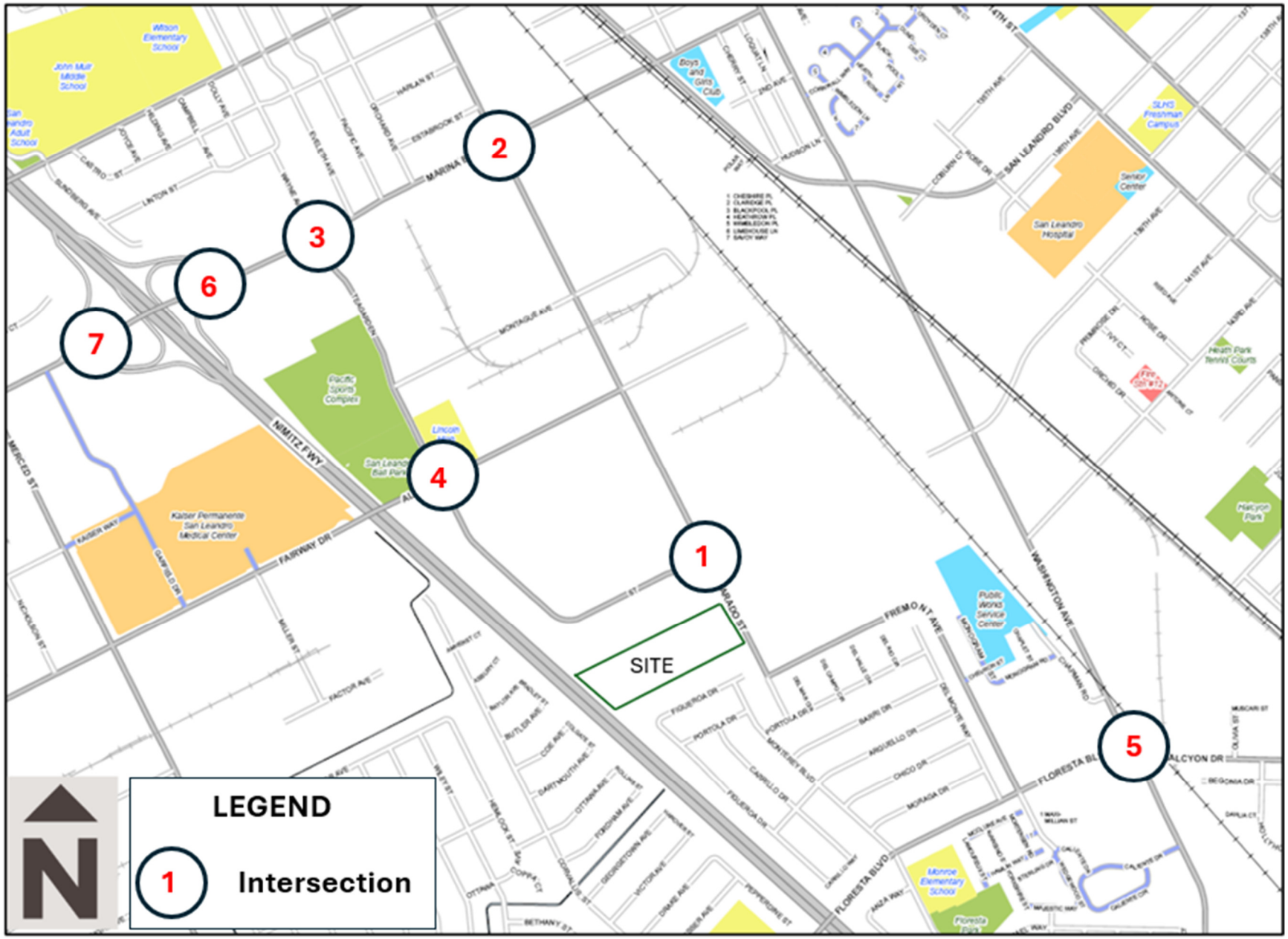

FIGURE 3: STUDY AREA

Teagarden Street is a collector roadway that extends from Alvarado Street to Marina Boulevard. It has one lane in each direction with a speed limit of 30 mph.

Washington Avenue is a north-south arterial with two travel lanes in each direction in the site vicinity. It has a 35 mph speed limit.

Wayne Avenue is a north-side collector roadway which extends northerly from Teagarden Street at Marina Boulevard. It has one travel lane in each direction.

TRANSIT SYSTEM

Transit service in the site vicinity includes Bay Area Rapid Transit (BART), the Alameda-Contra Costa Transit District (AC Transit), and San Leandro LINKS shuttles. **Figure 4** illustrates transit routes in the site vicinity.

BART is the rapid transit rail system serving the San Francisco Bay Area. The Green, Orange, and Blue lines operate through San Leandro, with connections to the Red and Yellow lines. The San Leandro Station is located about 1.3 miles north of the project site, and the Bay Fair Station is located about 1.6 miles east of the site.

Service on all BART lines begins at 5:00 AM on weekdays, 6:00 AM on Saturdays, and 8:00 AM on Sundays. All lines operate until 9:00 PM, while the Blue, Orange, and Yellow lines operate until Midnight.

AC Transit operates Route 28 along Alvardo Street past the project site. Route 28 extends from the San Leandro BART station to the Hayward BART station, with access to the Bay Fair and Castro Valley BART stations. Route 28 has stops on each side of Alvardo Street just north of Teagarden Street, about 350 feet north of the project site. Route 28 operates in each direction at hourly frequencies from approximately 6:00 AM to 10:00 PM on weekdays, Saturdays, Sundays, and Holidays.

LINKS provides a free and convenient shuttle to and from the San Leandro BART station. Shuttles run every 30 minutes, Monday through Friday, during peak commute hours (5:45 AM to 10:30 AM, and 3:00 PM to 7:20 PM). The South Loop stops at the same location as the southbound AC Transit Route 28 on Alvarado Street just north of Teagarden Street.

BIKEWAY SYSTEM

The San Leandro bikeways in the vicinity of the project site are illustrated in **Figure 5**.



Source: https://511.org/media/456/show, accessed March 21, 2025.

FIGURE 4: TRANSIT SYSTEM

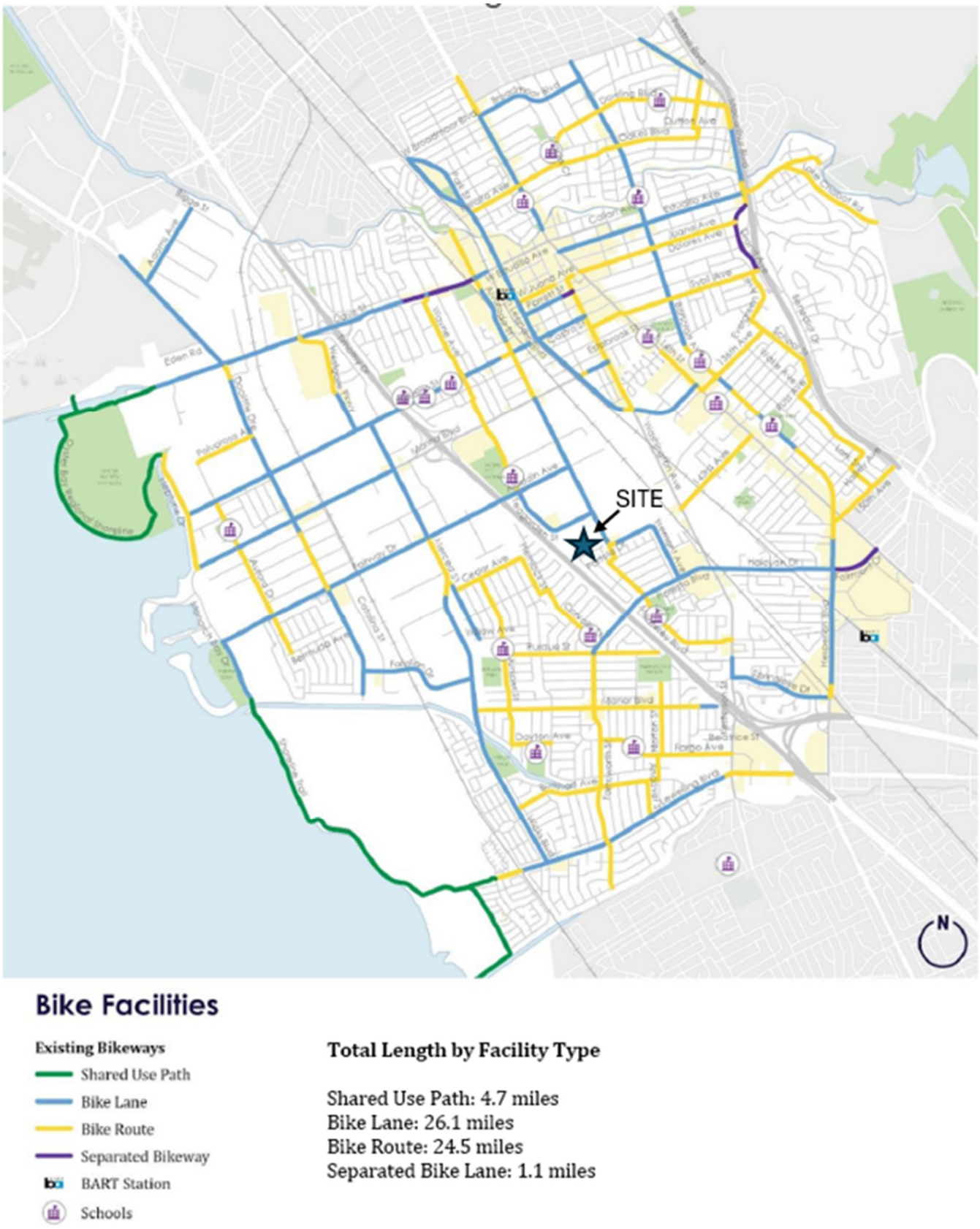

FIGURE 5: BIKEWAY SYSTEM

On the study area roadways, the following bikeways exist:

- Aladdin Avenue
  - Bike Lane (Class II) – Alvarado Street to Teagarden Street
- Alvarado Street
  - Buffered Bike Lane (Class II) – Fremont Avenue to Aladdin Avene
  - Bike Lane (Class II) – Aladdin Avenue to Marina Boulevard
  - Bike Route (Class III) – Marina Boulevard to Williams Street
- Fairway Drive
  - Bike Lane (Class II) – Teagarden Street to Aurora Drive
- Floresta Boulevard
  - Bike Lane (Class II) – Monterey Boulevard to Washington Avenue
- Fremont Avenue
  - Bike Lane (Class II) – Alvarado Street to Floresta Boulevard
- Halcyon Drive
  - Bike Lane (Class II) – Washington Avenue to BART line
- Teagarden Street
  - Bike Lane (Class II) – Alvarado Street to Aladdin Avenue
  - Bike Route (Class III) – Aladdin Avenue to Marina Boulevard
- Wayne Avenue
  - Bike Route (Class III) – Marina Boulevard to Davis Street

PEDESTRIAN SYSTEM

Most, but not all, streets in the site vicinity have sidewalks along both sides. There are continuous sidewalks on both sides of Alvarado Street near the site. At the signalized intersection with Teagarden Street, there are marked crosswalks with pedestrian signals. There is also a marked crosswalk with pedestrian signals on the east leg of the Alvarado Street intersection with Fremont Avenue. Fremont Avenue only has a sidewalk along the north and east side between Alvarado Street and Floresta Boulevard.

EXISTING INTERSECTION GEOMETRY

Existing intersection geometry (number of approach lanes and traffic control) is illustrated in **Figure 6.** All of the study area intersections are signalized.

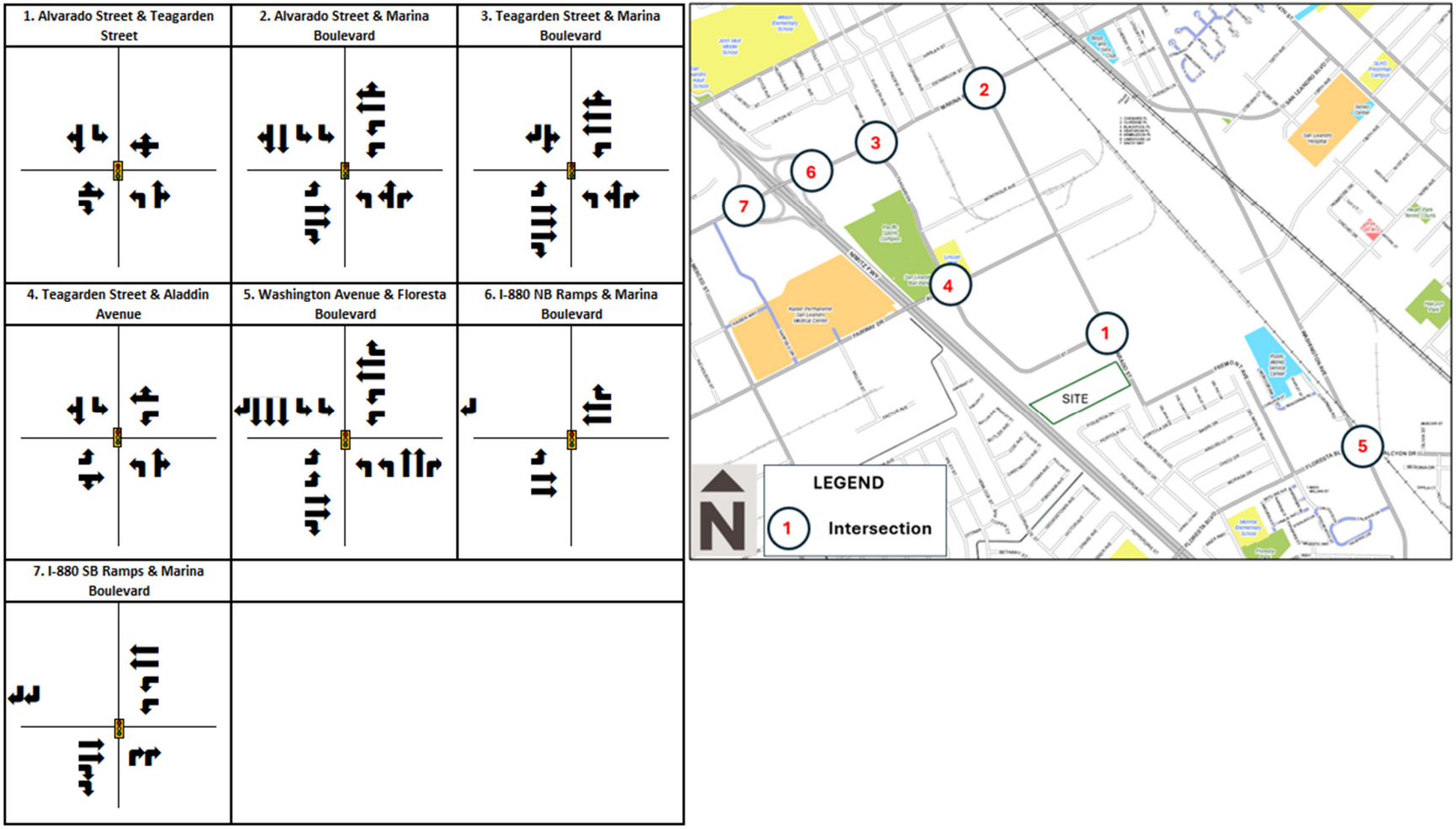

FIGURE 6: EXISTING INTERSECTION GEOMETRY

DATA COLLECTION

Peak period intersection turning movement counts at the study area intersections were conducted for the AM weekday peak period (7:00 to 9:00 AM) and the PM weekday peak period (4:00 to 6:00 PM) on Tuesday, February 25, 2025. Schools were in session, and there were no extreme weather events. **Figure 7** illustrates the peak hour traffic volumes. Detailed traffic count information is included in the Appendix.

INTERSECTION OPERATIONS

INTERSECTION ANALYSIS AND METHODOLOGY

Synchro 12 software was used to analyze intersection delay and queue lengths at the study area intersections. **Table 1** presents the level of service criteria for intersections in accordance with HCM methodology. Level of Service (LOS) D is the minimum acceptable level of service for intersections in the City of San Leandro outside of Priority Development Areas. All of the study area intersections are located outside Priority Development Areas

HCM 7 methodology was utilized to estimate average intersection delay and LOS for intersections 1 through 5. For intersections 6 and 7, HCM 2000 methodology was utilized, due to non-NEMA compliant signal phasing at the ramp intersections. For all intersections, HCM 2000 methodology was utilized to estimate the volume-to-capacity (V/C) ratio.

For turning lanes at each intersection, the 95th percentile queue was estimated, and compared to the available storage.

TABLE 1: INTERSECTION LEVEL OF SERVICE

INTERSECTION LEVEL OF SERVICE CRITERIA		
LEVEL OF SERVICE (LOS)	TOTAL DELAY PER VEHICLE (SECONDS)	
	SIGNALIZED	UNSIGNALIZED
A	$\leq$ 10	$\leq$ 10
B	> 10 and $\leq$ 20	> 10 and $\leq$ 15
C	> 20 and $\leq$ 35	> 15 and $\leq$ 25
D	> 35 and $\leq$ 55	> 25 and $\leq$ 35
E	> 55 and $\leq$ 80	> 35 and $\leq$ 50
F	> 80	> 50

Source: Highway Capacity Manual 6th Edition, Transportation Research Board.

LOS and queuing were calculated for the weekday AM and PM peak hours.

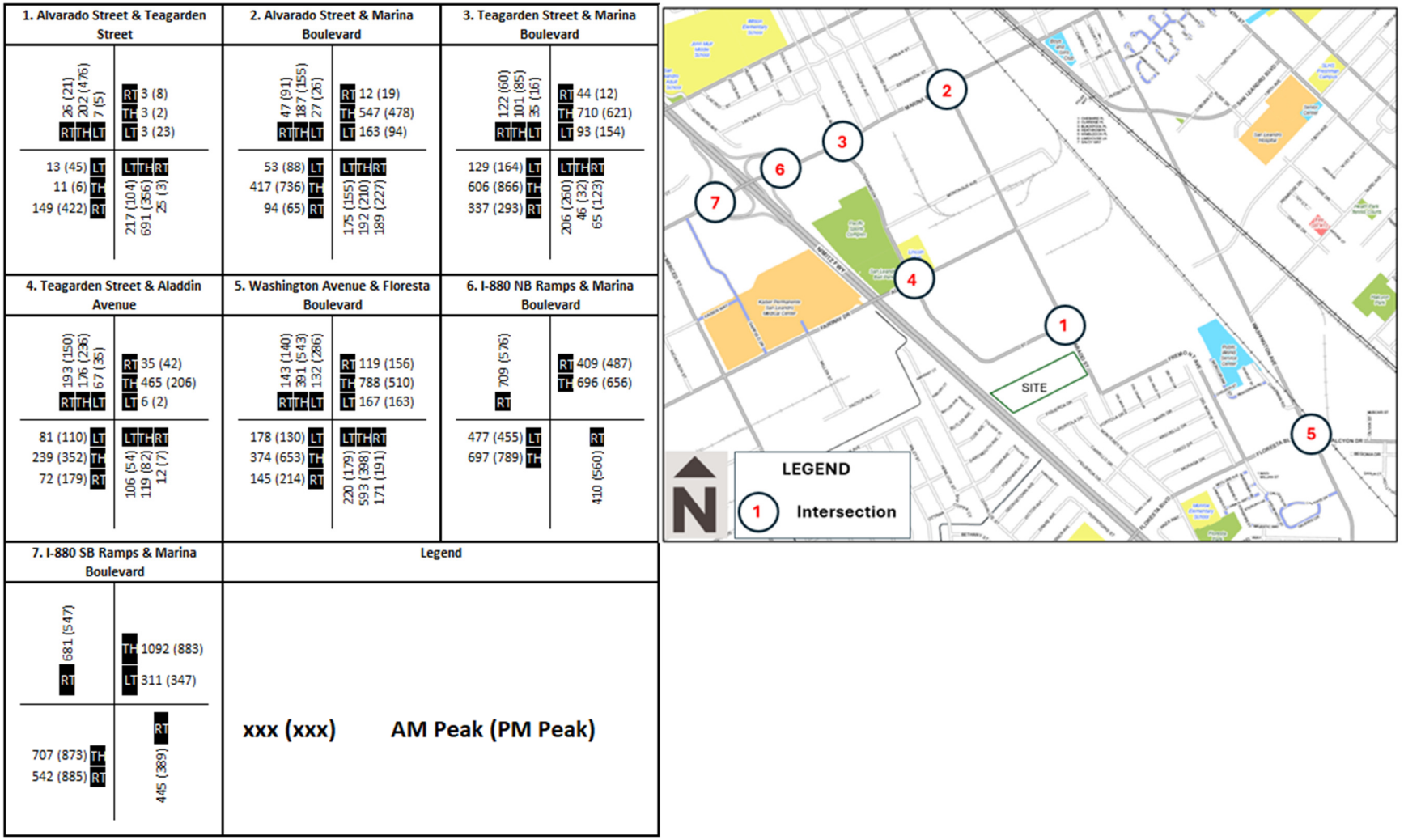

FIGURE 7: EXISTING PEAK HOUR TRAFFIC VOLUMES

EXISTING INTERSECTION LEVEL OF SERVICE

Table 2 summarizes the existing peak hour intersection operations. All of the intersections meet the City's LOS D criteria.

TABLE 2: EXISTING INTERSECTION LEVEL OF SERVICE

EXISTING INTERSECTION OPERATING CONDITIONS						
INTERSECTION	AM PEAK HOUR			PM PEAK HOUR		
	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C
1. Alvarado Street & Teagarden Street / Driveway	15.8	B	0.62	24.9	C	0.61
2. Alvarado Street & Marina Boulevard	40.0	D	0.66	36.7	D	0.58
3. Teagarden Street / Wayne Avenue & Marina Boulevard	33.9	C	0.64	39.9	D	0.62
4. Teagarden Street & Fairway Drive / Aladdin Avenue	26.3	C	0.76	21.1	C	0.75
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	32.6	C	0.67	35.1	D	0.56
6. Marina Boulevard & I-880 NB Ramps	19.1	B	0.81	14.6	B	0.65
7. Marina Boulevard & I-880 SB Ramps	15.2	B	0.67	13.1	B	0.56

EXISTING INTERSECTION QUEUING

Table 3 summarizes the existing peak hour intersection queuing in turning lanes. The following locations have 95th percentile queues that exceed the available storage:

- Intersection 1: Alvarado Street & Teagarden Street
  - Northbound left turn lane in the AM peak hour. (Queue extends into TWLTL.)
- Intersection 2: Alvarado Street & Marina Boulevard
  - Westbound left turn lane in the AM peak hour. (Queue extends into TWLTL.)
  - Northbound left turn lane in the AM and PM peak hours. (Queue extends into TWLTL.)
- Intersection 3: Marina Boulevard & Teagarden Street / Wayne Avenue
  - Eastbound left turn lane in the AM and PM peak hours.
  - Westbound left turn lane in the PM peak hour.
- Intersection 4: Aladdin Avenue / Fairway Drive & Teagarden Street
  - Eastbound left turn lane in the AM and PM peak hours.

- Intersection 5: Floresta Boulevard / Halcyon Drive & Washington Avenue
  - Westbound right turn lane in the AM and PM peak hours.

TABLE 3: EXISTING INTERSECTION QUEUING

EXISTING INTERSECTION QUEUING				
INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)	
			AM PEAK HOUR	PM PEAK HOUR
1. Alvarado Street & Teagarden Street / Driveway	EBR	230	46	116
	NBL	125	141	110
	SBL	130	<25	<25
2. Florin Perkins Road & Siena Avenue / Thys Court	EBL	145	68	100
	EBR	145	<25	<25
	WBL	120	206	102
	NBL	130	213	169
	NBR	130	34	47
	SBL	130	<25	<25
3. Teagarden Street / Wayne Avenue & Marina Boulevard	EBL	125	187	231
	EBR	370	49	52
	WBL	175	149	233
	NBL	225	109	120
	NBR	225	<25	31
	SBR	100	39	<25
4. Teagarden Street & Fairway Drive / Aladdin Avenue	EBL	115	121	127
	WBL	155	<25	<25
	NBL	150	136	48
	SBL	55	52	28

EXISTING INTERSECTION QUEUING				
INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)	
			AM PEAK HOUR	PM PEAK HOUR
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	EBL	140	97	70
	EBR	175	43	51
	WBL	220	94	95
	WBR	30	40	65
	NBL	150	115	102
	NBR	320	43	46
	SBL	200	74	190
	SBR	60	42	43
6. Marina Boulevard & I-880 NB Ramps	EBL	700	240	237
	WBR	305	127	117
7. Marina Boulevard & I-880 SB Ramps	EBR	310	43	126
	WBL	165	97	113
	NBR	160	42	71
	SBR	630	227	136

EXISTING PLUS APPROVED AND PENDING PROJECTS

The City maintains a City Development Activity Map. Based on the map, amended through December 23, 2024, there are 30 active projects in the City. These projects were reviewed to determine their applicability for inclusion in the traffic analysis.

1. Some projects are "Entitlement Application Under Review". These were screened out. The remaining project types are Entitlement Application Approved, Building Permit Review, and Under Construction.
2. Small residential projects (under 10 DU) were screened out.
3. The remaining projects were screened for location. Projects more than ½ mile from the project site and / or study area intersections were screened out.

The following projects were included in the set of Approved and Pending Projects:

- 2436 Washington Avenue – 66 multi-family dwelling units
- 14143 – 14273 Washington Avenue – 52,269 square foot warehouse
- 1800 Williams Street – 9,306 square foot Industrial
- 1919 Williams Street – 221,000 square foot industrial (warehouse)

The City Development Activity Map and associated information is included in the Appendix.

METHODOLOGY

The Alameda County Transportation Commission (Alameda CTC) maintains and updates a countywide travel demand model in compliance with Congestion Management Program (CMP) legislation. The base year model (2020) dataset was modified to include the four approved and pending projects. The difference (delta) between the base year and modified model volume estimates was applied to the 2025 intersection count data for the AM and PM peak hours.

INTERSECTION OPERATIONS

INTERSECTION GEOMETRY

No changes were assumed in number of lanes, lane designations, or traffic signal timing / phasing from existing conditions.

EXISTING PLUS APPROVED AND PENDING PROJECTS PEAK HOUR TRAFFIC VOLUMES

Figure 8 illustrates the peak hour traffic volumes.

EXISTING PLUS APPROVED AND PENDING PROJECTS INTERSECTION LEVEL OF SERVICE

Table 4 summarizes the peak hour intersection operations. All of the intersections meet the City's LOS D criteria.

EXISTING PLUS APPROVED AND PENDING PROJECTS INTERSECTION QUEUING

Table 5 summarizes the peak hour intersection queuing in turning lanes. Compared to existing conditions, no new locations have queues that exceed available storage. In locations where storage was previously exceeded, none of the queues have increased by 25 feet or more (1 vehicle length).

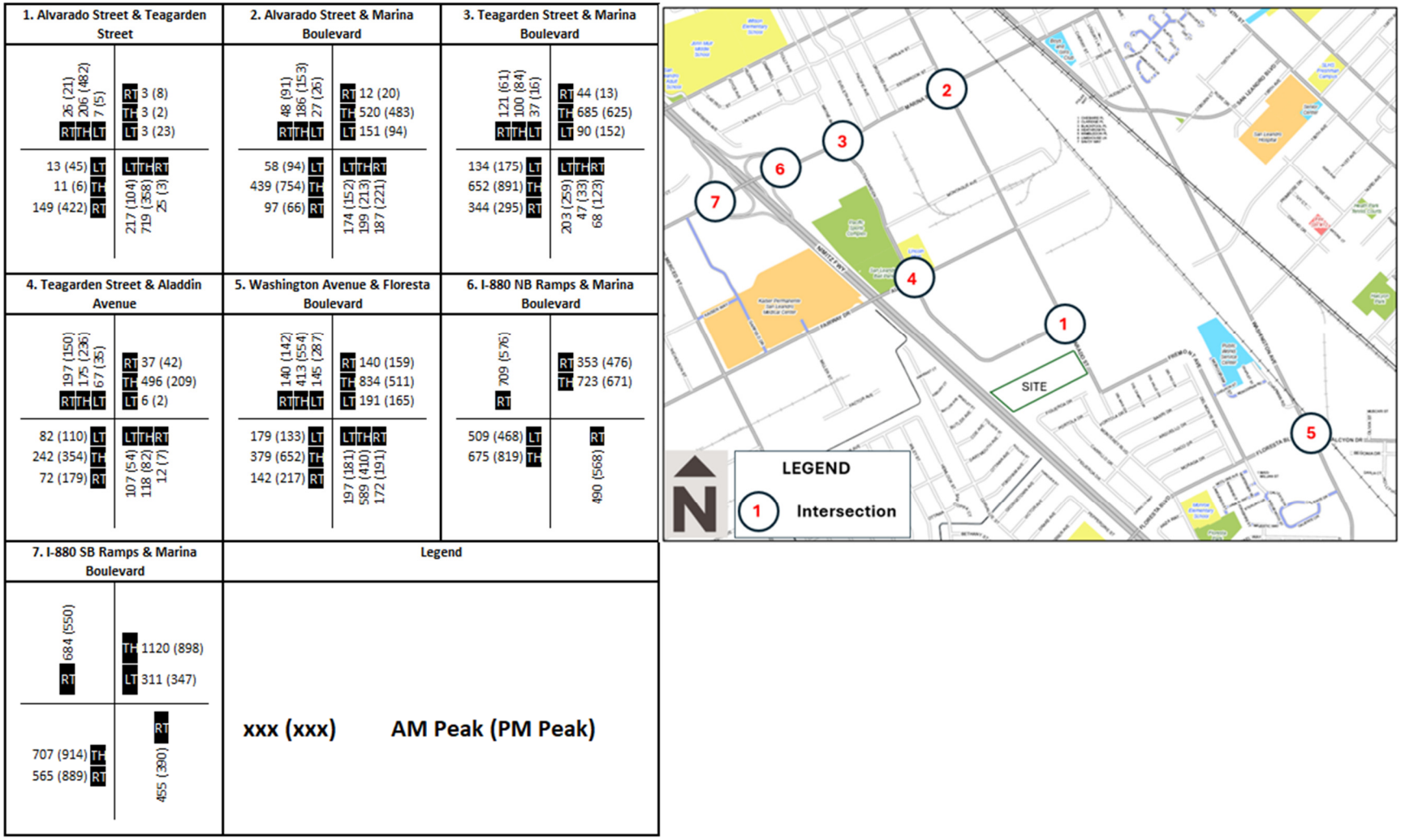

FIGURE 8: EXISTING PLUS APPROVED AND PENDING PROJECTS PEAK HOUR TRAFFIC VOLUMES

TABLE 4: EXISTING PLUS APPROVED AND PENDING PROJECTS INTERSECTION LEVEL OF SERVICE

INTERSECTION OPERATING CONDITIONS												
INTERSECTION	EXISTING CONDITIONS						EXISTING PLUS APPROVED AND PENDING PROJECTS					
	AM PEAK HOUR			PM PEAK HOUR			AM PEAK HOUR			PM PEAK HOUR		
	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C
1. Alvarado Street & Teagarden Street / Driveway	15.8	B	0.62	24.9	C	0.61	15.8	B	0.62	24.9	C	0.61
2. Alvarado Street & Marina Boulevard	40.0	D	0.66	36.7	D	0.58	40.0	D	0.66	36.7	D	0.58
3. Teagarden Street / Wayne Avenue & Marina Boulevard	33.9	C	0.64	39.9	D	0.62	33.9	C	0.64	39.9	D	0.62
4. Teagarden Street & Fairway Drive / Aladdin Avenue	26.3	C	0.76	21.1	C	0.75	26.3	C	0.76	21.1	C	0.75
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	32.6	C	0.67	35.1	D	0.56	32.6	C	0.67	35.1	D	0.56
6. Marina Boulevard & I-880 NB Ramps	19.1	B	0.81	14.6	B	0.65	19.1	B	0.81	14.6	B	0.65
7. Marina Boulevard & I-880 SB Ramps	15.2	B	0.67	13.1	B	0.56	15.2	B	0.67	13.1	B	0.56

TABLE 5: EXISTING PLUS APPROVED AND PENDING PROJECTS INTERSECTION QUEUING

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		EXISTING PLUS APPROVED AND PENDING PROJECTS	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
1. Alvarado Street & Teagarden Street / Driveway	EBR	230	46	116	46	117
	NBL	125	141	110	141	110
	SBL	130	<25	<25	<25	<25
2. Florin Perkins Road & Siena Avenue / Thys Court	EBL	145	68	100	73	109
	EBR	145	<25	<25	<25	<25
	WBL	120	206	102	186	102
	NBL	130	213	169	212	165
	NBR	130	34	47	34	47
	SBL	130	<25	<25	<25	<25
3. Teagarden Street / Wayne Avenue & Marina Boulevard	EBL	125	187	231	194	246
	EBR	370	49	52	49	52
	WBL	175	149	233	143	232
	NBL	225	109	120	107	120
	NBR	225	<25	31	<25	31
	SBR	100	39	<25	38	<25

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		EXISTING PLUS APPROVED AND PENDING PROJECTS	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
4. Teagarden Street & Fairway Drive / Aladdin Avenue	EBL	115	121	127	123	127
	WBL	155	<25	<25	<25	<25
	NBL	150	136	48	142	48
	SBL	55	52	28	52	28
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	EBL	140	97	70	97	72
	EBR	175	43	51	43	51
	WBL	220	94	95	115	97
	WBR	30	40	65	54	66
	NBL	150	115	102	98	104
	NBR	320	43	46	43	46
	SBL	200	74	190	87	191
	SBR	60	42	43	41	44
6. Marina Boulevard & I-880 NB Ramps	EBL	700	240	237	264	251
	WBR	305	127	117	97	164

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		EXISTING PLUS APPROVED AND PENDING PROJECTS	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
7. Marina Boulevard & I-880 SB Ramps	EBR	310	43	126	47	127
	WBL	165	97	113	98	113
	NBR	160	42	71	44	78
	SBR	630	227	136	231	139

EXISTING PLUS APPROVED / PENDING PLUS PROJECT

This scenario adds the project traffic to the prior existing plus approved and pending projects scenario.

PROJECT TRAVEL CHARACTERISTICS

TRIP GENERATION

Vehicular trip generation estimates of the project are based upon information published by the Institute of Transportation Engineers (ITE). Specifically, the following source has been utilized:

- ITE Trip Generation Manual 11th Edition, Version: 4.0.0.421

Based upon the project description, ITE land use category "Warehousing" (Code 150) was utilized for trip generation estimates. **Table 6** summarizes the trip generation estimates.

TABLE 6: PROJECT TRIP GENERATION

USE (ITE CODE)	VEHICLE TYPE	SIZE (1,000 SQUARE FEET)	VEHICLE TRIPS GENERATED (PCE)						
			WEEKDAY	AM PEAK HOUR			PM PEAK HOUR		
				ENTER	EXIT	TOTAL	ENTER	EXIT	TOTAL
WAREHOUSING (150)	LIGHT	241	281	37	11	48	12	36	48
	TRUCK		138	3	2	5	4	3	7
	TOTAL		419	40	13	53	16	39	55

Source: DKS Associates, 2025; ITE Trip Generation Manual 11th Edition, Version 4.0.0.421.

In the calculation of trip generation of the project:

- No credit was given for traffic generated by the existing building on the site.
- No adjustments for mode choice were made, although employee traffic may be lower due to transit, bicycle, and pedestrian access to the site.

Trip generation is based upon ITE fitted curves, where available. Fitted curves were not available for truck trip peak hour trip generation, so average rates were utilized.

Detailed trip generation information is included in the Appendix.

TRIP DISTRIBUTION

The distribution of project traffic on the study area roadways was estimated with the assistance of the Alameda CTC travel model. Separate distribution patterns were developed for AM peak hour

entering, AM peak hour exiting, PM peak hour entering, and PM peak hour exiting traffic. Travel model data is included in the Appendix.

Figure 9 illustrates the entering project trip distribution for the AM and PM peak hours.

Figure 10 illustrates the exiting project trip distribution for the AM and PM peak hours.

FORECAST METHODOLOGY

Utilizing the trip generation estimates from Table 6 and trip distribution patterns from Figure 9 and Figure 10, project traffic was manually added to the estimates from the existing plus approved and pending projects scenario traffic volumes illustrated in Figure 8.

INTERSECTION OPERATIONS

DEFICIENCY CRITERIA

A project would cause deficiencies where the project traffic:

- Results in an intersection operating at an acceptable LOS (D or better) to deteriorate to an unacceptable LOS.
- Results in an intersection operating at an unacceptable LOS to increase the V/C ratio by 0.05 or more.
- Causes queues to exceed available storage by more than 1 vehicle length (25 feet).
- Increase the queue length by more than 1 vehicle length (25 feet) where the available storage is already exceeded.

INTERSECTION GEOMETRY

No changes were assumed in number of lanes, lane designations, or traffic signal timing / phasing from existing conditions.

EXISTING PLUS APPROVED / PENDING PLUS PROJECT PEAK HOUR TRAFFIC VOLUMES

Figure 11 illustrates the peak hour traffic volumes.

EXISTING PLUS APPROVED / PENDING PLUS PROJECT INTERSECTION LEVEL OF SERVICE

Table 7 summarizes the peak hour intersection operations. All of the intersections meet the City's LOS D criteria.

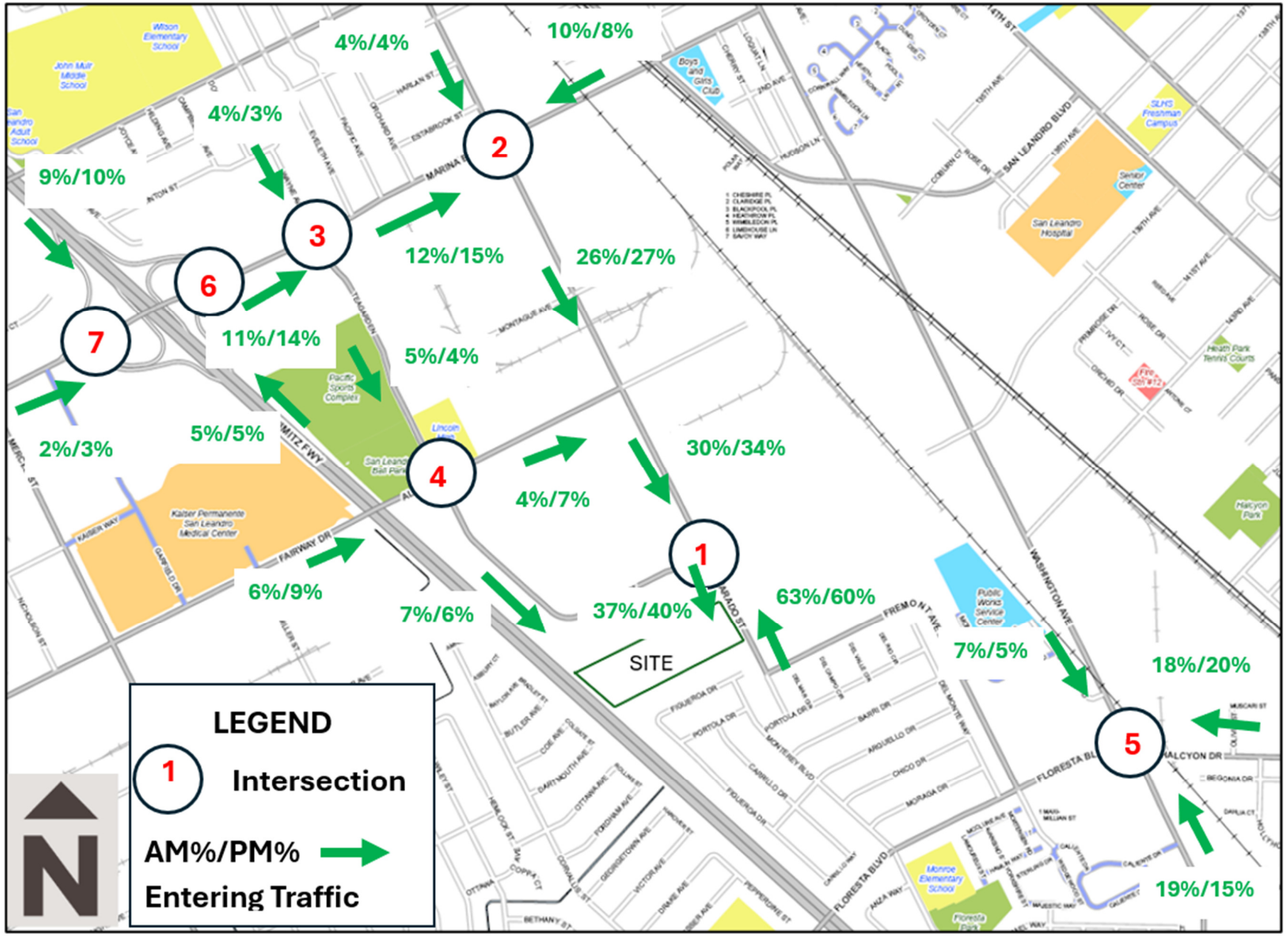

FIGURE 9: ENTERING PROJECT TRIP DISTRIBUTION

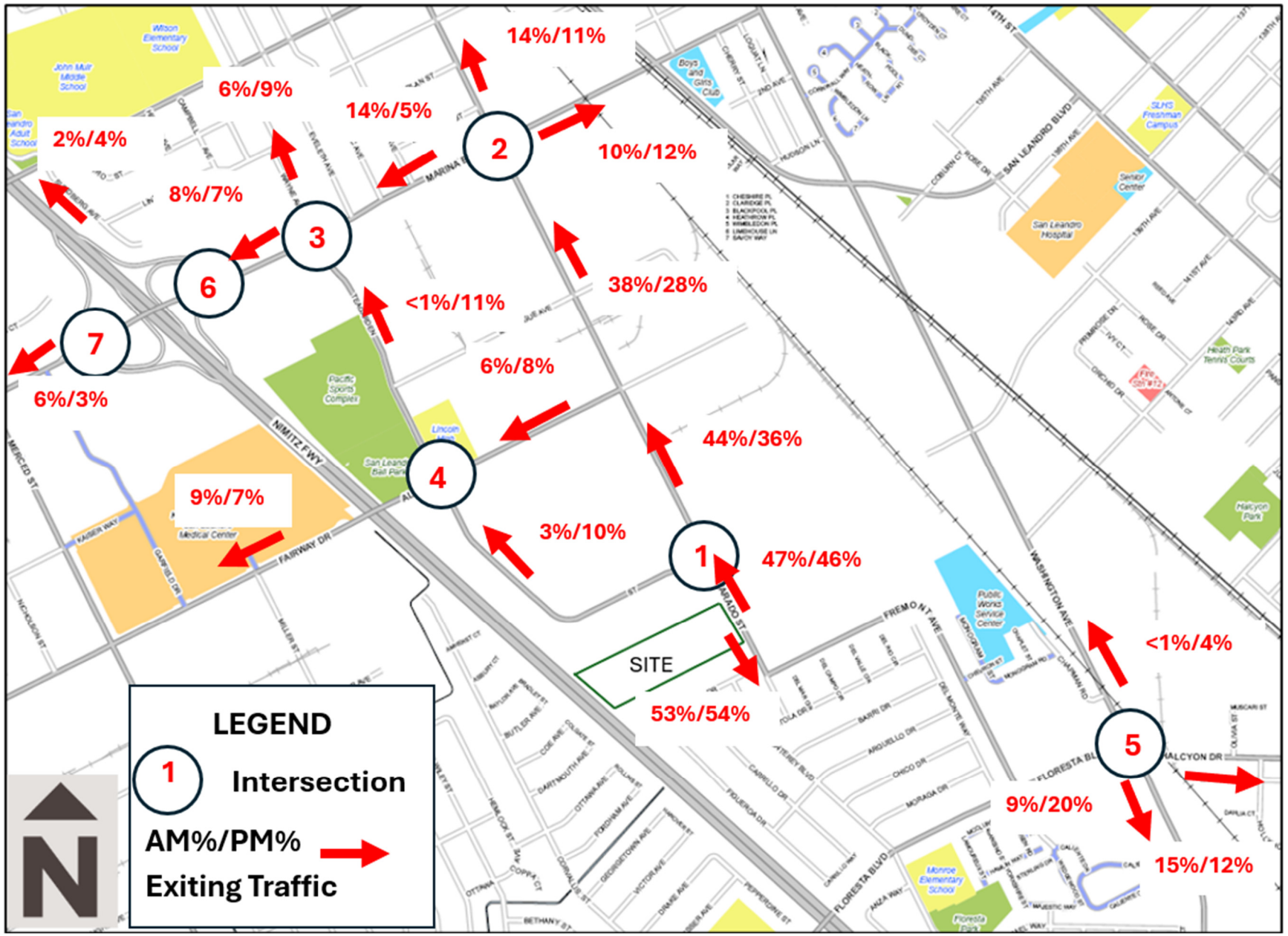

FIGURE 10: EXITING PROJECT TRIP DISTRIBUTION

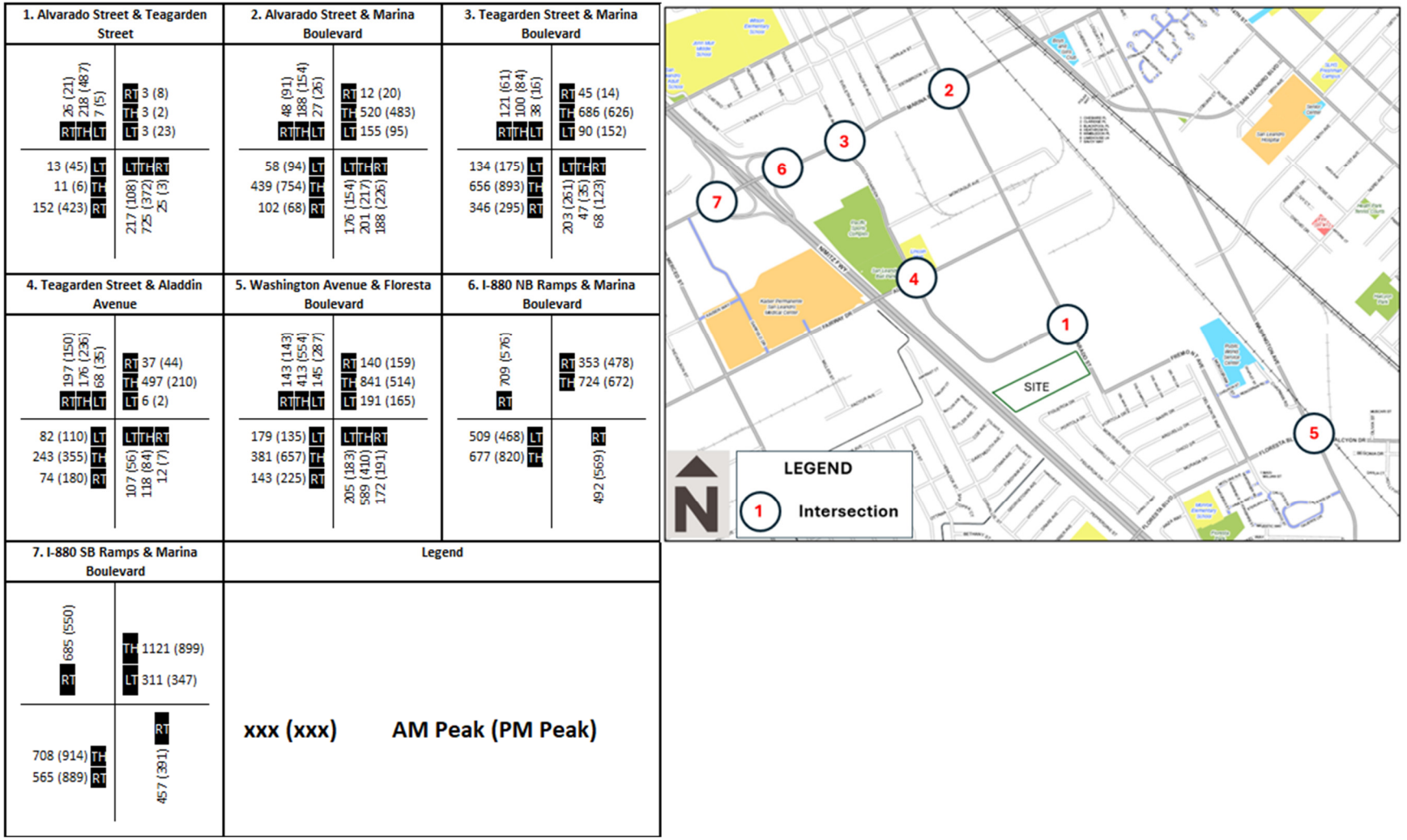

FIGURE 11: EXISTING PLUS APPROVED / PENDING PLUS PROJECT PEAK HOUR TRAFFIC VOLUMES

TABLE 7: EXISTING PLUS APPROVED / PENDING PLUS PROJECT INTERSECTION LEVEL OF SERVICE

INTERSECTION OPERATING CONDITIONS												
INTERSECTION	EXISTING PLUS APPROVED AND PENDING PROJECTS						EXISTING PLUS APPROVED / PENDING PLUS PROJECT					
	AM PEAK HOUR			PM PEAK HOUR			AM PEAK HOUR			PM PEAK HOUR		
	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C
1. Alvarado Street & Teagarden Street / Driveway	15.8	B	0.62	24.9	C	0.61	16.2	B	0.64	25.5	C	0.62
2. Alvarado Street & Marina Boulevard	40.0	D	0.66	36.7	D	0.58	39.6	D	0.65	37.3	D	0.59
3. Teagarden Street / Wayne Avenue & Marina Boulevard	33.9	C	0.64	39.9	D	0.62	37.1	D	0.64	41.3	D	0.64
4. Teagarden Street & Fairway Drive / Aladdin Avenue	26.3	C	0.76	21.1	C	0.75	27.8	C	0.83	21.2	C	0.75
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	32.6	C	0.67	35.1	D	0.56	34.2	C	0.68	35.4	D	0.57
6. Marina Boulevard & I-880 NB Ramps	19.1	B	0.81	14.6	B	0.65	19.3	B	0.83	15.0	B	0.71
7. Marina Boulevard & I-880 SB Ramps	15.2	B	0.67	13.1	B	0.56	15.4	B	0.69	13.1	B	0.56

EXISTING PLUS APPROVED / PENDING PLUS PROJECT INTERSECTION QUEUING

Table 8 summarizes the peak hour intersection queuing in turning lanes. Compared to existing conditions, no new locations have queues that exceed available storage. In locations where storage was previously exceeded, none of the queues have increased by 25 feet or more (1 vehicle length).

SUMMARY

The addition of project traffic does not result in any deficiencies based upon LOS or queuing.

The project would not interfere with existing or planned bicycle facilities.

The project would not interfere with existing or planned pedestrian facilities.

The project would not negatively affect transit services.

YEAR 2035 FORECASTED TRAFFIC

METHODOLOGY

The Alameda CTC travel model includes year 2020 and 2040 datasets. The difference in volume forecasts was calculated, and adjusted to reflect a 10 year change in traffic from 2025 to 2035. This difference was applied to the 2025 intersection count data for the AM and PM peak hours.

INTERSECTION OPERATIONS

INTERSECTION GEOMETRY

No changes were assumed in number of lanes, lane designations, or traffic signal timing / phasing from existing conditions.

YEAR 2035 FORECASTED TRAFFIC PEAK HOUR TRAFFIC VOLUMES

Figure 12 illustrates the peak hour traffic volumes.

YEAR 2035 FORECASTED TRAFFIC INTERSECTION LEVEL OF SERVICE

Table 9 summarizes the peak hour intersection operations. All of the intersections meet the City's LOS D criteria.

TABLE 8: EXISTING PLUS APPROVED / PENDING PLUS PROJECT INTERSECTION QUEUING

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING PLUS APPROVED AND PENDING PROJECTS		EXISTING PLUS APPROVED / PENDING PLUS PROJECT	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
1. Alvarado Street & Teagarden Street / Driveway	EBR	230	46	117	47	119
	NBL	125	141	110	141	116
	SBL	130	<25	<25	<25	<25
2. Florin Perkins Road & Siena Avenue / Thys Court	EBL	145	73	109	73	109
	EBR	145	<25	<25	<25	<25
	WBL	120	186	102	192	103
	NBL	130	212	165	215	168
	NBR	130	34	47	34	48
	SBL	130	<25	<25	<25	<25
3. Teagarden Street / Wayne Avenue & Marina Boulevard	EBL	125	194	246	194	247
	EBR	370	49	52	49	52
	WBL	175	143	232	143	233
	NBL	225	107	120	107	121
	NBR	225	<25	31	<25	31
	SBR	100	38	<25	38	<25

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING PLUS APPROVED AND PENDING PROJECTS		EXISTING PLUS APPROVED / PENDING PLUS PROJECT	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
4. Teagarden Street & Fairway Drive / Aladdin Avenue	EBL	115	123	127	123	127
	WBL	155	<25	<25	<25	<25
	NBL	150	142	48	142	50
	SBL	55	52	28	53	28
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	EBL	140	97	72	97	73
	EBR	175	43	51	43	52
	WBL	220	115	97	115	97
	WBR	30	54	66	54	66
	NBL	150	98	104	103	106
	NBR	320	43	46	43	46
	SBL	200	87	191	87	191
	SBR	60	41	44	42	45
6. Marina Boulevard & I-880 NB Ramps	EBL	700	264	251	264	251
	WBR	305	97	164	97	165

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING PLUS APPROVED AND PENDING PROJECTS		EXISTING PLUS APPROVED / PENDING PLUS PROJECT	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
7. Marina Boulevard & I-880 SB Ramps	EBR	310	47	127	47	127
	WBL	165	98	113	98	113
	NBR	160	44	78	45	78
	SBR	630	231	139	232	139

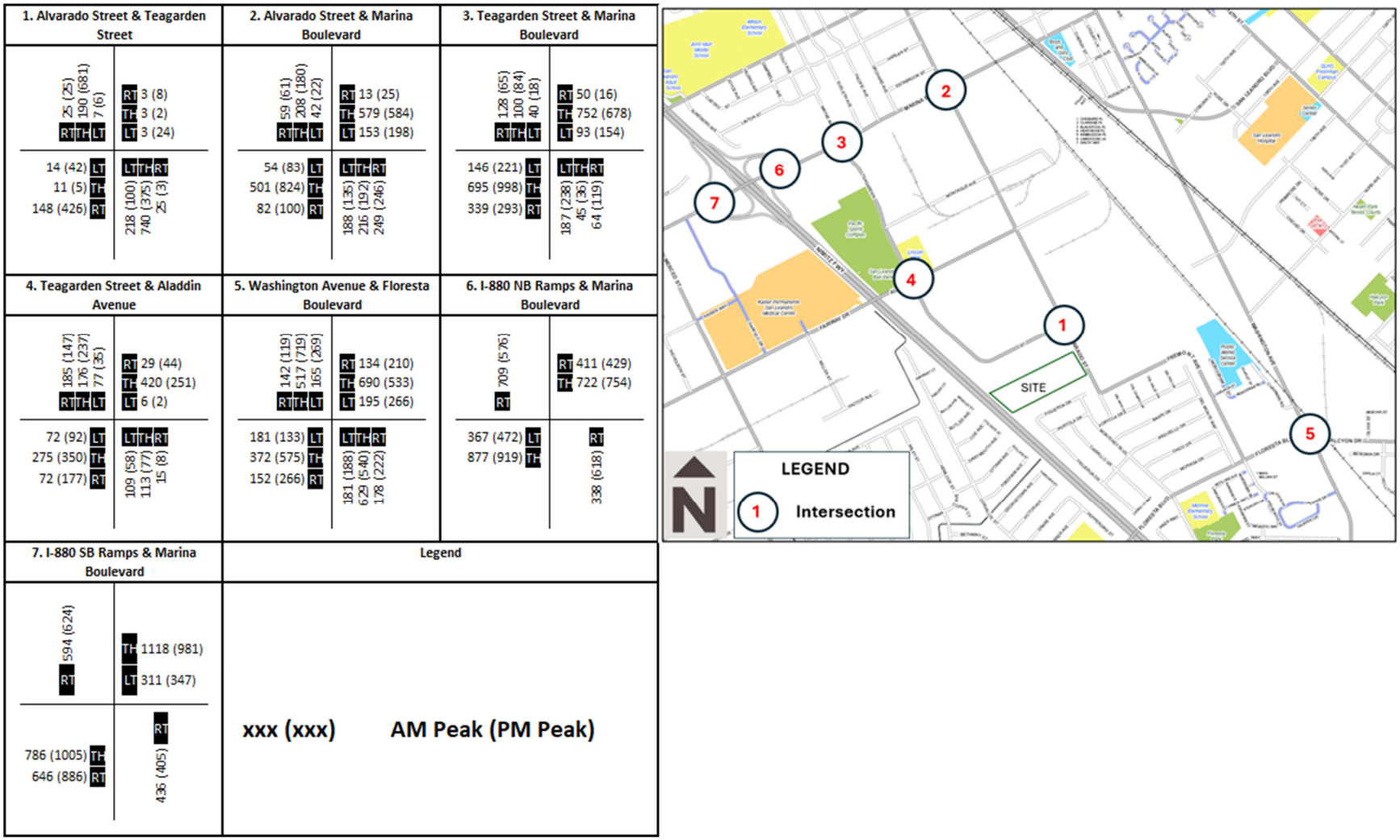

FIGURE 12: YEAR 2035 FORECASTED TRAFFIC PEAK HOUR TRAFFIC VOLUMES

TABLE 9: YEAR 2035 FORECASTED TRAFFIC INTERSECTION LEVEL OF SERVICE

INTERSECTION OPERATING CONDITIONS												
INTERSECTION	EXISTING CONDITIONS						YEAR 2035 FORECASTED TRAFFIC					
	AM PEAK HOUR			PM PEAK HOUR			AM PEAK HOUR			PM PEAK HOUR		
	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C	DELAY (SECONDS)	LOS	V/C
1. Alvarado Street & Teagarden Street / Driveway	15.8	B	0.62	24.9	C	0.61	16.3	B	0.65	41.7	D	0.81
2. Alvarado Street & Marina Boulevard	40.0	D	0.66	36.7	D	0.58	41.4	D	0.69	41.2	D	0.66
3. Teagarden Street / Wayne Avenue & Marina Boulevard	33.9	C	0.64	39.9	D	0.62	39.3	D	0.67	51.2	D	0.70
4. Teagarden Street & Fairway Drive / Aladdin Avenue	26.3	C	0.76	21.1	C	0.75	24.1	C	0.72	20.3	C	0.73
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	32.6	C	0.67	35.1	D	0.56	31.5	C	0.64	36.4	D	0.62
6. Marina Boulevard & I-880 NB Ramps	19.1	B	0.81	14.6	B	0.65	18.0	B	0.83	14.9	B	0.70
7. Marina Boulevard & I-880 SB Ramps	15.2	B	0.67	13.1	B	0.56	14.0	B	0.64	13.9	B	0.60

YEAR 2035 FORECASTED TRAFFIC INTERSECTION QUEUING

Table 10 summarizes the peak hour intersection queuing in turning lanes.

Compared to existing conditions, in locations where storage was previously exceeded, none of the queues have increased by 25 feet or more (1 vehicle length).

Compared to existing conditions, one new location has a queue that exceeds available storage by more than 1 vehicle length (25 feet).

- Intersection 2: Alvarado Street & Marina Boulevard
  - Westbound left turn lane in the PM peak hour. (Queue extends into TWLTL. Queue previously exceeded available storage in the AM peak hour only.)

VMT ANALYSIS

VMT analysis of the project is based upon the City's proposed guidelines, as described in the memorandum "City of San Leandro Proposed Guidelines for Analyzing VMT", Fehr & Peers, December 8, 2023.

The California Environmental Quality Act (CEQA) requires land use development and transportation projects to identify, disclose, and mitigate environmental impacts. In accordance with SB 743, jurisdictions in California are now required to use VMT based metrics to evaluate environmental impacts related to transportation. VMT measures the amount of driving produced by a project and provides a measure of travel efficiency of a land use project.

The first step in VMT analysis is the screening process. The screening process provides a simplified methodology to determine if a project is unlikely to result in significant VMT impacts, thereby avoiding detailed VMT analysis. In the case of an industrial project, the project meets the screening criteria if it is located in a "Low VMT Area". Low VMT areas are traffic analysis zones (TAZs) that have existing VMT that is 15% below the existing home-based VMT per resident for the Central Planning Area for residential uses, 15% below the existing home-work VMT per worker for the Central Planning Area for employment uses that are office or similar uses, and below the existing average home-work VMT per worker for the Central Planning Area for employment uses that are industrial, warehouse or similar uses.

Figure 13 illustrates the VMT screening map for industrial uses, and the location of the project. The project is located in an area that is "Between 15% below and Planning Area 2 average (threshold of significance for industrial uses)". It is therefore concluded that the project's CEQA VMT transportation impact is less than significant, and that additional VMT analysis is unnecessary.

TABLE 10: YEAR 2035 FORECASTED TRAFFIC INTERSECTION QUEUING

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		YEAR 2035 FORECASTED TRAFFIC	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
1. Alvarado Street & Teagarden Street / Driveway	EBR	230	46	116	46	161
	NBL	125	141	110	141	107
	SBL	130	<25	<25	<25	<25
2. Florin Perkins Road & Siena Avenue / Thys Court	EBL	145	68	100	70	95
	EBR	145	<25	<25	<25	<25
	WBL	120	206	102	190	245
	NBL	130	213	169	232	133
	NBR	130	34	47	36	49
	SBL	130	<25	<25	29	<25
3. Teagarden Street / Wayne Avenue & Marina Boulevard	EBL	125	187	231	210	306
	EBR	370	49	52	48	51
	WBL	175	149	233	148	231
	NBL	225	109	120	102	112
	NBR	225	<25	31	<25	30
	SBR	100	39	<25	43	<25

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		YEAR 2035 FORECASTED TRAFFIC	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
4. Teagarden Street & Fairway Drive / Aladdin Avenue	EBL	115	121	127	107	101
	WBL	155	<25	<25	<25	<25
	NBL	150	136	48	138	51
	SBL	55	52	28	59	28
5. Washington Avenue & Floresta Boulevard / Halcyon Drive	EBL	140	97	70	100	72
	EBR	175	43	51	44	92
	WBL	220	94	95	118	179
	WBR	30	40	65	50	105
	NBL	150	115	102	92	109
	NBR	320	43	46	44	49
	SBL	200	74	190	105	176
	SBR	60	42	43	44	35
6. Marina Boulevard & I-880 NB Ramps	EBL	700	240	237	169	256
	WBR	305	127	117	62	134

INTERSECTION	TURNING MOVEMENT	STORAGE LENGTH (FEET)	95TH PERCENTILE QUEUE (FEET)			
			EXISTING CONDITIONS		YEAR 2035 FORECASTED TRAFFIC	
			AM PEAK HOUR	PM PEAK HOUR	AM PEAK HOUR	PM PEAK HOUR
7. Marina Boulevard & I-880 SB Ramps	EBR	310	43	126	58	126
	WBL	165	97	113	98	113
	NBR	160	42	71	55	97
	SBR	630	227	136	167	180

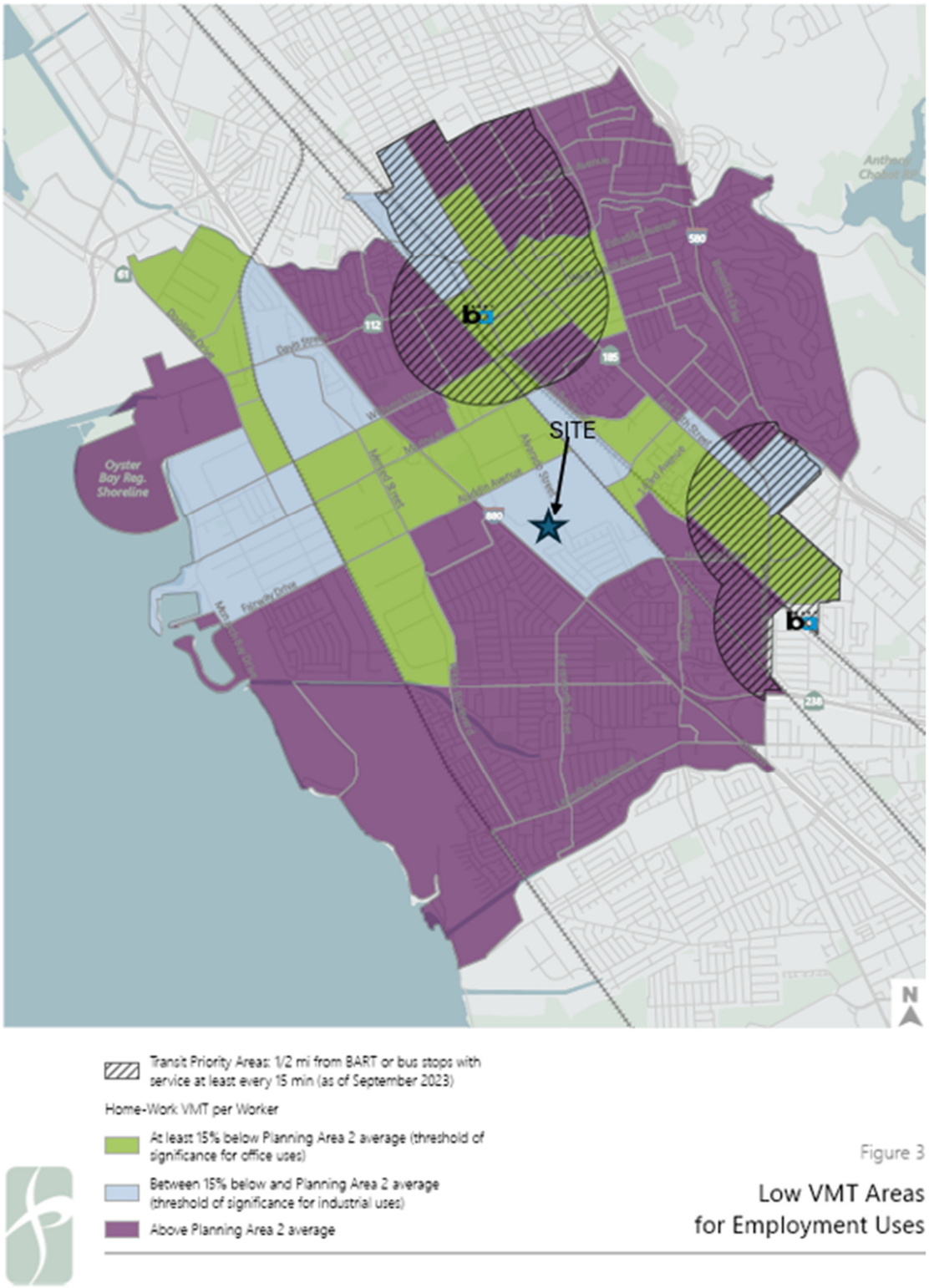

FIGURE 13: VMT SCREENING MAP

SITE OPERATIONS REVIEW

The project circulation was reviewed with regard to safety, circulation, adequacy of driveway throat depths, and turn pocket storage. Figure 2 illustrates the site plan and proposed circulation elements.

The circulation plan separates passenger vehicle traffic from truck traffic. Truck traffic will be accommodated via the north driveway. Passenger vehicle traffic will be accommodated via the center and south driveways. Alvarado Street has one travel lane in each direction, a center TWLTL, buffered Class II bikeways in each direction, and sidewalks for pedestrians on each side.

The north (truck) driveway is forty-feet wide, to accommodate heavy truck turning movements. It has a throat depth of about 155 feet, capable of storing two semi-trailer trucks.

The center driveway is about 26 feet wide, and has a throat depth of about 35 feet. The south driveway is about 26 feet wide, and has a throat depth of about 60 feet.

Synchro 12 software was utilized to evaluate the delay and queuing entering and exiting the site at each driveway during the AM and PM peak hours, based upon the traffic volumes of the Existing Plus Approved / Pending Plus Project scenario. The driveway throat lengths are acceptable, as the 95th percentile queues at each driveway were one vehicle or less. Similarly, queuing in the TWLTL was limited to a 95th percentile queue of one vehicle or less. Because of driveway access to and from properties on the east side of Alvarado Street, no modifications to the TWLTL are recommended.

The onsite circulation plan appears to meet generally accepted practices, with adequately sized aisles and parking areas. The applicant's circulation plan shows the ability for a design semi-trailer truck to turn around at the west end of the truck dock / trailer storage area.

PARKING REVIEW

The parking requirements for the project have been calculated based upon the City's Chapter 4.08, Off-Street Parking and Loading Regulations.

For "Warehousing, Distributions and Storage Facilities", 1 off-street parking space per 1,500 square feet is required. Based upon the building size of approximately 241,000 square feet, this results in 161 parking spaces. The "Project Data" information on the site plans calculated parking based on 10 percent of the building as office, and the remaining 90 percent as warehouse, which yields 225 parking spaces. Typically, if the office space is associated with the warehouse use, the office space is not segregated for the parking calculation. However, if it is possible that the office space could be utilized by a user / tenant not associated with the warehouse operations, then this conservative calculation could be warranted. The reviewed site plan provides 231 parking spaces.

The City also requires off-street loading spaces. For a warehouse of this size, two 12' x 35' x 14' VC spaces and one 12' x 65' x 14' VC space are required. In the City comments on the site plan,

they have requested "a Type A and a Type B loading area for each tenant." The reviewed site plan does not include any off-street loading spaces.

For a parking lot with 201 to 300 spaces, ADA requires a minimum of 7 accessible parking spaces. The project provides 7 accessible parking spaces, 3 near the office entrance at the southeast corner of the building, and 4 near the office entrance at the southwest corner of the building.

The California Green Building Standards Code requires that, for a parking lot with 201 and over spaces, a minimum of 20 percent of spaces must be EV capable (EVC), and that 25 percent of the EVC spaces are provided with electric vehicle supply equipment (EVSE), also known as chargers. The project meets this requirement with 46 EVC spaces, 14 of which have EVSE. Three of the spaces with EVSE are accessible.

APPENDIX

DKS

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AN EMPLOYEE-OWNED COMPANY

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SECTION 2. DEVELOPMENT ACTIVITY MAP

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SECTION 4: TRIP DISTRIBUTION

SECTION 5: INTERSECTION ANALYSIS

SECTION 6: DRIVEWAY ANALYSIS

SECTION 1. TRAFFIC VOLUME DATA

Prepared by National Data & Surveying Services

Alvarado St & Teagarden St/New Comfort Living Dwy

Peak Hour Turning Movement Count

ID: 25-080062-001
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS	COUNT PERIODS
07:45 AM - 08:45 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND — Alvarado St

AM	26	202	7	0	707	AM
NOON	0	0	0	0	0	NOON
PM	21	476	5	0	409	PM

EASTBOUND — Teagarden St/New Comfort Living Dwy

AM	NOON	PM	
246	0	127	
0	0	0	0
13	0	45	0
11	0	6	0
149	0	422	0
AM	NOON	PM	

WESTBOUND — Teagarden St/New Comfort Living Dwy

PM	NOON	AM	
8	0	3	0
2	0	3	0
23	0	3	0
0	0	0	0
14	0	43	
PM	NOON	AM	

NORTHBOUND — Alvarado St

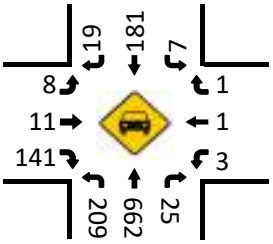
PM	921	0	104	356	3	PM
NOON	0	0	0	0	0	NOON
AM	354	0	217	691	25	AM

CONTROL

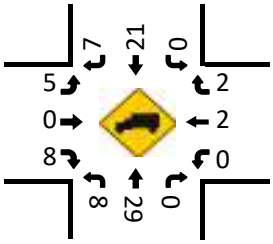
Signalized

TEV	1350	0	1471
	AM	NOON	PM
PHF	0.91		0.93

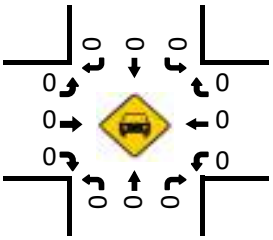
Cars (AM)



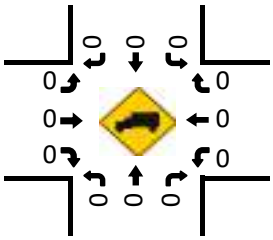
HT (AM)



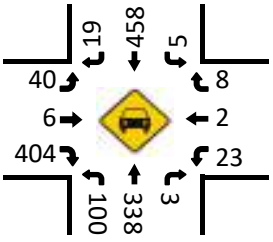
Cars (NOON)



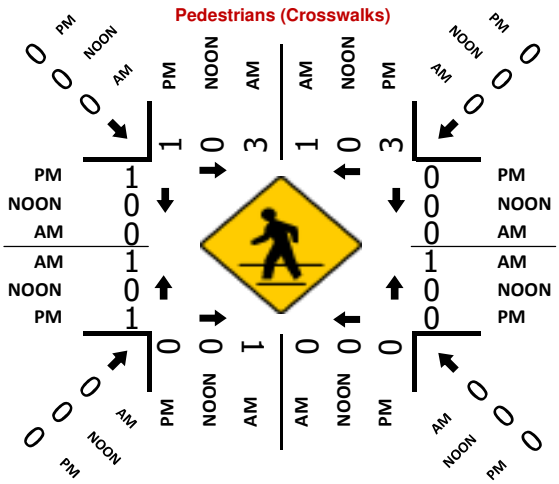
HT (NOON)



Cars (PM)



Pedestrians (Crosswalks)


PM
NOON
AM
1
0
3
0
0
0
1
0
0
0
1
0
0
0
1

Prepared by National Data & Surveying Services

Alvarado St & Marina Blvd

Peak Hour Turning Movement Count

ID: 25-080062-002
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Alvarado St)

AM	47	187	27	0	256	AM
NOON	0	0	0	0	0	NOON
PM	91	155	26	0	315	PM

EASTBOUND (Marina Blvd)

AM	NOON	PM	
770	0	726	
1	0	2	0
52	0	86	0
417	0	736	0
94	0	65	0
AM	NOON	PM	

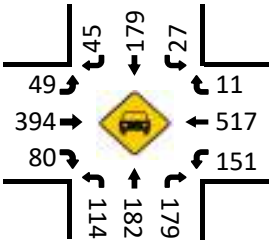
WESTBOUND (Marina Blvd)

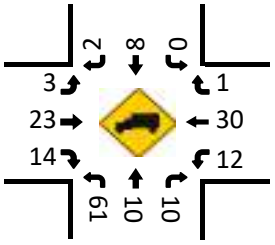
PM	NOON	AM	
19	0	12	0
478	0	547	0
93	0	163	0
1	0	0	0
990	0	633	
PM	NOON	AM	

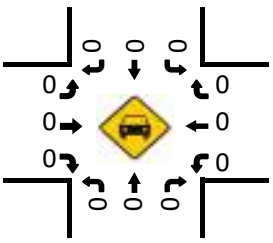
NORTHBOUND (Alvarado St)

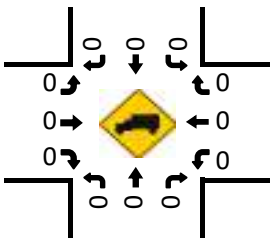
PM	313	0	155	210	227	PM
NOON	0	0	0	0	0	NOON
AM	444	0	175	192	189	AM

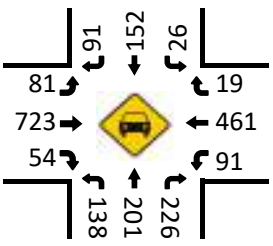
CONTROL			
Signalized			
TEV	2103 AM	0 NOON	2344 PM
PHF	0.82		0.95

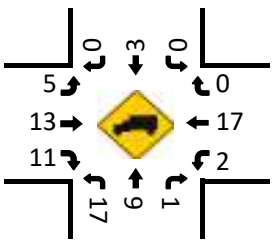


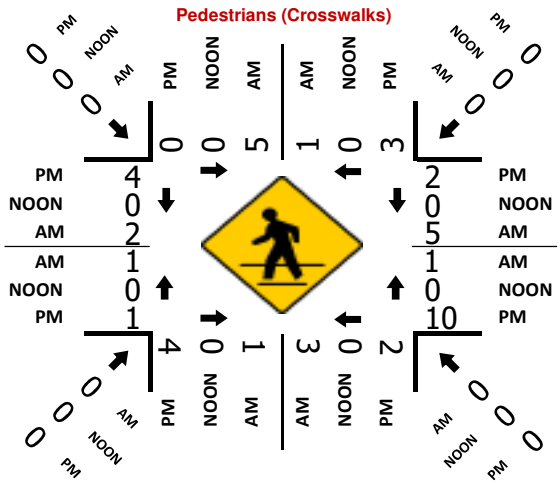












Prepared by National Data & Surveying Services

Wayne Ave/Teagarden St & Marina Blvd

Peak Hour Turning Movement Count

ID: 25-080062-003
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS

AM	07:45 AM - 08:45 AM
NOON	NONE
PM	05:00 PM - 06:00 PM

COUNT PERIODS

AM	7:00 AM - 09:00 AM
NOON	NONE
PM	4:00 PM - 06:00 PM

SOUTHBOUND — Wayne Ave/Teagarden St

AM	122	101	35	0	171	AM
NOON	0	0	0	0	0	NOON
PM	60	85	16	0	109	PM

EASTBOUND — Marina Blvd

AM	NOON	PM	
1086	0	1040	
48	0	99	0
81	0	65	0
606	0	866	0
337	0	293	0
AM	NOON	PM	

WESTBOUND — Marina Blvd

PM	NOON	AM	
12	0	44	0
621	0	710	0
147	0	89	0
7	0	4	0
1012	0	710	
PM	NOON	AM	

NORTHBOUND — Wayne Ave/Teagarden St

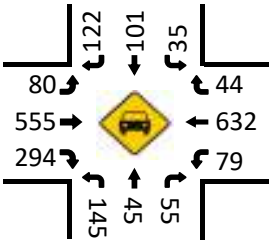
PM	525	0	260	32	123	PM
NOON	0	0	0	0	0	NOON
AM	527	0	206	46	65	AM

CONTROL

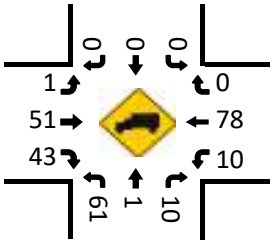
Signalized

TEV	2494 AM	0 NOON	2686 PM
PHF	0.87		0.94

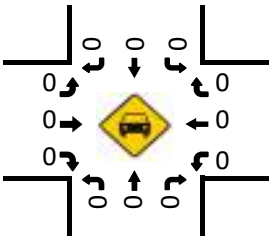
Cars (AM)



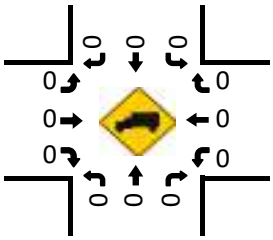
HT (AM)



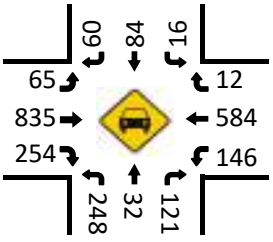
Cars (NOON)



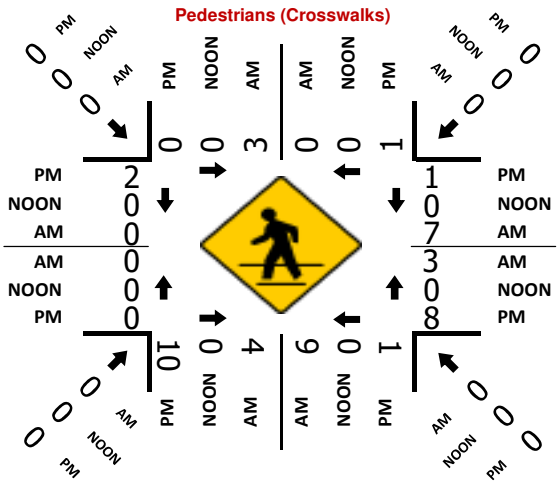
HT (NOON)



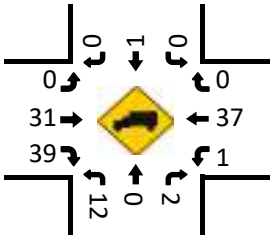
Cars (PM)



Pedestrians (Crosswalks)



HT (PM)



Prepared by National Data & Surveying Services

Teagarden St & Aladdin Ave/Fairway Dr

Peak Hour Turning Movement Count

ID: 25-080062-004
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS	COUNT PERIODS
07:45 AM - 08:45 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Teagarden St)

	L	T	R	U	Total	
AM	193	176	67	0	235	AM
NOON	0	0	0	0	0	NOON
PM	150	236	35	0	234	PM

EASTBOUND (Aladdin Ave/Fairway Dr)

AM	NOON	PM	
764	0	410	⇦
0	0	0	↶ 0
81	0	110	↱ 0
239	0	352	→ 0
72	0	179	↴ 0
AM	NOON	PM	

WESTBOUND (Aladdin Ave/Fairway Dr)

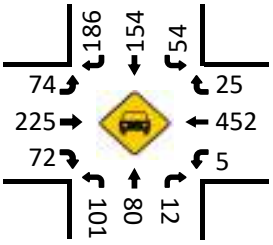
PM	NOON	AM	
42	0	35	↰ 0
206	0	465	← 0
2	0	6	↶ 0
0	0	0	↩ 0
394	0	318	⇨
PM	NOON	AM	

NORTHBOUND (Teagarden St)

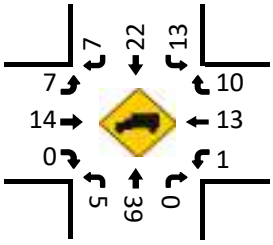
	L	T	R	U	Total	
PM	417	0	54	82	7	PM
NOON	0	0	0	0	0	NOON
AM	254	0	106	119	12	AM

CONTROL			
Signalized			
TEV	1571 AM	0 NOON	1455 PM
PHF	0.90		0.92

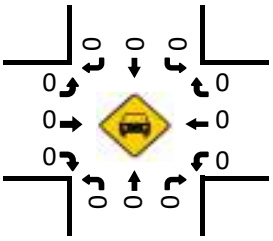
Cars (AM)



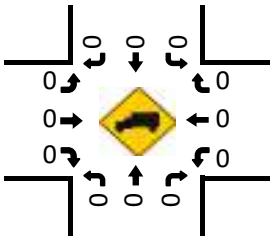
HT (AM)



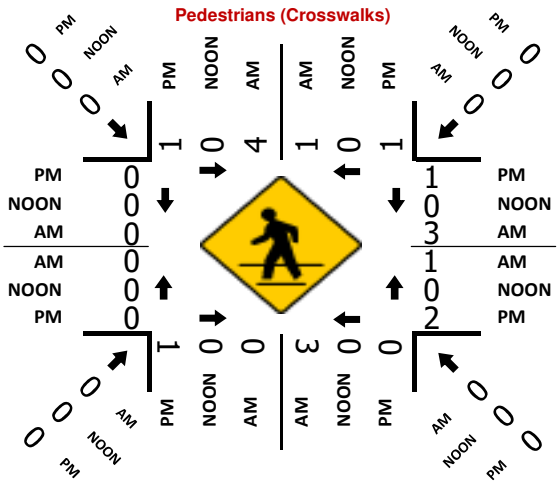
Cars (NOON)



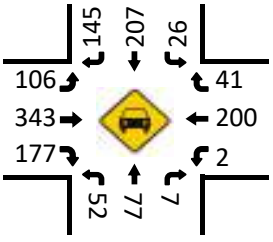
HT (NOON)



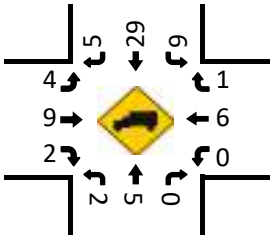
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



Prepared by National Data & Surveying Services

Washington Ave & Floresta Blvd/Halcyon Dr

Peak Hour Turning Movement Count

ID: 25-080062-005
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS	
AM	07:45 AM - 08:45 AM
NOON	NONE
PM	04:30 PM - 05:30 PM

COUNT PERIODS	
AM	7:00 AM - 09:00 AM
NOON	NONE
PM	4:00 PM - 06:00 PM

SOUTHBOUND (Washington Ave)

AM	143	391	132	0	890	AM
NOON	0	0	0	0	0	NOON
PM	140	543	286	0	684	PM

EASTBOUND (Floresta Blvd/Halcyon Dr)

AM	NOON	PM	
1151	0	829	
0	0	0	0
178	0	130	0
374	0	653	0
145	0	214	0
AM	NOON	PM	

WESTBOUND (Floresta Blvd/Halcyon Dr)

PM	NOON	AM	
156	0	119	0
510	0	788	0
163	0	167	0
0	0	0	0
1130	0	677	
PM	NOON	AM	

NORTHBOUND (Washington Ave)

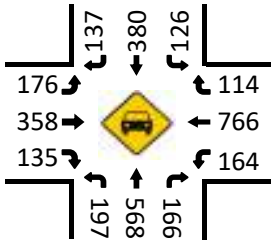
PM	920	0	179	398	191	PM
NOON	0	0	0	0	0	NOON
AM	703	0	220	593	171	AM

CONTROL

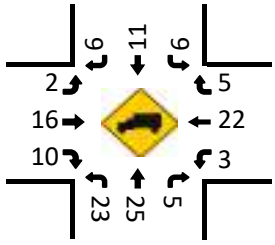
Signalized

TEV	3421	0	3563
	AM	NOON	PM
PHF	0.96		0.96

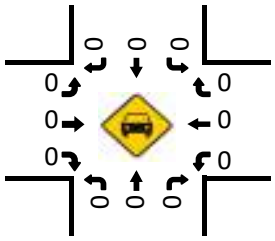
Cars (AM)



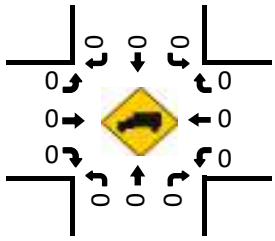
HT (AM)



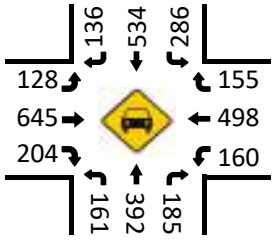
Cars (NOON)



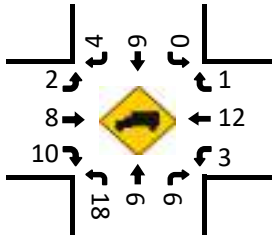
HT (NOON)



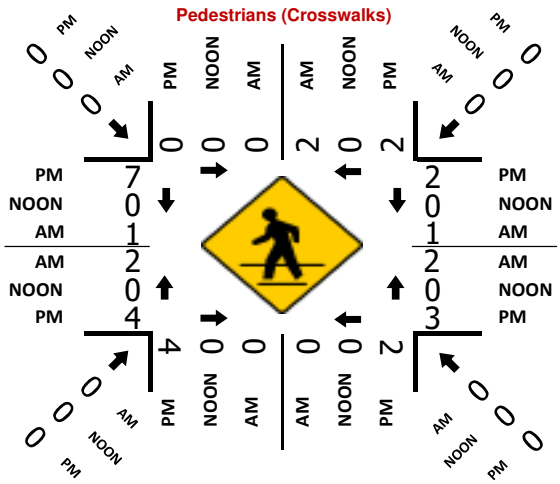
Cars (PM)



HT (PM)



Pedestrians (Crosswalks)



Prepared by National Data & Surveying Services

I-880 NB Ramps & Marina Blvd

Peak Hour Turning Movement Count

ID: 25-080062-006
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS

AM: 07:30 AM - 08:30 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 7:00 AM - 09:00 AM
NOON: NONE
PM: 4:00 PM - 06:00 PM

SOUTHBOUND — I-880 NB Ramps

AM	709	0	0	0	886	AM
NOON	0	0	0	0	0	NOON
PM	576	0	0	0	942	PM

EASTBOUND — Marina Blvd

AM	NOON	PM	
1406	0	1232	⇦
0	0	0	↶ 0
477	0	455	↱ 0
697	0	789	→ 0
0	0	0	↴ 0
AM	NOON	PM	

WESTBOUND — Marina Blvd

PM	NOON	AM	
487	0	409	0 ↰
656	0	696	0 ←
0	0	0	0 ↙
0	0	0	0 ↲
1349	0	1107	⇨
PM	NOON	AM	

NORTHBOUND — I-880 NB Ramps

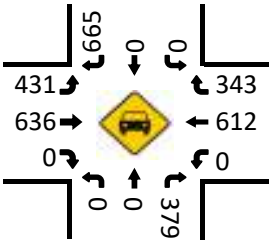
PM	0	0	0	0	560	PM
NOON	0	0	0	0	0	NOON
AM	0	0	1	0	410	AM

CONTROL

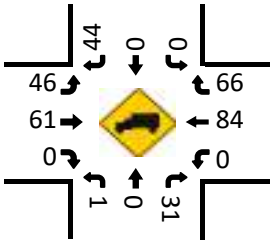
Signalized

TEV	3399 AM	0 NOON	3523 PM
PHF	0.94		0.94

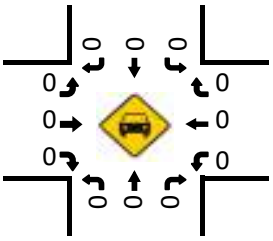
Cars (AM)



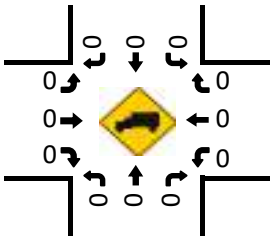
HT (AM)



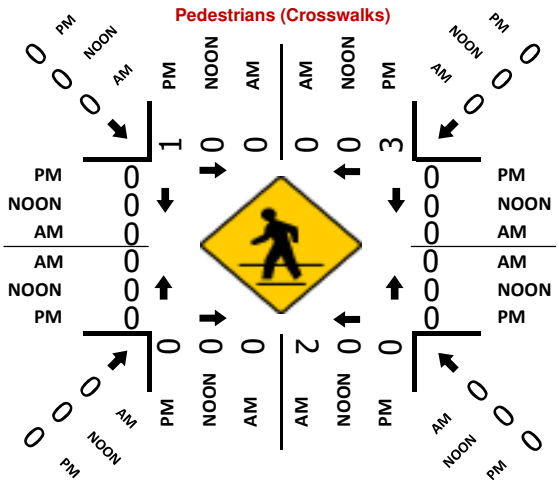
Cars (NOON)



HT (NOON)



Pedestrians (Crosswalks)


PM
NOON
AM
1
0
0
0
0
3
0
0
0
0
0
0
0
0
0
0
0

Prepared by National Data & Surveying Services

I-880 SB Ramps & Marina Blvd

Peak Hour Turning Movement Count

ID: 25-080062-007
City: San Leandro

Day: Tuesday
Date: 2/25/2025

PEAK HOURS	COUNT PERIODS
07:45 AM - 08:45 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND (I-880 SB Ramps)

AM	681	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	547	0	0	0	0	PM

EASTBOUND (Marina Blvd)

AM	NOON	PM	
1773	0	1430	⇦
0	0	0	↩ 0
0	0	0	↱ 0
707	0	873	→ 0
542	0	885	↴ 0
AM	NOON	PM	

WESTBOUND (Marina Blvd)

PM	NOON	AM	
0	0	0	↰ 0
883	0	1092	← 0
344	0	307	↶ 0
3	0	4	↩ 0
1265	0	1156	⇨
PM	NOON	AM	

NORTHBOUND (I-880 SB Ramps)

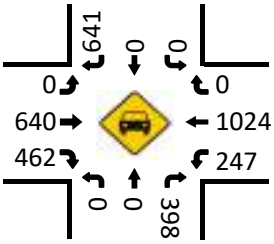
PM	1229	0	0	0	389	PM
NOON	0	0	0	0	0	NOON
AM	849	0	0	0	445	AM

CONTROL

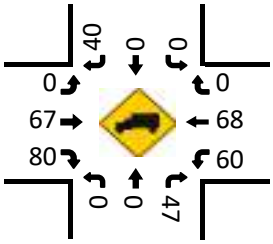
Signalized

TEV	3778 AM	0 NOON	3924 PM
PHF	0.96		0.92

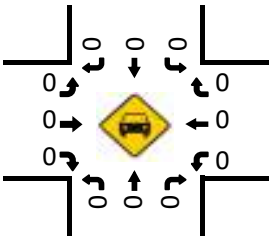
Cars (AM)



HT (AM)



Cars (NOON)



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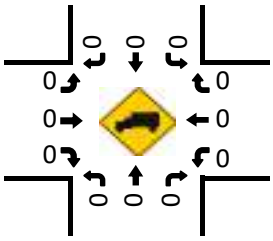
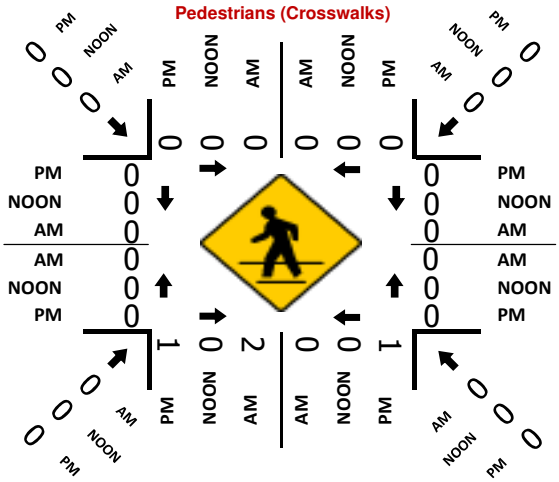
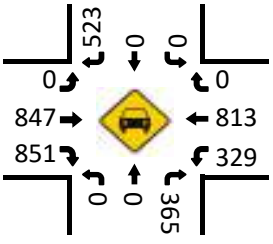


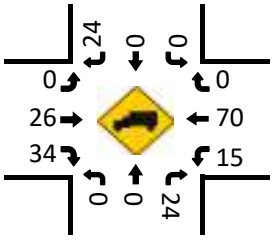
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



SECTION 2. DEVELOPMENT ACTIVITY MAP

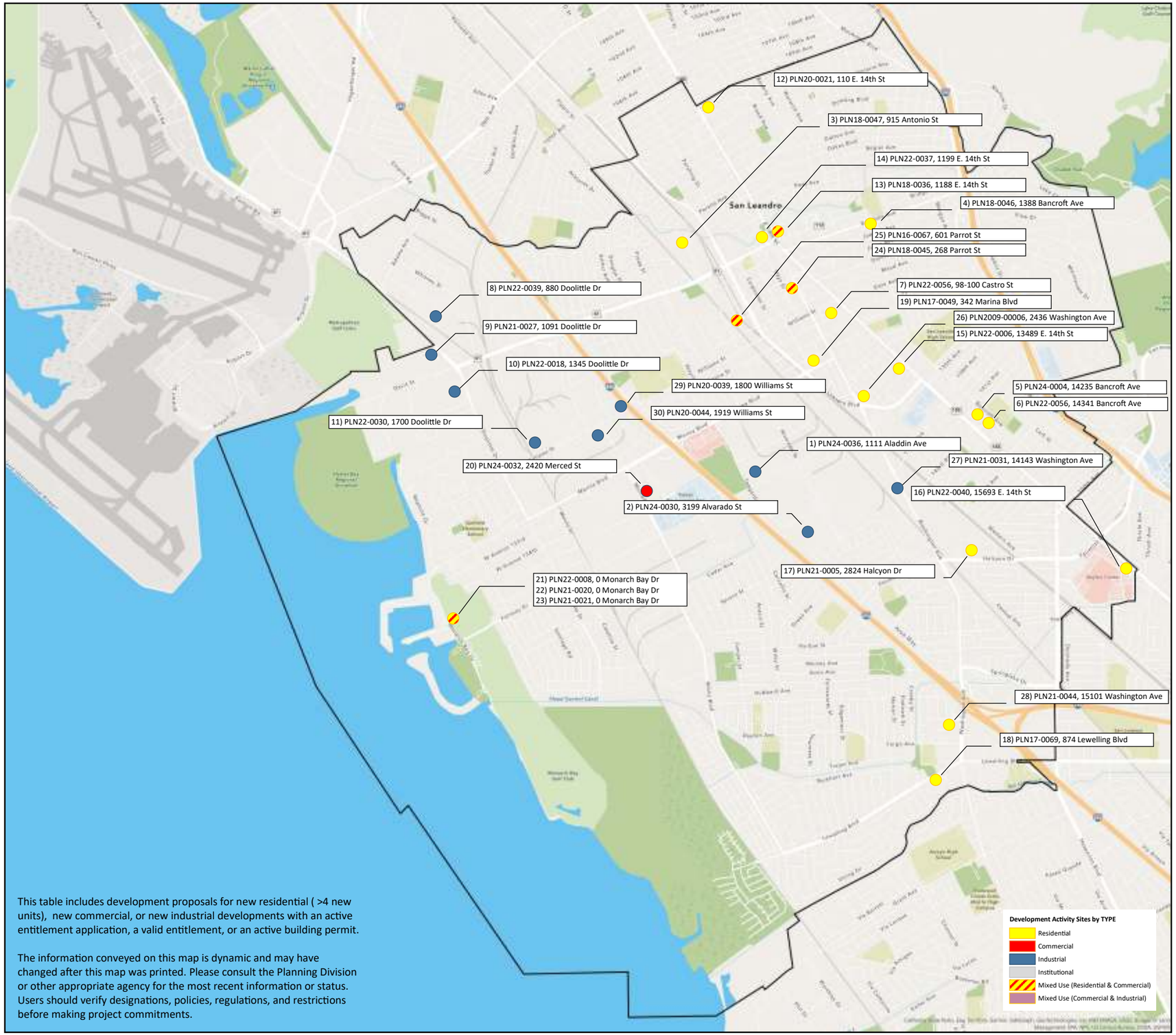
City of San Leandro
Community Development Department, Planning Division
835 East 14th Street
San Leandro, CA 94577
www.sanleandro.org

Development Activity Map

Amended through December 23, 2024

ID No.	File No.	Applicant	Address	Street
1	PLN24-0036	ACCO Engineered Systems	1111	Aladdin Ave
2	PLN24-0030	Ware Malcomb	3199	Alvarado St
3	PLN18-0013 PLN18-0047	Maximus Antonio Alvarado LLC	915	Antonio St
4	PLN18-0046	Thomas Silva, Eden Realty	1388	Bancroft Ave
5	PLN24-0004	Firm Foundation Community Housing	14235	Bancroft Ave
6	PLN18-0096	Richard Chiu	14341	Bancroft Ave
7	PLN22-0056	Habitat for Humanity East Bay Silicon Valley	98-100	Castro St
8	PLN22-0039	HPA, Inc	880	Doolittle Dr
9	PLN21-0027	Alco Iron and Metal Company	1091	Doolittle Dr
10	PLN22-0018	Prologis, LP	1345	Doolittle Dr
11	PLN22-0030	W.P Carey Inc.	1700	Doolittle Dr
12	PLN20-0021	AMG & Associates	110	East 14th St
13	PLN18-0036	14th & Callan JV LLC	1188	East 14th St
14	PLN22-0037	Bob Pickett	1199	East 14th St
15	PLN22-0006	Shoonya LLC	13489	East 14th St
16	PLN22-0040	AMG & Associates	15693	East 14th St
17	PLN21-0005	D.R. Horton Bay Inc.	2824	Halcyon Dr
18	PLN17-0069	GKW Architects	874	Lewelling Blvd
19	PLN17-0049	Chee Fong Chan	342	Marina Blvd
20	PLN24-0032	TH II Oakland Merced LP	2420	Merced St
21	PLN22-0008	Monarch Bay LLC	0	Monarch Bay Dr
22	PLN21-0020	Monarch Bay LLC	0	Monarch Bay Dr
23	PLN21-0021	Monarch Bay LLC	0	Monarch Bay Dr
24	PLN18-0045	David Langon	268	Parrot St
25	PLN16-0067	SLTC, LLC	601	Parrot St
26	PLN2009-00006 PLN21-0001	WM Matthews Inc.	2436	Washington Ave
27	PLN21-0031	First Industrial Trust Realty	14143-14273	Washington Ave
28	PLN21-0044	Abode Communities	15101	Washington Ave
29	PLN20-0039	SRG Architects	1800	Williams St
30	PLN20-0044	Prologis, LP	1919	Williams St

For more detailed information about these projects, please see the table on the following page



This table includes development proposals for new residential (>4 new units), new commercial, or new industrial developments with an active entitlement application, a valid entitlement, or an active building permit.

The information conveyed on this map is dynamic and may have changed after this map was printed. Please consult the Planning Division or other appropriate agency for the most recent information or status. Users should verify designations, policies, regulations, and restrictions before making project commitments.

Printed 2024-1223 wl

Development Activity Table - 2024-1223
The information on this table is dynamic and may have changed since this sheet was printed.
Please verify information before making project commitments.

ID No.	File No.	Applicant	Property Owner	Address	Street	Project Description	Info Sheet	Site Acreage	Residential Units	Entitlements	Status	Approval Authority	Project Planner / Staff Contact
1	PLN24-0036	ACCO Engineered Systems	ACCO Engineered Systems	1111	Aladdin Ave	Proposed expansion of industrial manufacturing facility		7.3	N/A	AdmSPR	UR	ZEO	Anne Wong awong@sanleandro.org
2	PLN24-0030	Ware Malcomb	CC Industries, Inc	3199	Alvarado St	Proposed approximately 252,200 SF industrial development		14.9	N/A	CUP/SPR	UR	PC	Lourdes Juarez ljuarez@sanleandro.org
3	PLN18-0013 PLN18-0047	Maximus Antonio Alvarado LLC	Maximus Antonio Alvarado LLC	915	Antonio St	Approved 687-unit mult-family residential development	Link	5.7	687	CUP/SPR	BPR	BZA	planner@sanleandro.org
4	PLN18-0046	Thomas Silva, Eden Realty	Silva and Gonzalves Trust	1388	Bancroft Ave	Approved 42-unit multi-family residential development	Link	1.3	42	PD/SPR	APV	CC	planner@sanleandro.org
5	PLN24-0004	Firm Foundation Community Housing	Presbytery of San Francisco	14235	Bancroft Ave	Approved 5-unit permanent supportive housing development	Link	1.0	5	AdmSPR (SB4)	APV	ZEO	Cindy Lemaire clemaire@sanleandro.org
6	PLN18-0096	Richard Chiu	Richard Chiu	14341	Bancroft Ave	Proposed 20-unit townhome development	Link	1.0	20	ZC/PD/SPR/TM	UR	CC	Binh Nguyen bnguyen@sanleandro.org
7	PLN22-0056	Habitat for Humanity East Bay Silicon Valley	Habitat for Humanity East Bay Silicon Valley	98-100	Castro St	Approved 3-unit affordable detached single-family development	Link	0.2	3	AdmSPR/CUP	APV	BZA	Anne Wong awong@sanleandro.org
8	PLN22-0039	HPA, Inc	Prologis, LP	880	Doolittle Dr	Proposed approximately 245,000 squre foot industrial development, including approximately 5,000 squre feet of office space		14.4	N/A	SPR/CUP/AE	UR	PC	Cindy Lemaire clemaire@sanleandro.org
9	PLN21-0027	Alco Iron and Metal Company	Alco Iron and Metal Company	1091	Doolittle Dr	Proposed expansion of an existing metal storage and processing facility onto two adjacent parcels and related site improvements		6.2	N/A	CUP/SPR	UR	PC	Cindy Lemaire clemaire@sanleandro.org
10	PLN22-0018	Prologis, LP	Prologis, LP	1345	Doolittle Dr	Approved modifications to an existing industrial building resulting in an approximately 264,000 square foot building	Link	12.5	N/A	SPR	UC	ZEO	Cindy Lemaire clemaire@sanleandro.org
11	PLN22-0030	W.P Carey Inc.	Build (CA) QRS 12-24 Inc.	1700	Doolittle Dr	Proposed approximately 71,200 square foot industrial builidng, including approximately 6,100 square feet of office space	Link	3.6	N/A	AdmSPR/CUP/AE	BPR	BZA	Cindy Lemaire clemaire@sanleandro.org
12	PLN20-0021	AMG & Associates	AMG & Associates	110	East 14th St	221-unit affordable multi-family residential development approved pursuant to SB 35.	Link	1.1	221	SPR (SB35)	APV	ZEO	planner@sanleandro.org
13	PLN18-0036	14th & Callan JV LLC	14th & Callan JV LLC	1188	East 14th St	Approved 196-unit five-story mixed-use residential development with approximately 23,000 SF specialty food market/supermarket and 5,600 SF ground floor retail space with 286-space parking garage located	Link	1.6	196	CUP/PE/SPR	UC	CC	Binh Nguyen bnguyen@sanleandro.org
14	PLN22-0037	Bob Pickett	Beam Development, LLC	1199	East 14th St	Approved 180-unit multi-family residential development	Link	1.2	180	CUP/PE/SPR	APV	BZA	Binh Nguyen bnguyen@sanleandro.org
15	PLN22-0006	Hillcrest Village	Shoonya LLC	13489	East 14th St	Approved 9-unit residential townhome development	Link	0.3	9	SPR/TM/PD	APV	CC	Lourdes Juarez ljuarez@sanleandro.org
16	PLN22-0040	AMG & Associates	Kingman Pacific Associates	15693	East 14th St	Approved 481-unit multi-family residential development	Link	3.6	481	AdmSPR	APV	ZEO	Anne Wong awong@sanleandro.org
17	PLN21-0005	D.R. Horton Bay Inc.	D.R. Horton Bay Inc.	2824	Halcyon Dr	Approved 18-unit single-family residential development		2.4	18	ZC/PD/SPR/TM	UC	CC	Anne Wong awong@sanleandro.org
18	PLN17-0069	GKW Architects	Bucheng Li, Zhu Yurong	874	Lewelling Blvd	Approved 6-unit residential townhome development	Link	0.5	6	ZC/PD/SPR/TM	BPR	CC	planner@sanleandro.org
19	PLN17-0049	Chee Fong Chan	Chee Fong Chan	342	Marina Blvd	Approved 6-unit residential townhome development	Link	0.3	6	ZC/PD/SPR/TM	BPR	CC	planner@sanleandro.org
20	PLN24-0032	TH II Oakland Merced LP	TH II Oakland Merced LP	2420	Merced St	Proposed approximately 18,000 square foot adult day care, medical clinic faciility		1.9	N/A	AdmSPR/AR	UR	ZEO	Anne Wong awong@sanleandro.org
21	PLN22-0008	Monarch Bay LLC	City of San Leandro	0	Monarch Bay Dr	Approved 206-uniit single-family/townhome development - Monarch Bay Shoreline Public Private Partnership Project		16.3	206	DA/SPR/PD/UP	APV	CC	planner@sanleandro.org
22	PLN21-0020	Monarch Bay LLC	City of San Leandro	0	Monarch Bay Dr	Approved 220-room hotel development with attached restaurant - Monarch Bay Shoreline Public Private Partnership Project		6.6	N/A	DA/SPR/PD/UP	APV	CC	planner@sanleandro.org
23	PLN21-0021	Monarch Bay LLC	City of San Leandro	0	Monarch Bay Dr	Approved 285-unit multi-family residential development - Monarch Bay Shoreline Public Private Partnership Project		6.3	285	DA/SPR/PD/UP	APV	CC	planner@sanleandro.org
24	PLN18-0045	David Langon	David Langon	268	Parrot St	Approved 26-unit multi-family residential development with ground floor commercial and parking garage	Link	0.4	26	SPR/AE	APV	CC	Binh Nguyen bnguyen@sanleandro.org
25	PLN16-0067	SLTC, LLC	SLTC, LLC	601	Parrot St	Approved 197-unit mixed-use development with 197 multi-family residential units and 13,000 square feet of office located at the southern portion of the San Leandro Technology Campus (SLTC)		3.1	197	DA/PD/SPR	APV	CC	planner@sanleandro.org
26	PLN2009-00006 PLN21-0001	WM Matthews Inc.	WM Matthews Inc.	2436	Washington Ave	Approved 66-unit multi-family residential development		2.8	66	DA/SPR/TM	APV	CC	planner@sanleandro.org
27	PLN21-0031	First Industrial Trust Realty	First Industrial Trust Realty	14143-14273	Washington Ave	Approved approximately 52,269 SF speculative warehouse development with up to approximately 5,000 SF of office space		3.5	N/A	ZC/SPR/CUP/AE	BPR	CC	Binh Nguyen bnguyen@sanleandro.org
28	PLN21-0044	Abode Communities	Yi-Long Chang, Cathy Chang, Murray Chang	15101	Washington Ave	Approved 72-uniit affordable multi-family residential development	Link	1.0	72	SPR (SB 35)	BPR	ZEO	Anne Wong awong@sanleandro.org
29	PLN20-0039	SRG Architects	Artistic Stone Inc	1800	Williams St	Approved 9,306 SF industrial building and related site improvements		1.7	N/A	SPR	APV	ZEO	Lourdes Juarez ljuarez@sanleandro.org
30	PLN20-0044 PLN23-0007	Prologis, LP	Prologis, LP	1919	Williams St	Approved approximately 221,000 SF industrial building, including approximately 3,400 SF of office space, and related site improvements		9.5	N/A	CUP/SPR/AE	UC	PC	Anne Wong awong@sanleandro.org

Status Codes:
UR- Entitlement Application Under Review, APV- Entitlement Application Approved, BPR- Building Permit Review, UC- Under Construction

Entitlement Codes:
GPA- General Plan Amendment, ZC - Zoning Map Amendment, PD - Planned District, SPR - Site Plan Review, AdmSPR - Administrative Site Plan Review, CUP - Conditional Use Permit, AE - Administrative Exception, TM - Tentative Map, DA - Development Agreement

Printed 12.23.24

SECTION 3: TRIP GENERATION

Land Use: 150
Warehousing

Description

A warehouse is primarily devoted to the storage of materials, but it may also include office and maintenance areas. High-cube transload and short-term storage warehouse (Land Use 154), high-cube fulfillment center warehouse (Land Use 155), high-cube parcel hub warehouse (Land Use 156), and high-cube cold storage warehouse (Land Use 157) are related uses.

Additional Data

The technical appendices provide supporting information on time-of-day distributions for this land use. The appendices can be accessed through either the ITETripGen web app or the trip generation resource page on the ITE website (https://www.ite.org/technical-resources/topics/trip-and-parking-generation/).

The sites were surveyed in the 1980s, the 1990s, the 2000s, and the 2010s in California, Connecticut, Minnesota, New Jersey, New York, Ohio, Oregon, Pennsylvania, and Texas.

Source Numbers

184, 331, 406, 411, 443, 579, 583, 596, 598, 611, 619, 642, 752, 869, 875, 876, 914, 940, 1050

Warehousing
(150)

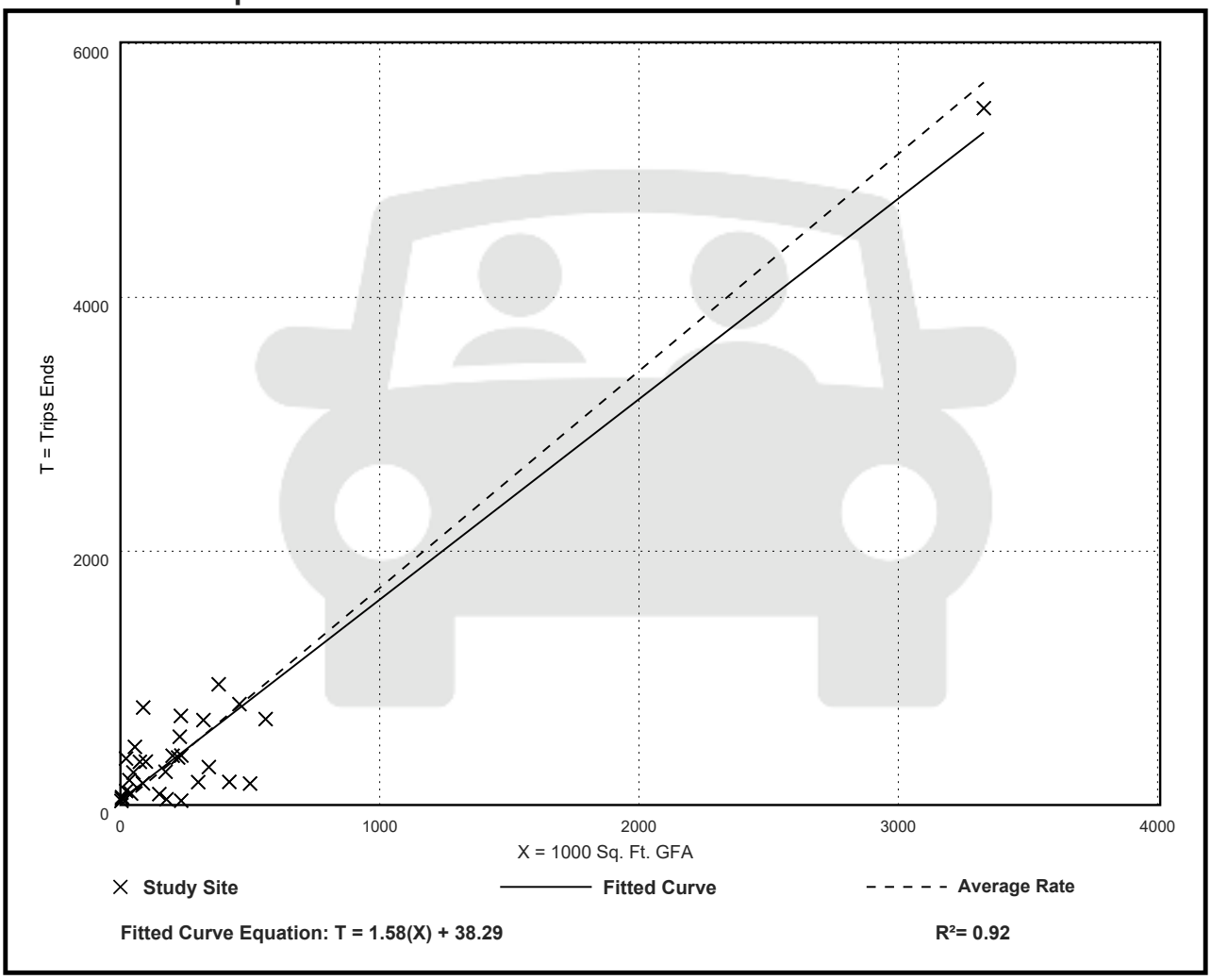
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 31
Avg. 1000 Sq. Ft. GFA: 292
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
1.71	0.15 - 16.93	1.48

Data Plot and Equation



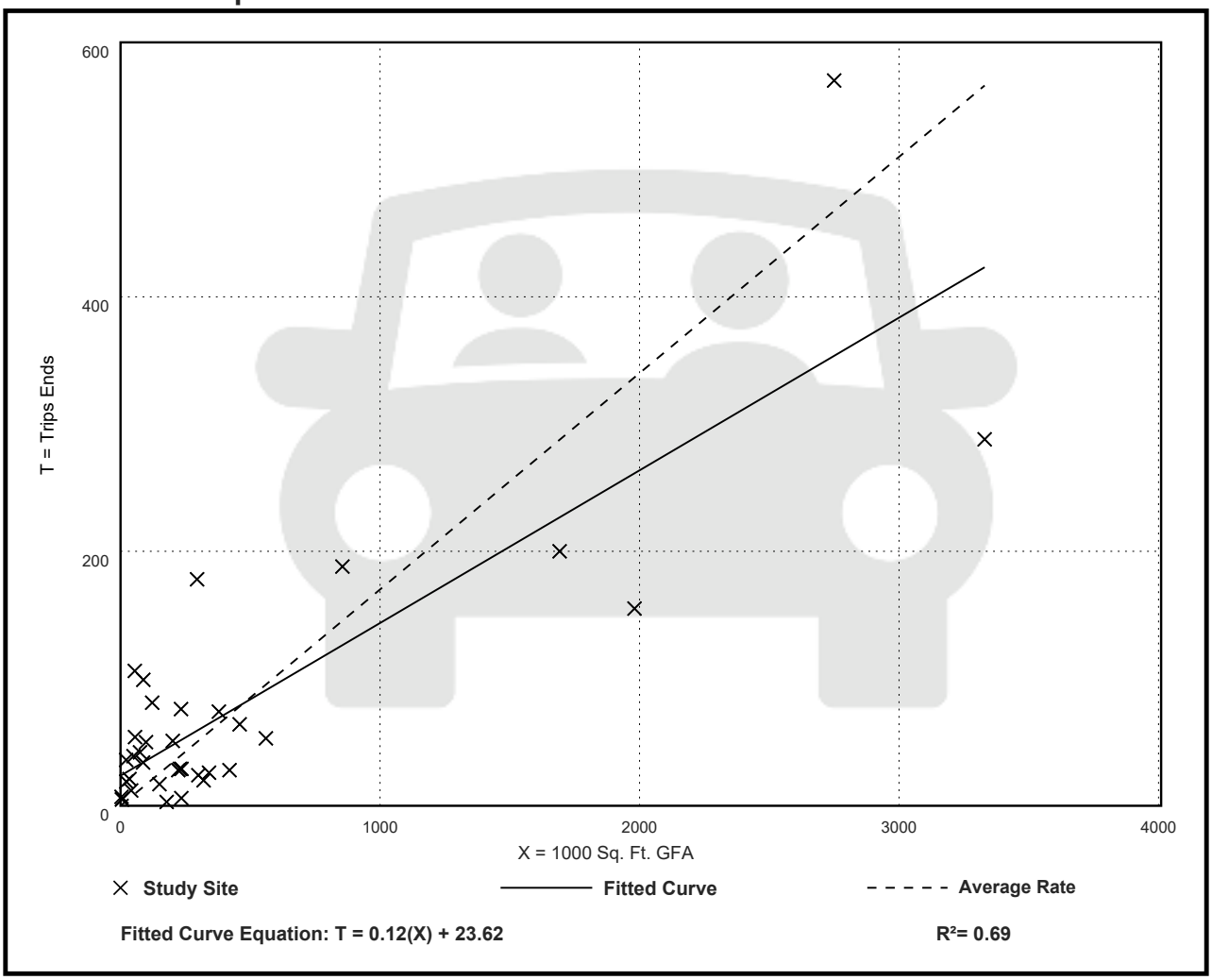
Warehousing
(150)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: General Urban/Suburban
Number of Studies: 36
Avg. 1000 Sq. Ft. GFA: 448
Directional Distribution: 77% entering, 23% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.17	0.02 - 1.93	0.19

Data Plot and Equation



Fitted Curve Equation: T = 0.12(X) + 23.62

R^2= 0.69

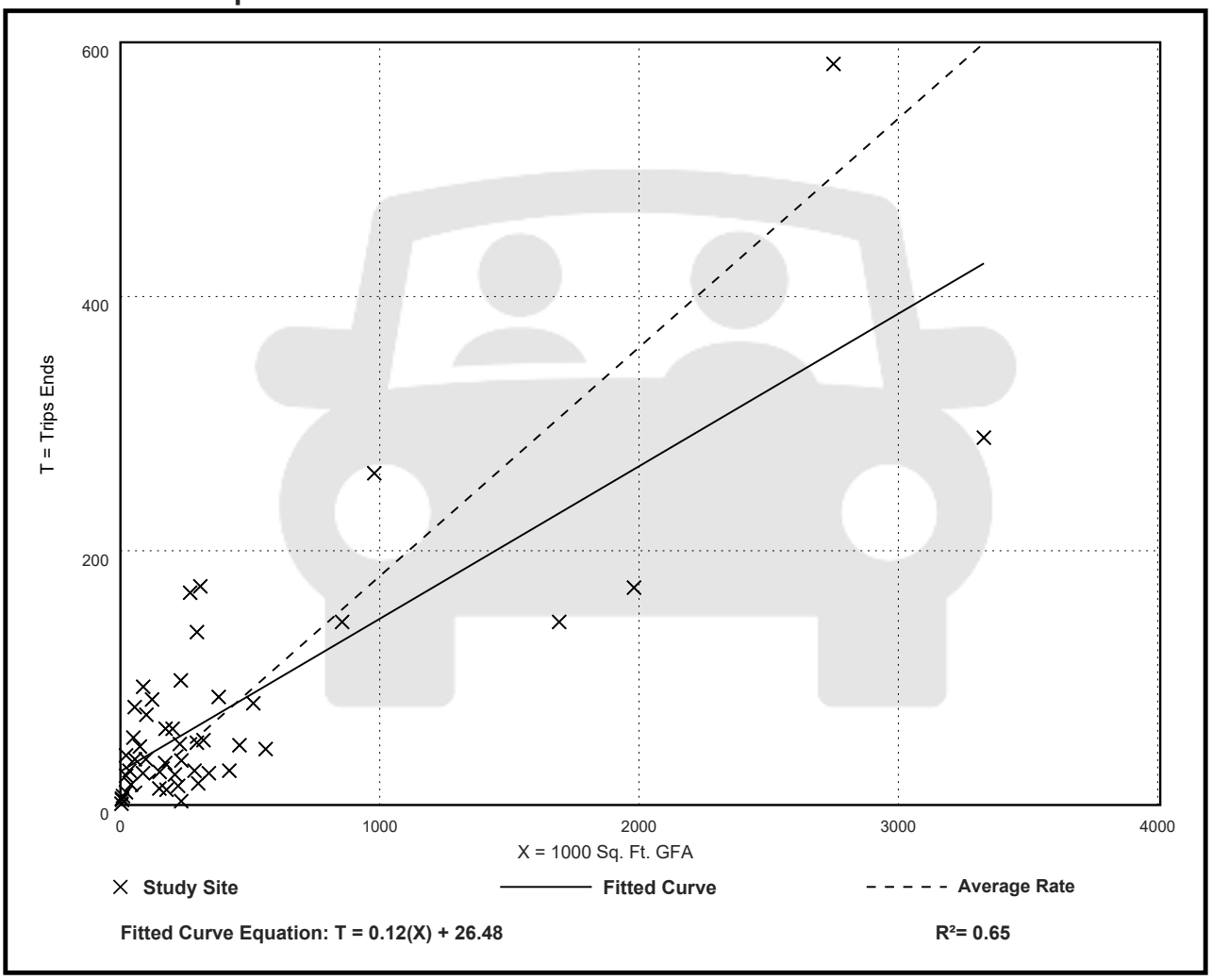
Warehousing
(150)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 49
Avg. 1000 Sq. Ft. GFA: 400
Directional Distribution: 28% entering, 72% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.18	0.01 - 1.80	0.18

Data Plot and Equation



Fitted Curve Equation: T = 0.12(X) + 26.48

R^2= 0.65

Warehousing
(150)

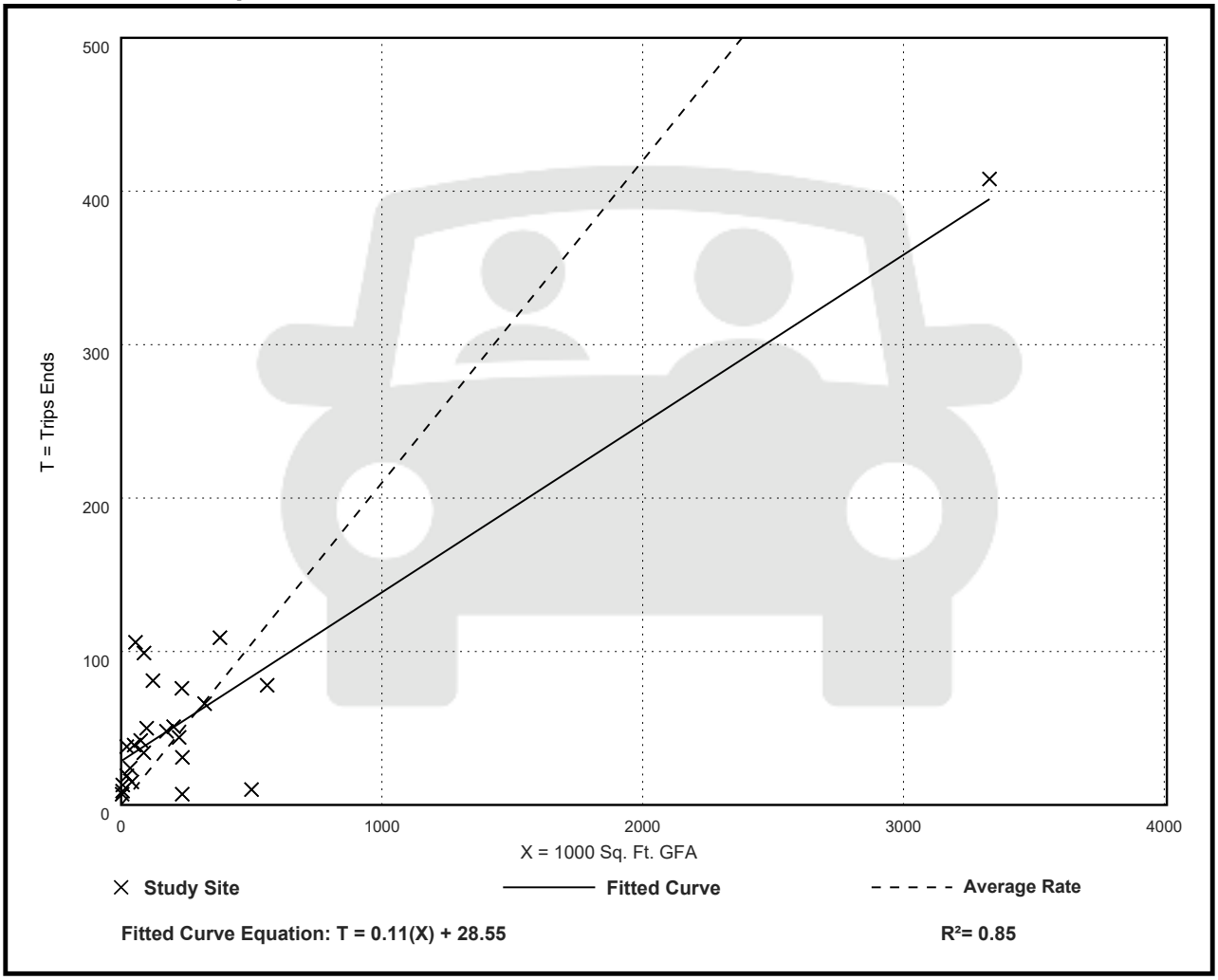
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 25
Avg. 1000 Sq. Ft. GFA: 284
Directional Distribution: 66% entering, 34% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.21	0.02 - 2.08	0.26

Data Plot and Equation



Warehousing
(150)

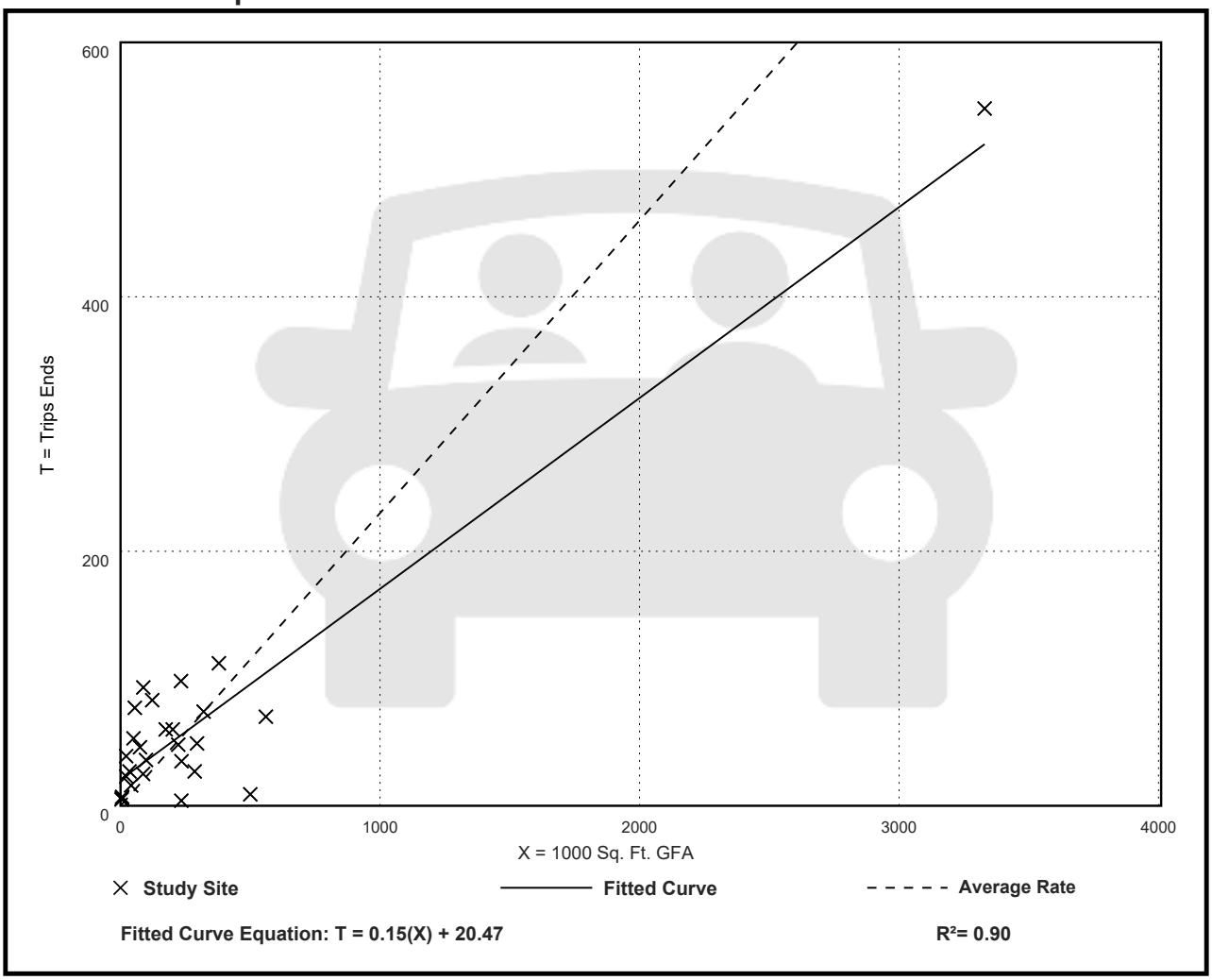
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 27
Avg. 1000 Sq. Ft. GFA: 284
Directional Distribution: 24% entering, 76% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.23	0.02 - 1.80	0.23

Data Plot and Equation



Fitted Curve Equation: T = 0.15(X) + 20.47

R^2= 0.90

Warehousing
(150)

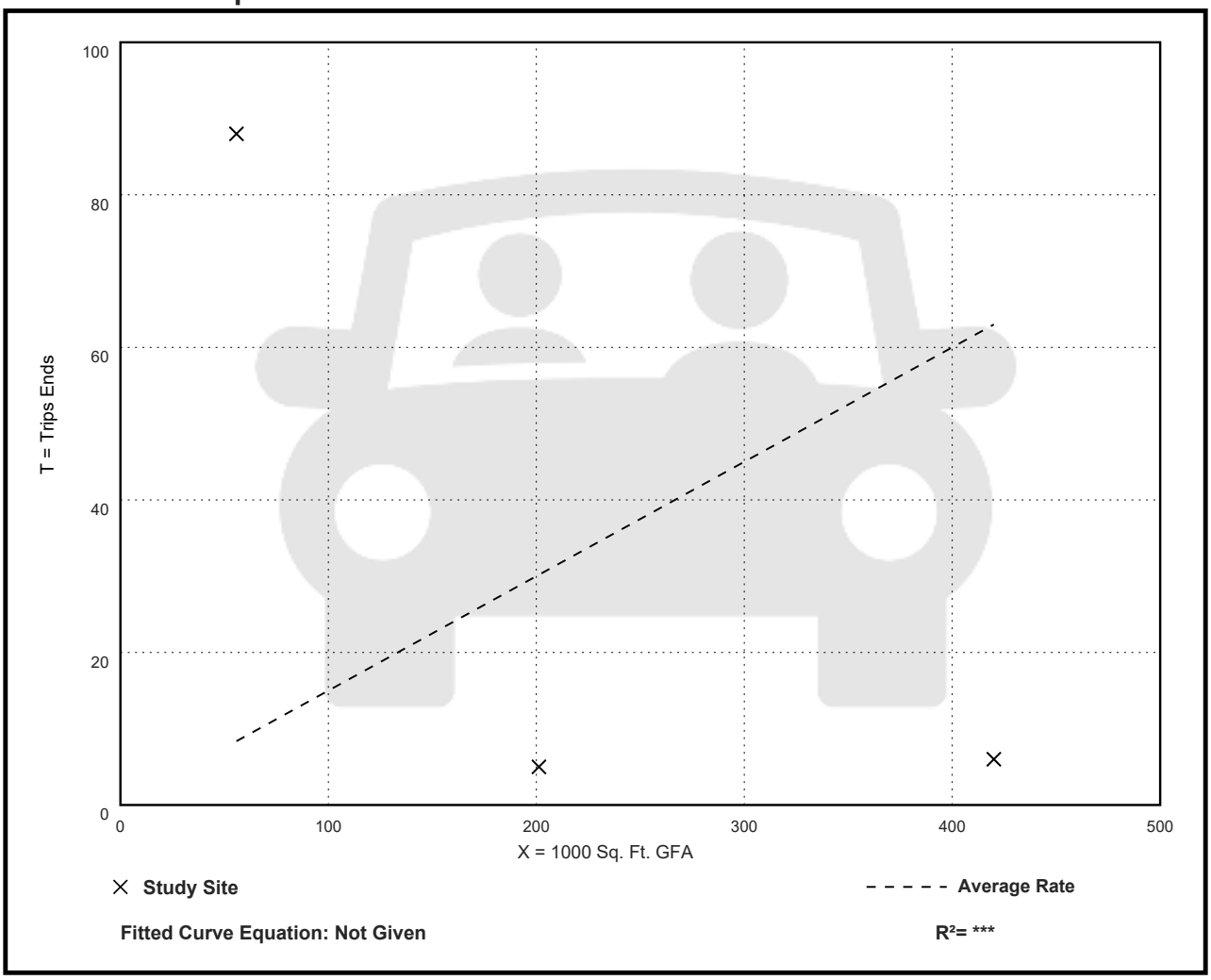
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Saturday

Setting/Location: General Urban/Suburban
Number of Studies: 3
Avg. 1000 Sq. Ft. GFA: 226
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.15	0.01 - 1.58	0.53

Data Plot and Equation



Warehousing
(150)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Saturday, Peak Hour of Generator

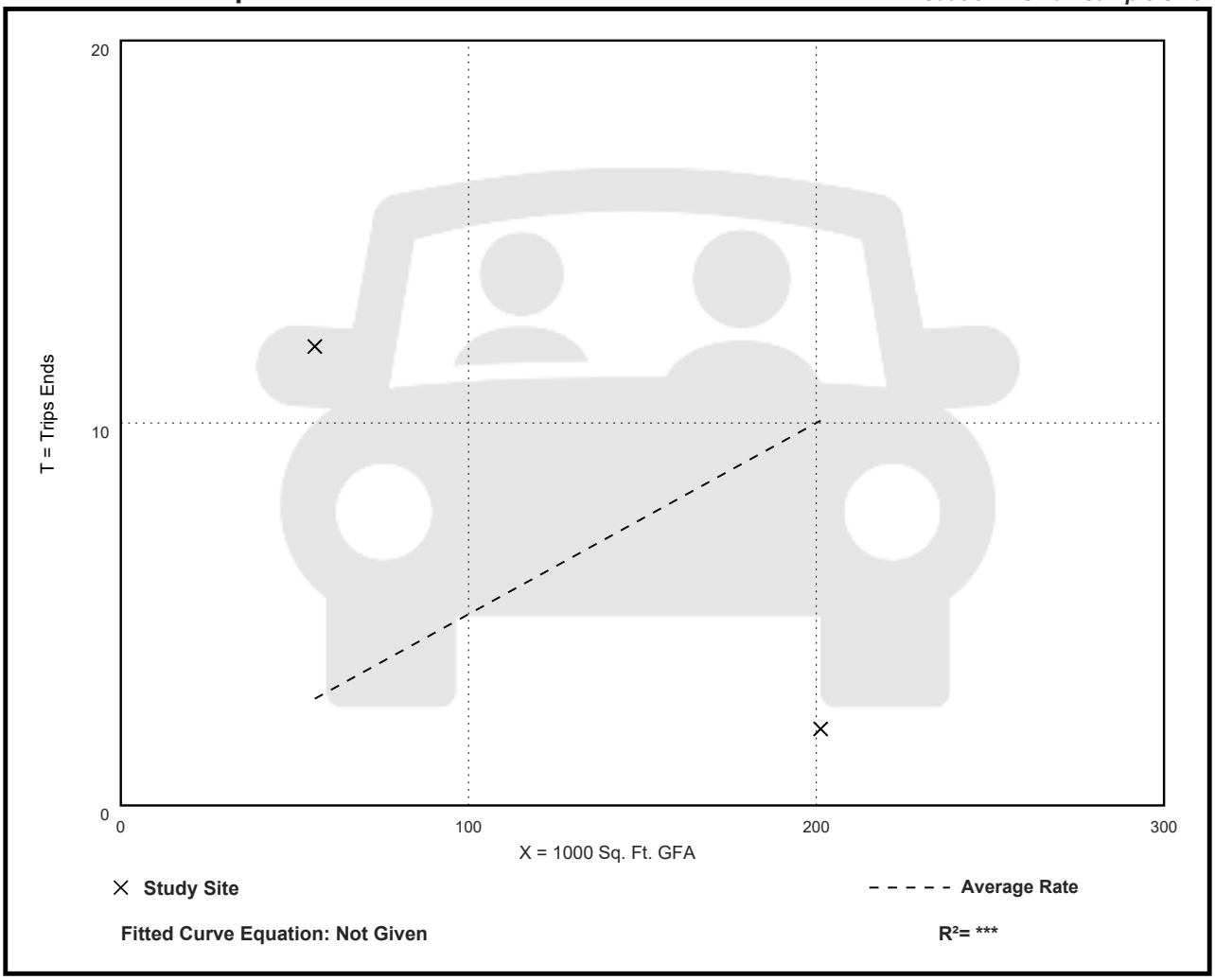
Setting/Location: General Urban/Suburban
Number of Studies: 2
Avg. 1000 Sq. Ft. GFA: 129
Directional Distribution: 64% entering, 36% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.05	0.01 - 0.22	***

Data Plot and Equation

Caution – Small Sample Size



Fitted Curve Equation: Not Given

R^2= *

Warehousing
(150)

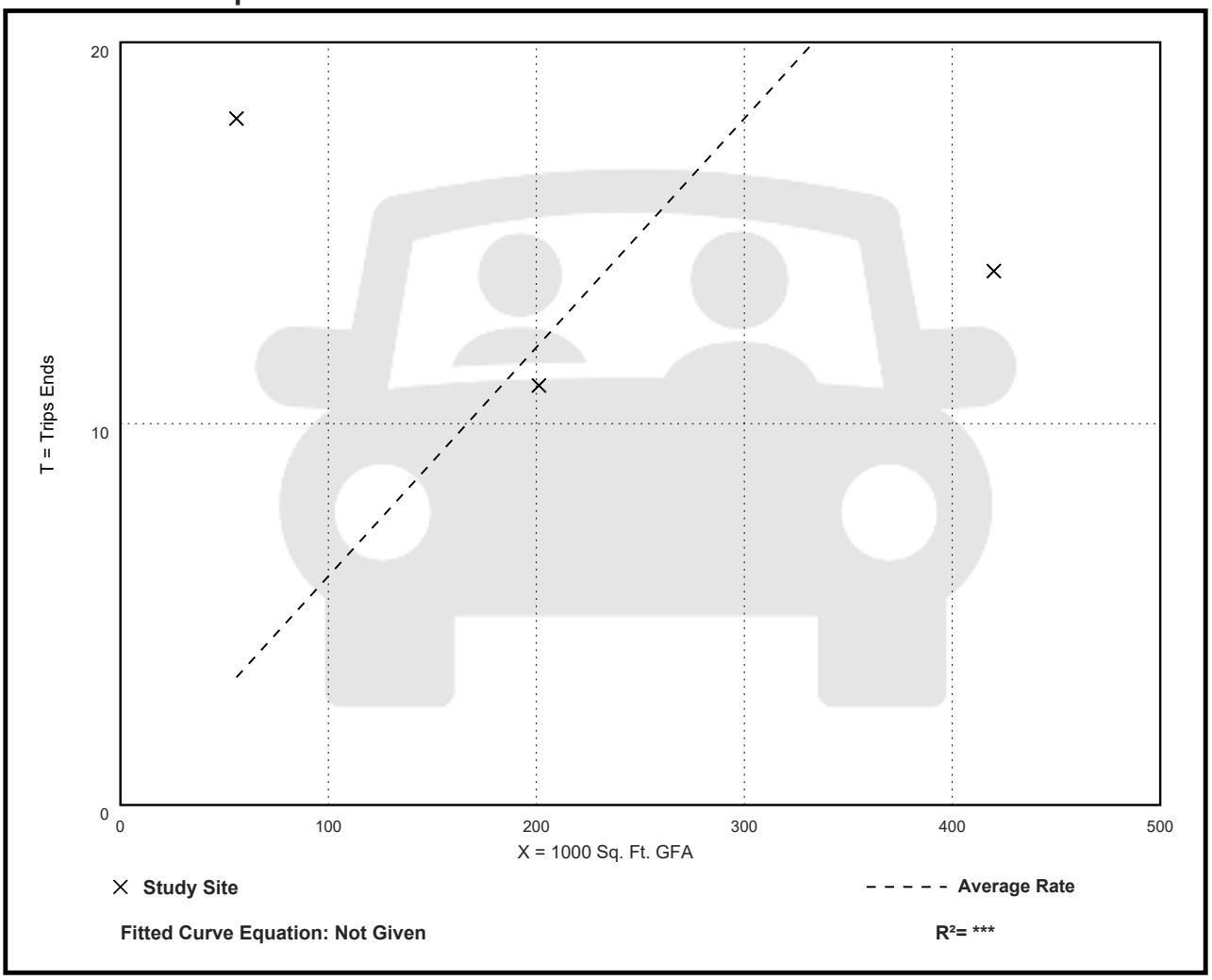
Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Sunday

Setting/Location: General Urban/Suburban
Number of Studies: 3
Avg. 1000 Sq. Ft. GFA: 226
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.06	0.03 - 0.32	0.10

Data Plot and Equation



Warehousing
(150)

Vehicle Trip Ends vs: 1000 Sq. Ft. GFA
On a: Sunday, Peak Hour of Generator

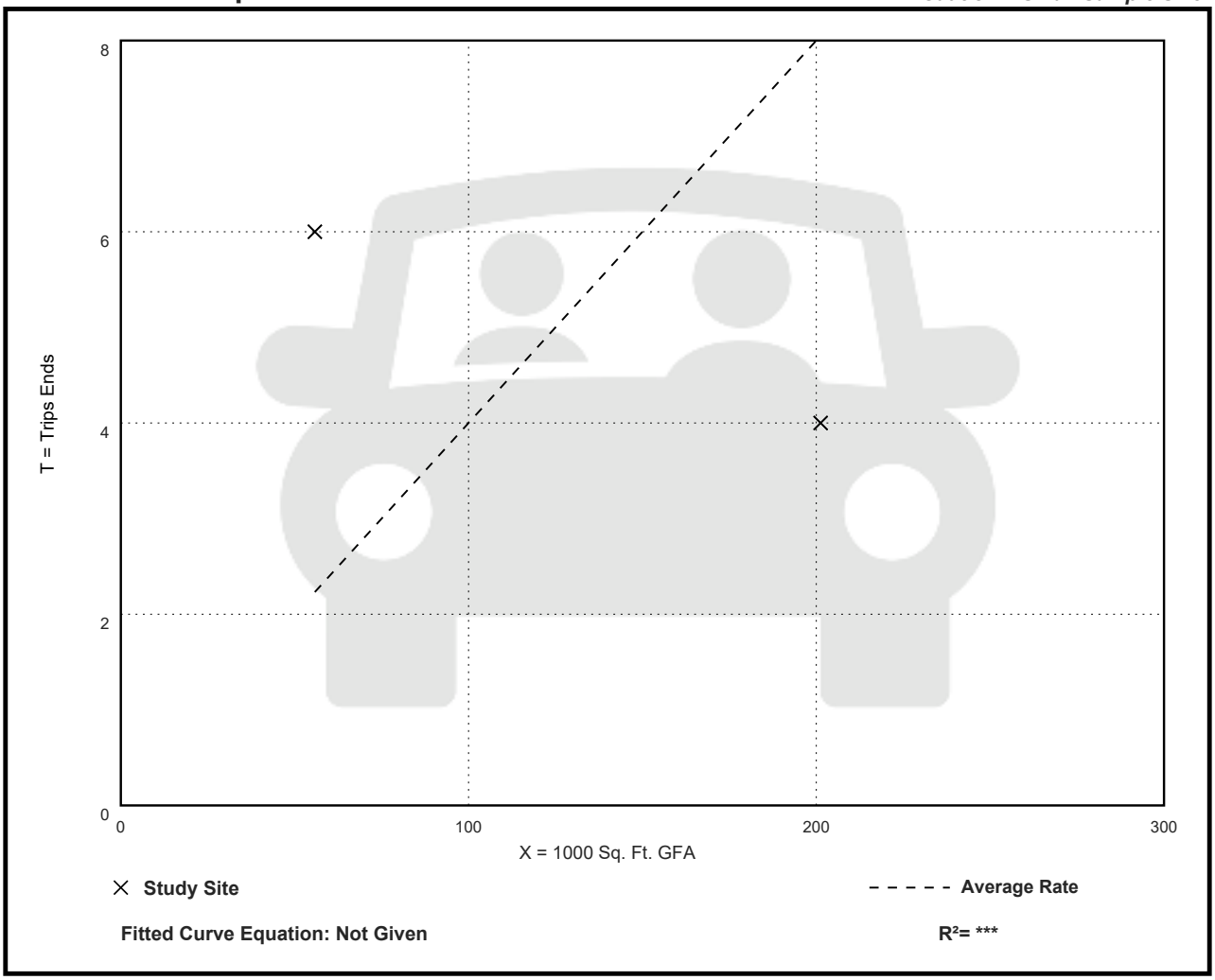
Setting/Location: General Urban/Suburban
Number of Studies: 2
Avg. 1000 Sq. Ft. GFA: 129
Directional Distribution: 52% entering, 48% exiting

Vehicle Trip Generation per 1000 Sq. Ft. GFA

Average Rate	Range of Rates	Standard Deviation
0.04	0.02 - 0.11	***

Data Plot and Equation

Caution – Small Sample Size



Fitted Curve Equation: Not Given

R^2= ***

Warehousing
(150)

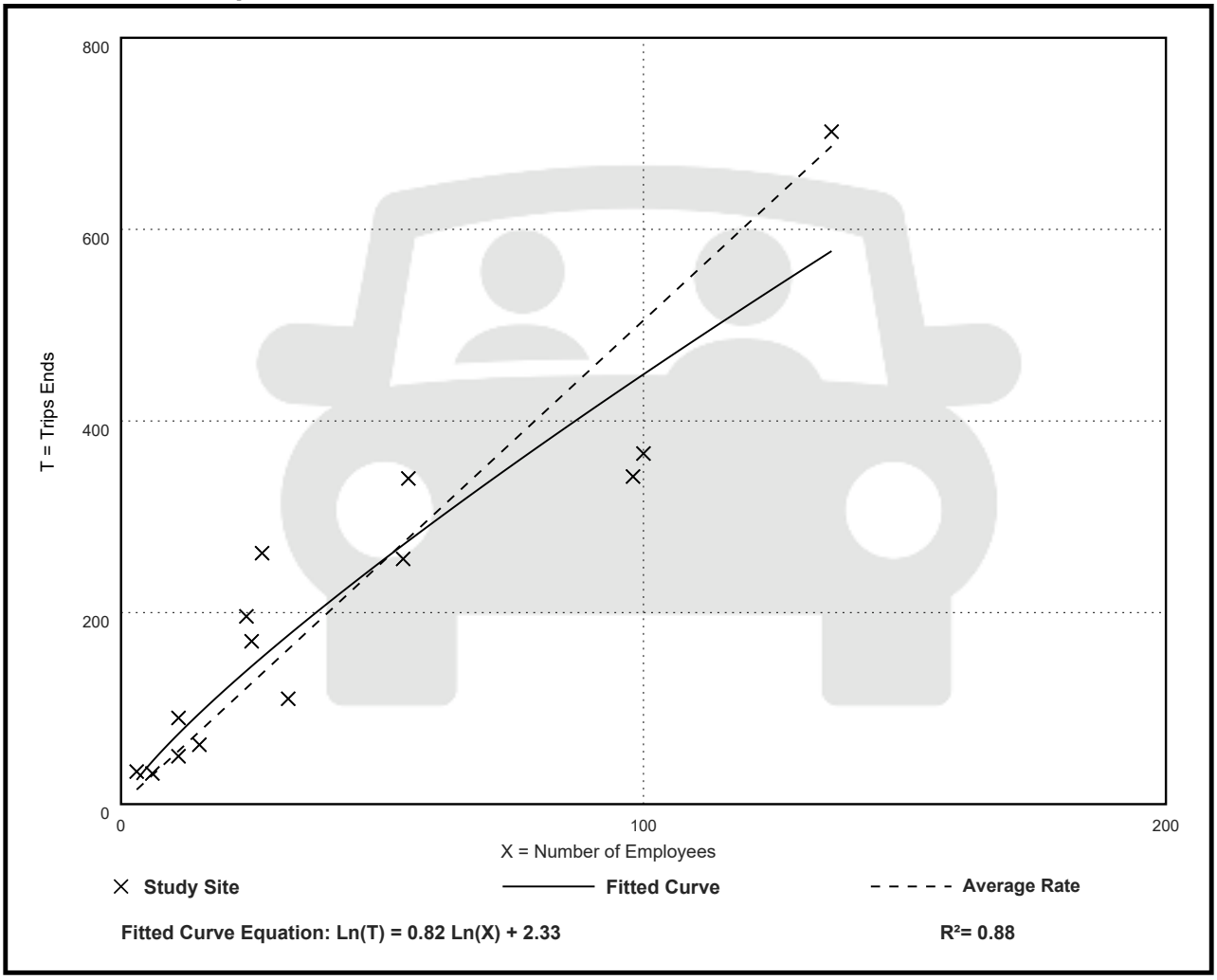
Vehicle Trip Ends vs: Employees
On a: Weekday

Setting/Location: General Urban/Suburban
Number of Studies: 14
Avg. Num. of Employees: 43
Directional Distribution: 50% entering, 50% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
5.05	3.44 - 11.33	1.77

Data Plot and Equation



Fitted Curve Equation: Ln(T) = 0.82 Ln(X) + 2.33

R^2= 0.88

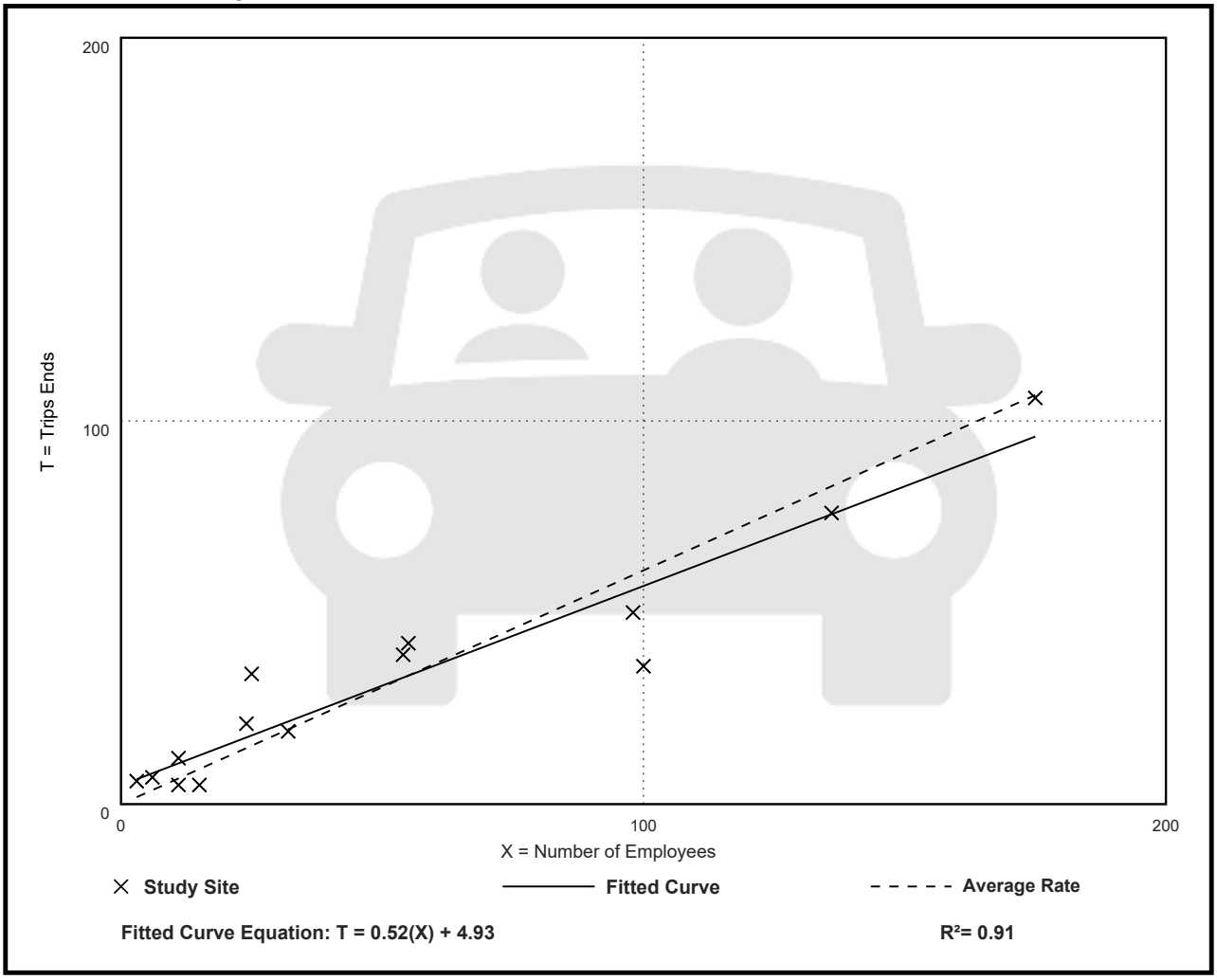
Warehousing
(150)

Vehicle Trip Ends vs: Employees
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 7 and 9 a.m.
Setting/Location: General Urban/Suburban
Number of Studies: 14
Avg. Num. of Employees: 53
Directional Distribution: 72% entering, 28% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
0.61	0.33 - 2.00	0.23

Data Plot and Equation



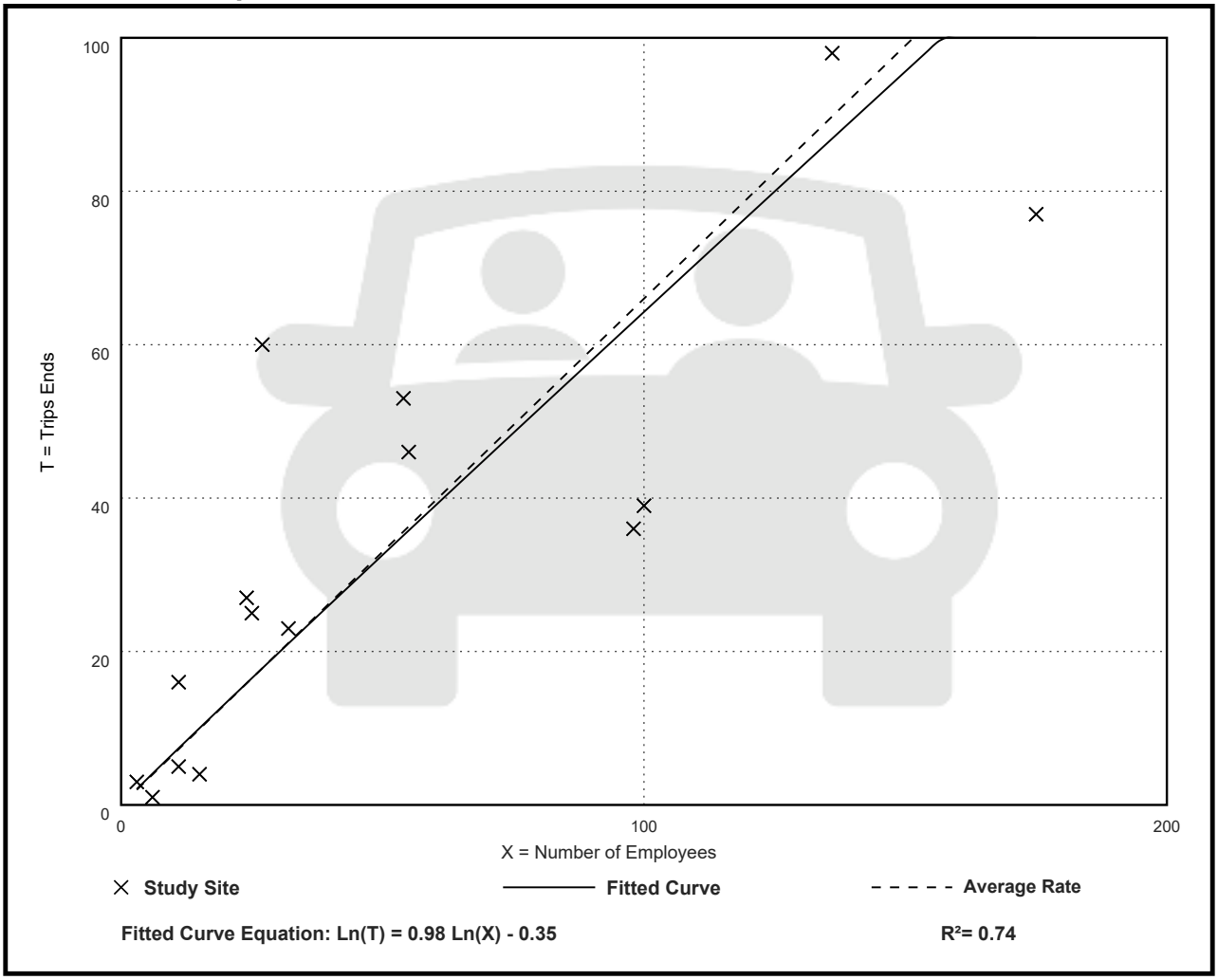
Warehousing
(150)

Vehicle Trip Ends vs: Employees
On a: Weekday,
Peak Hour of Adjacent Street Traffic,
One Hour Between 4 and 6 p.m.
Setting/Location: General Urban/Suburban
Number of Studies: 15
Avg. Num. of Employees: 51
Directional Distribution: 36% entering, 64% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
0.66	0.17 - 2.22	0.40

Data Plot and Equation



Warehousing
(150)

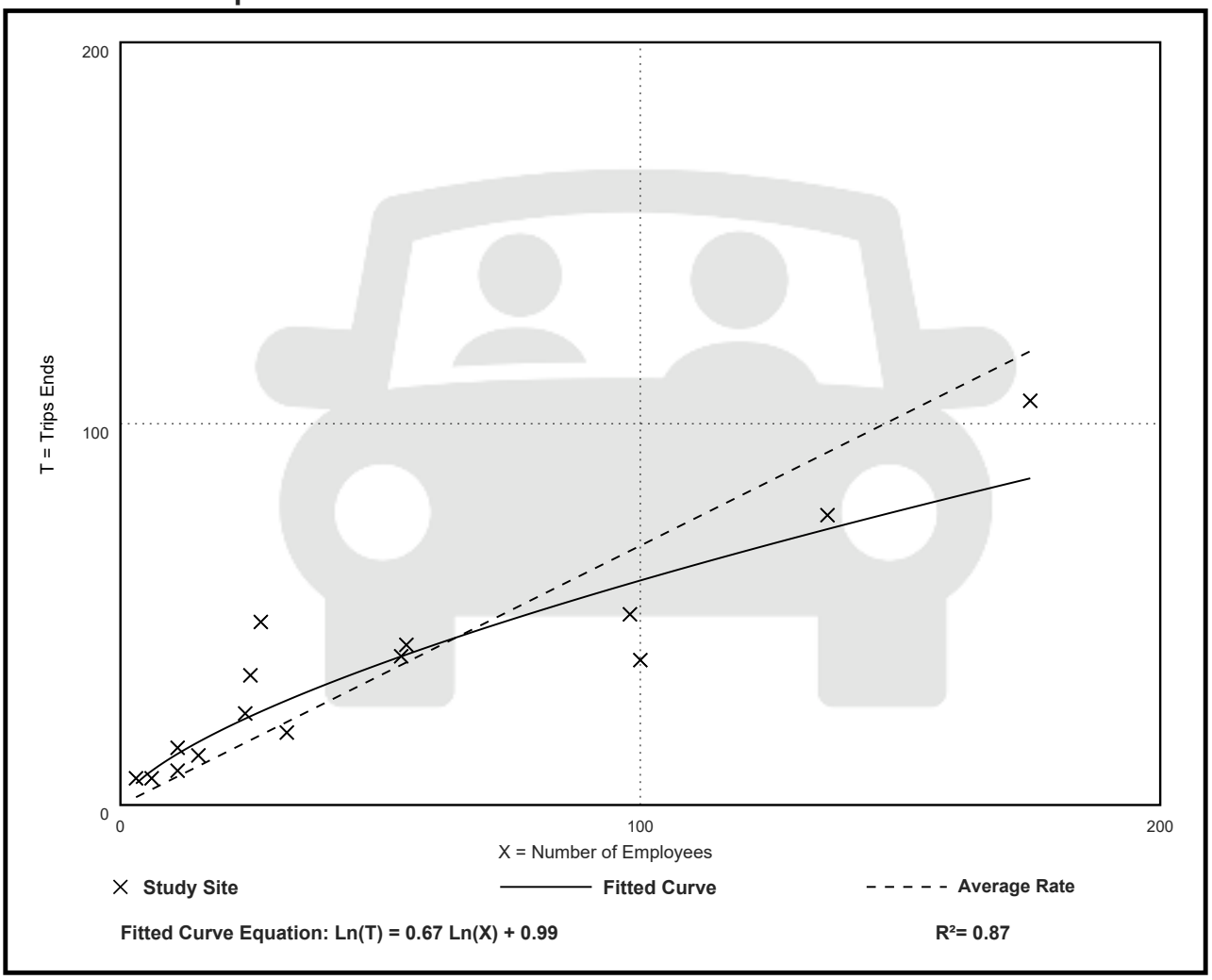
Vehicle Trip Ends vs: Employees
On a: Weekday,
AM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 15
Avg. Num. of Employees: 51
Directional Distribution: 53% entering, 47% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
0.68	0.38 - 2.33	0.33

Data Plot and Equation



Warehousing
(150)

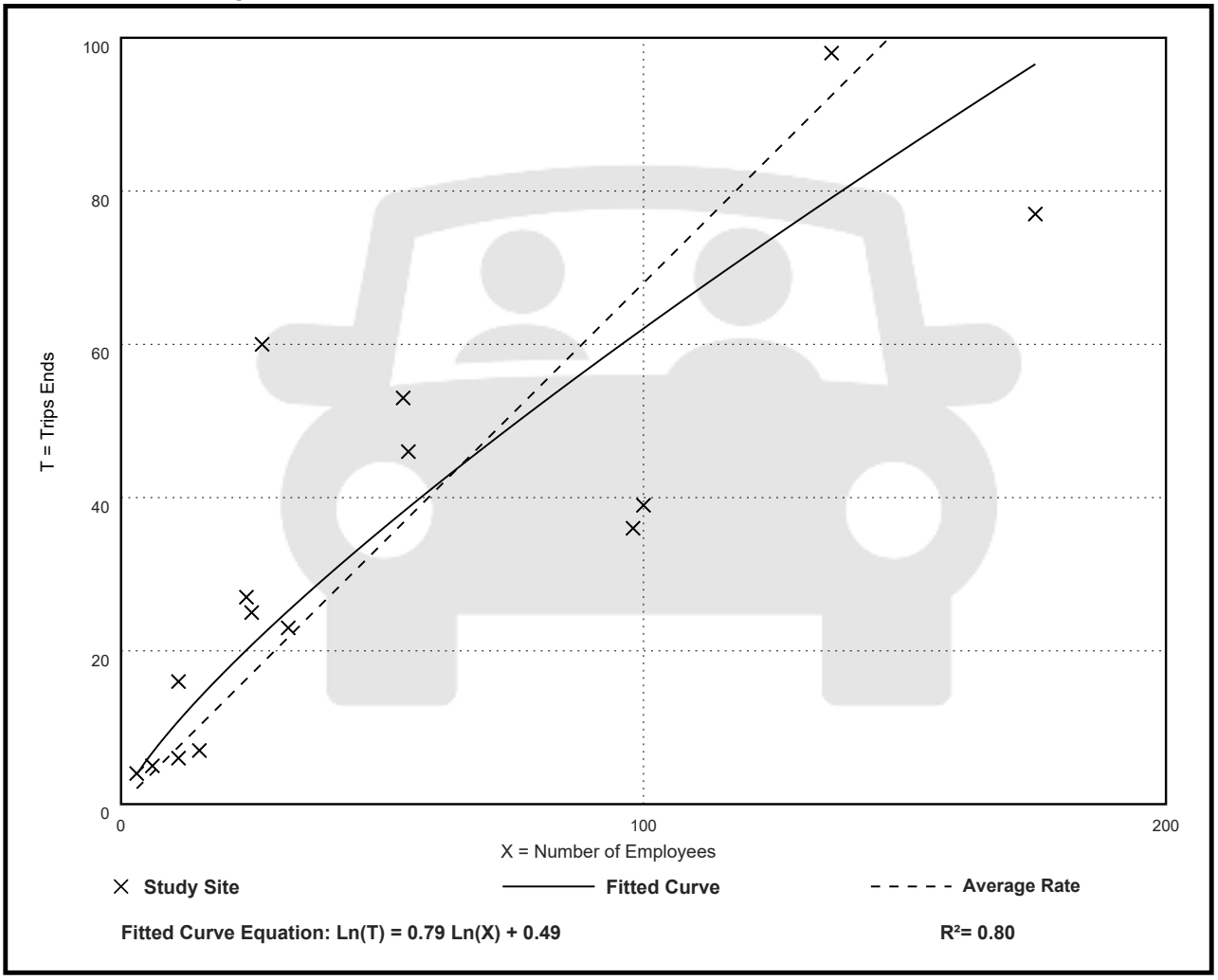
Vehicle Trip Ends vs: Employees
On a: Weekday,
PM Peak Hour of Generator

Setting/Location: General Urban/Suburban
Number of Studies: 15
Avg. Num. of Employees: 51
Directional Distribution: 28% entering, 72% exiting

Vehicle Trip Generation per Employee

Average Rate	Range of Rates	Standard Deviation
0.68	0.37 - 2.22	0.40

Data Plot and Equation



Fitted Curve Equation: Ln(T) = 0.79 Ln(X) + 0.49

R^2= 0.80

Query

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE :
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

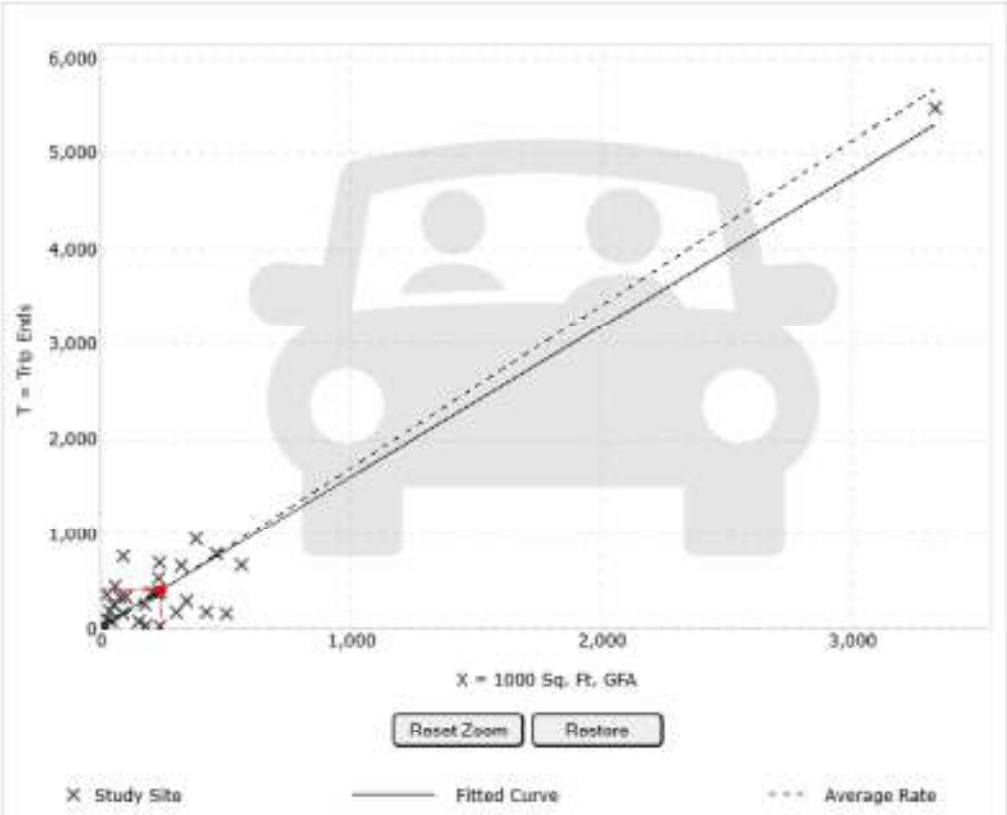
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday

TRIP TYPE:
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:
241
Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday

Setting/Location:
General Urban/Suburban

Trip Type:
Vehicle

Number of Studies:
31

Avg. 1000 Sq. Ft. GFA:
292

Average Rate:
1.71

Range of Rates:
0.15 - 16.93

Standard Deviation:
1.40

Fitted Curve Equation:
T = 1.58(X) + 36.29

R^2:
0.92

Directional Distribution:
50% entering, 50% exiting

Calculated Trip Ends:
Average Rate: 412 (Total), 206 (Entry), 206 (Exit)
Fitted Curve: 419 (Total), 210 (Entry), 209 (Exit)

Query | Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE :
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

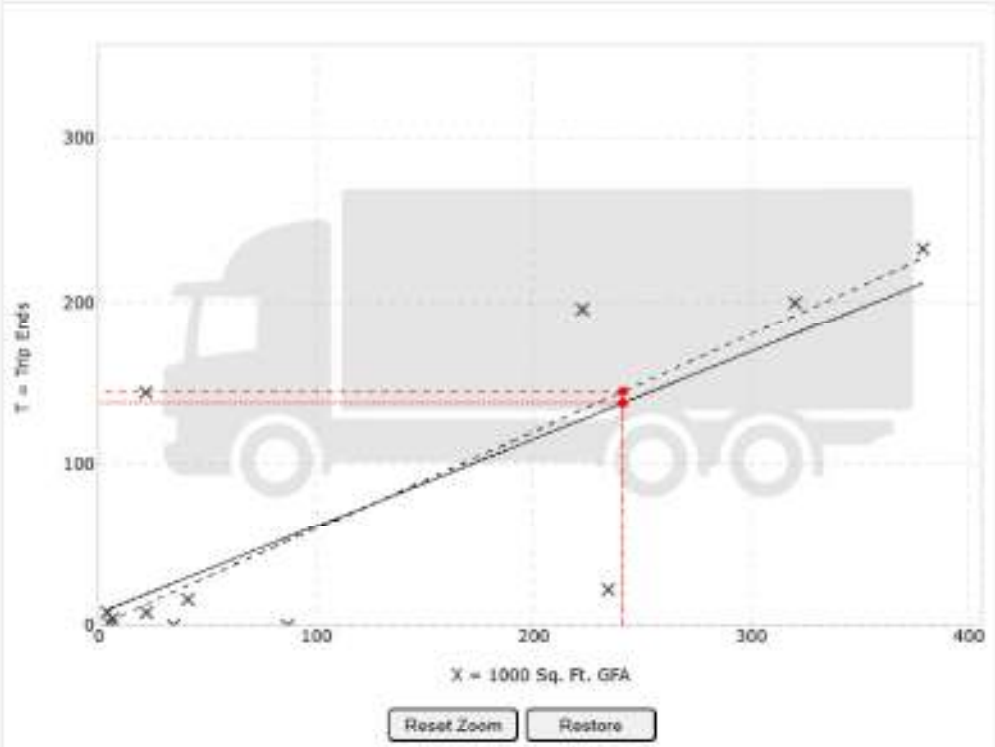
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday

TRIP TYPE:
Truck

ENTER IV VALUE TO CALCULATE TRIPS:
241 Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday

Setting/Location:
General Urban/Suburban

Trip Type:
Truck

Number of Studies:
12

Avg. 1000 Sq. Ft. GFA:
115

Average Rate:
0.60

Range of Rates:
0.00 - 6.05

Standard Deviation:
0.86

Fitted Curve Equation:
T = 0.54(X) + 7.47

R^2:
0.61

Directional Distribution:
50% entering, 50% exiting

Calculated Trip Ends:
Average Rate: 145 (Total), 72 (Entry), 73 (Exit)
Fitted Curve: 138 (Total), 69 (Entry), 69 (Exit)

Query | Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE:
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

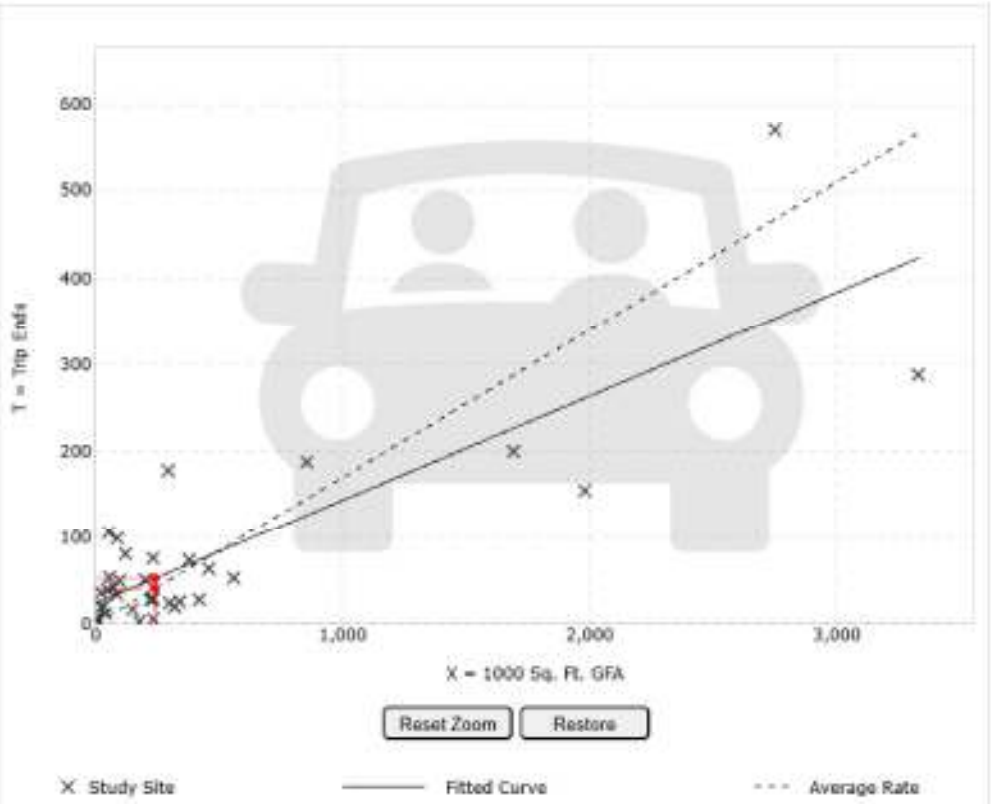
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:
241 Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 7 and 9 a.m.

Setting/Location:
General Urban/Suburban

Trip Type:
Vehicle

Number of Studies:
36

Avg. 1000 Sq. Ft. GFA:
448

Average Rate:
0.17

Range of Rates:
0.02 - 1.93

Standard Deviation:
0.19

Fitted Curve Equation:
T = 0.12(X) + 23.62

R^2:
0.09

Directional Distribution:
77% entering, 23% exiting

Calculated Trip Ends:
Average Rate: 41 (Total), 32 (Entry), 9 (Exit)
Fitted Curve: 53 (Total), 40 (Entry), 13 (Exit)

Query | Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE :
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

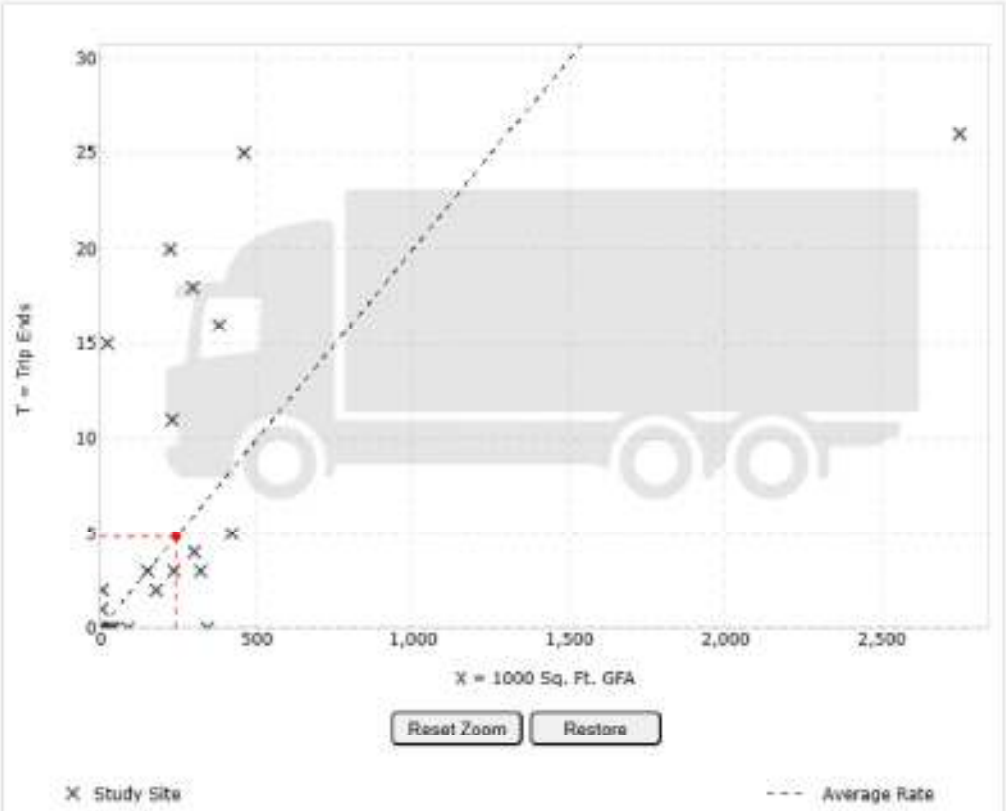
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:
Truck

ENTER IV VALUE TO CALCULATE TRIPS:
241
Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 7 and 9 a.m.

Setting/Location:
General Urban/Suburban

Trip Type:
Truck

Number of Studies:
21

Avg. 1000 Sq. Ft. GFA:
309

Average Rate:
0.02

Range of Rates:
0.00 - 0.69

Standard Deviation:
0.05

Fitted Curve Equation:
Not Given

R^2:

Directional Distribution:
52% entering, 48% exiting

Calculated Trip Ends:
Average Rate: 5 (Total), 3 (Entry), 2 (Exit)

Query | Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE:
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

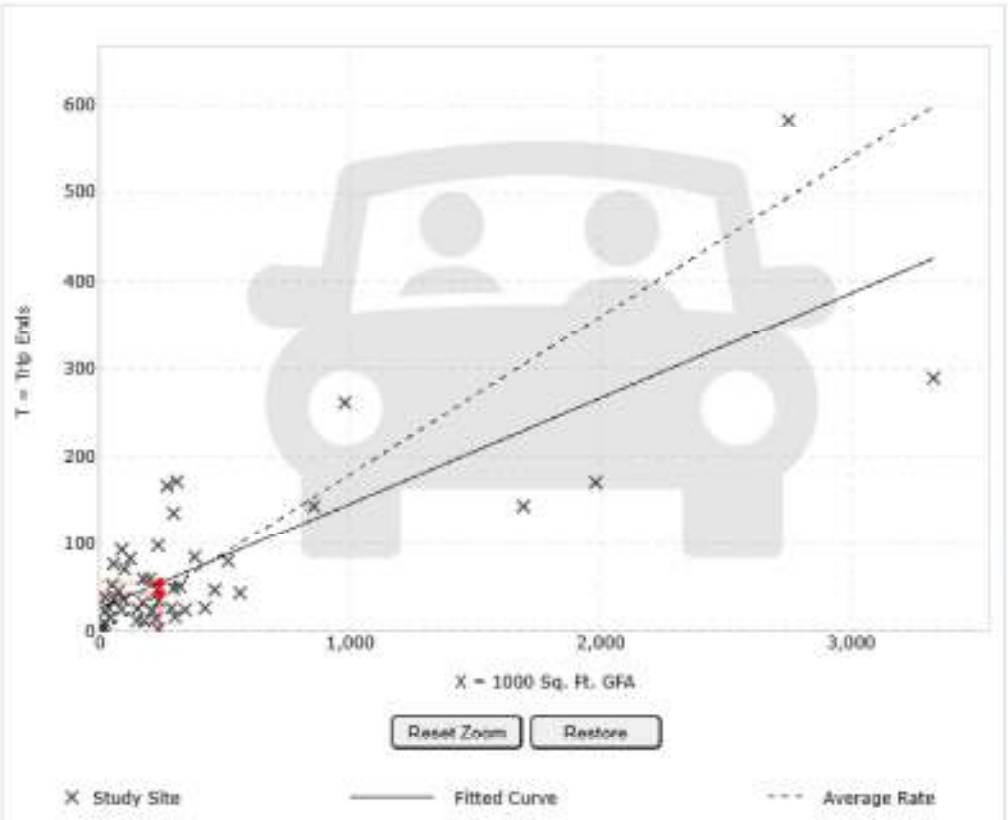
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:
Vehicle

ENTER IV VALUE TO CALCULATE TRIPS:
241 Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 4 and 6 p.m.

Setting/Location:
General Urban/Suburban

Trip Type:
Vehicle

Number of Studies:
49

Avg. 1000 Sq. Ft. GFA:
400

Average Rate:
0.18

Range of Rates:
0.01 - 1.80

Standard Deviation:
0.18

Fitted Curve Equation:
$T = 0.12(X) + 26.48$

R^2:
0.65

Directional Distribution:
28% entering, 72% exiting

Calculated Trip Ends:
Average Rate: 43 (Total), 12 (Entry), 31 (Exit)
Fitted Curve: 55 (Total), 16 (Entry), 39 (Exit)

Query | Filter

DATA SOURCE:
Trip Generation Manual, 11th Ed

SEARCH BY LAND USE CODE:
150

LAND USE GROUP:
(100-199) Industrial

LAND USE :
150 - Warehousing

LAND USE SUBCATEGORY:
All Sites

SETTING/LOCATION:
General Urban/Suburban

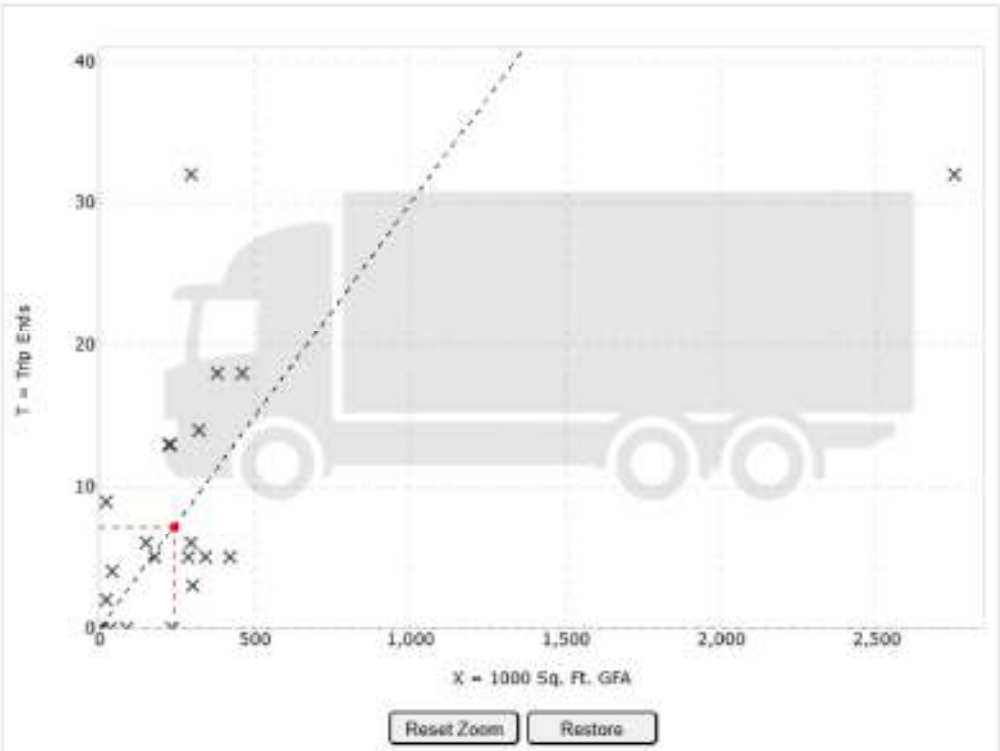
INDEPENDENT VARIABLE (IV):
1000 Sq. Ft. GFA

TIME PERIOD:
Weekday, Peak Hour of Adjacent Street Traffic

TRIP TYPE:
Truck

ENTER IV VALUE TO CALCULATE TRIPS:
241
Calculate

Data Plot and Equation



DATA STATISTICS

Land Use:
Warehousing (150) Click for Description and Data Plots

Independent Variable:
1000 Sq. Ft. GFA

Time Period:
Weekday
Peak Hour of Adjacent Street Traffic
One Hour Between 4 and 6 p.m.

Setting/Location:
General Urban/Suburban

Trip Type:
Truck

Number of Studies:
23

Avg. 1000 Sq. Ft. GFA:
308

Average Rate:
0.03

Range of Rates:
0.00 - 0.42

Standard Deviation:
0.03

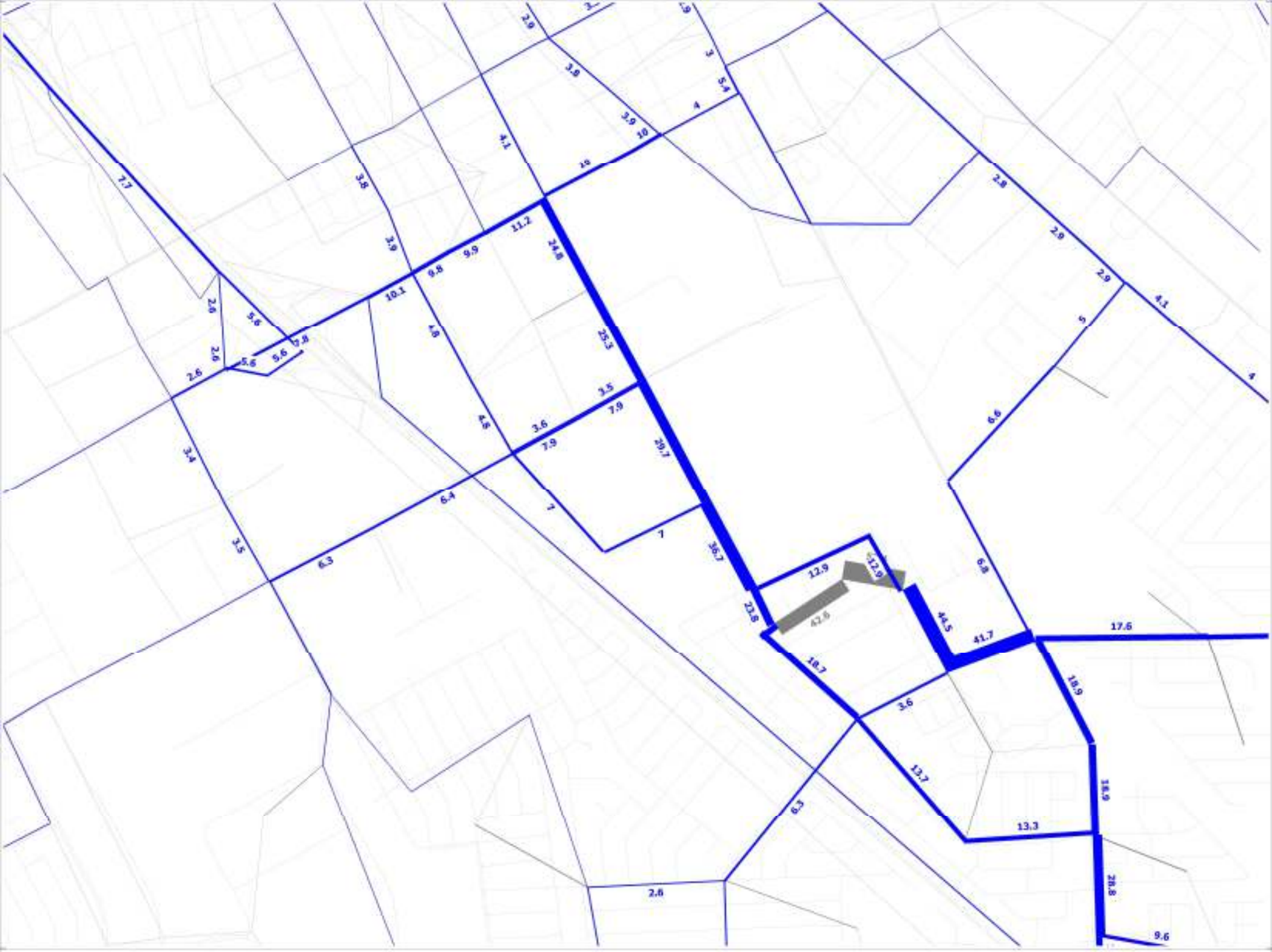
Fitted Curve Equation:
Not Given

R^2:

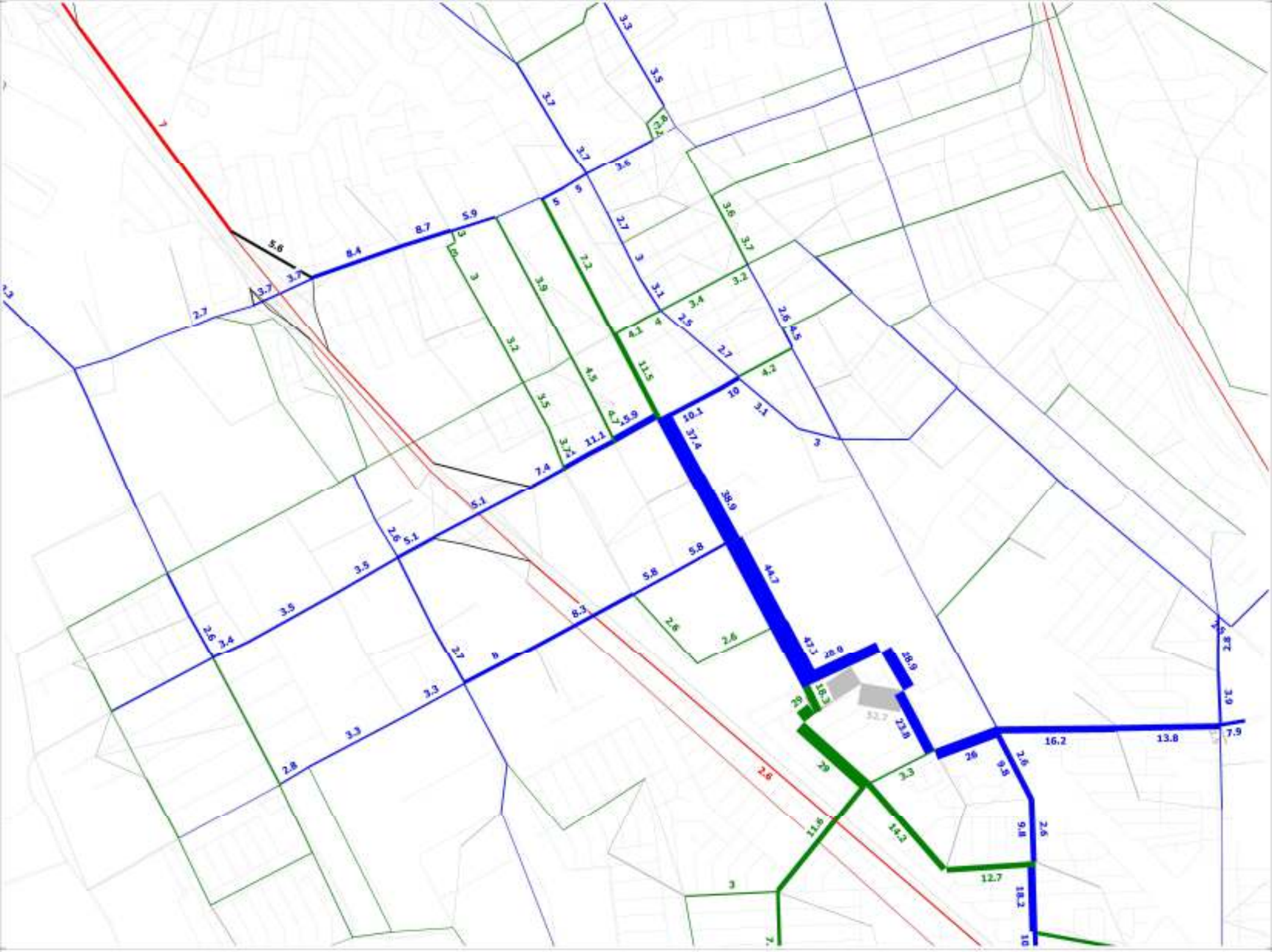
Directional Distribution:
52% entering, 48% exiting

Calculated Trip Ends:
Average Rate: 7 (Total), 4 (Entry), 3 (Exit)

SECTION 4: TRIP DISTRIBUTION



cube (Licensed to DKS Associates)


cube
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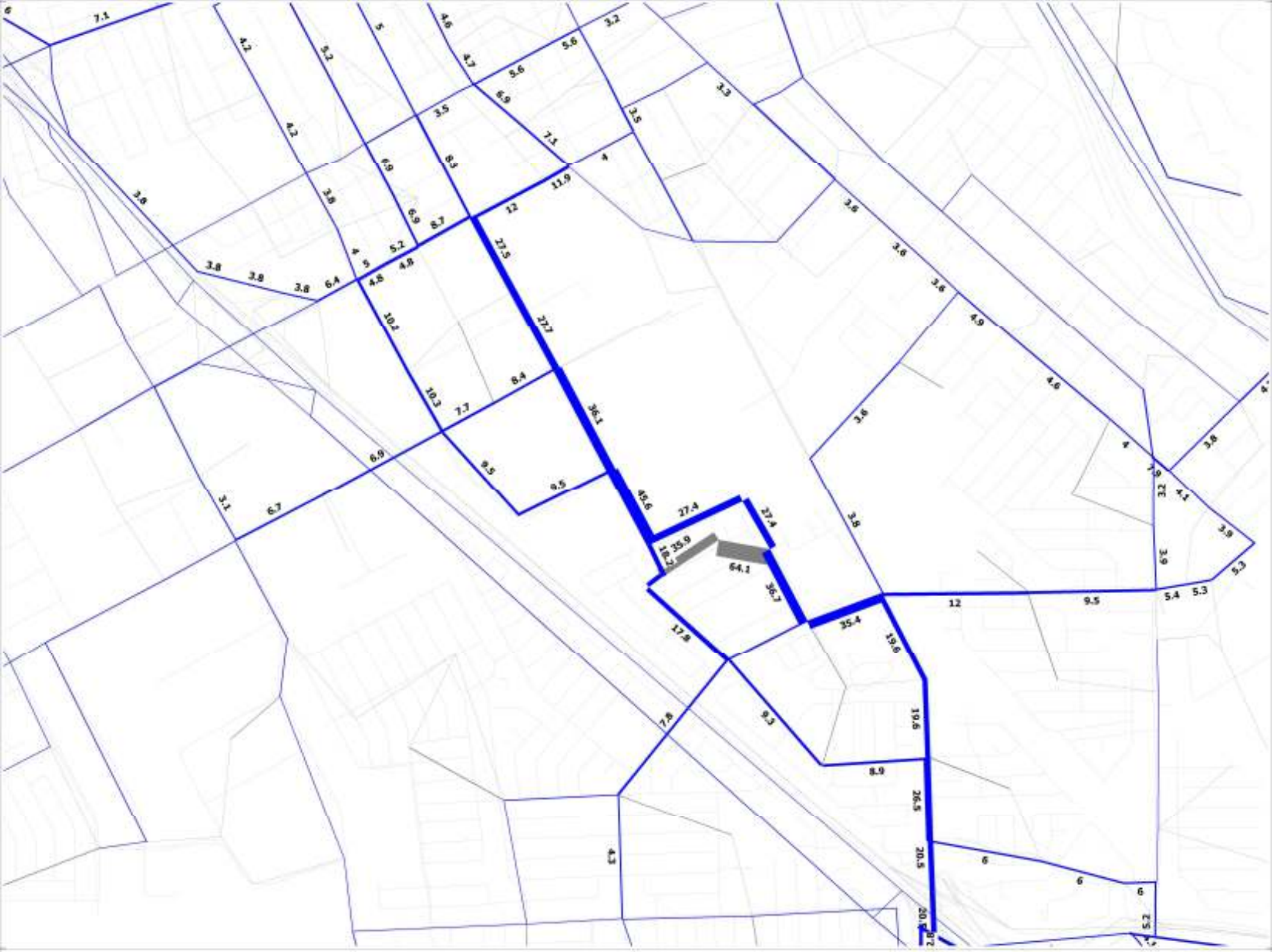
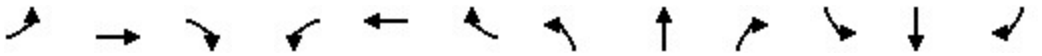


cube
(Licensed to DKS Associates)

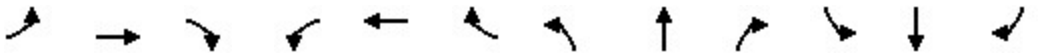
SECTION 5: INTERSECTION ANALYSIS



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	11	149	3	3	3	217	691	25	7	202	26
Future Volume (veh/h)	13	11	149	3	3	3	217	691	25	7	202	26
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	14	12	164	3	3	3	238	759	27	8	222	29
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	188	131	216	123	105	73	295	1108	39	14	744	97
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	0.17	0.64	0.64	0.01	0.47	0.47
Sat Flow, veh/h	664	930	1535	294	743	519	1725	1738	62	1725	1569	205
Grp Volume(v), veh/h	26	0	164	9	0	0	238	0	786	8	0	251
Grp Sat Flow(s),veh/h/ln	1594	0	1535	1556	0	0	1725	0	1800	1725	0	1774
Q Serve(g_s), s	0.0	0.0	6.0	0.0	0.0	0.0	7.8	0.0	16.5	0.3	0.0	5.1
Cycle Q Clear(g_c), s	0.7	0.0	6.0	0.3	0.0	0.0	7.8	0.0	16.5	0.3	0.0	5.1
Prop In Lane	0.54		1.00	0.33		0.33	1.00		0.03	1.00		0.12
Lane Grp Cap(c), veh/h	319	0	216	301	0	0	295	0	1147	14	0	842
V/C Ratio(X)	0.08	0.00	0.76	0.03	0.00	0.00	0.81	0.00	0.69	0.56	0.00	0.30
Avail Cap(c_a), veh/h	750	0	645	709	0	0	583	0	1147	165	0	842
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	21.9	0.0	24.2	21.7	0.0	0.0	23.3	0.0	6.8	28.9	0.0	9.4
Incr Delay (d2), s/veh	0.1	0.0	5.4	0.0	0.0	0.0	5.2	0.0	3.3	29.6	0.0	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.3	0.1	0.0	0.0	3.3	0.0	5.0	0.2	0.0	1.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.0	0.0	29.6	21.8	0.0	0.0	28.5	0.0	10.2	58.5	0.0	10.3
LnGrp LOS	C		C	C			C		B	E		B
Approach Vol, veh/h		190			9			1024			259	
Approach Delay, s/veh		28.5			21.8			14.4			11.8	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	41.8		12.2	14.0	32.3		12.2				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.6	37.3		24.6	19.8	23.1		24.6				
Max Q Clear Time (g_c+I1), s	2.3	18.5		8.0	9.8	7.1		2.3				
Green Ext Time (p_c), s	0.0	5.5		0.6	0.5	1.2		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			15.8									
HCM 7th LOS			B									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	53	417	94	163	547	12	175	192	189	27	187	47
Future Volume (veh/h)	53	417	94	163	547	12	175	192	189	27	187	47
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	65	509	115	199	667	15	213	234	230	33	228	57
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	83	670	299	226	956	21	226	791	670	82	904	221
Arrive On Green	0.05	0.20	0.20	0.13	0.28	0.28	0.04	0.15	0.15	0.02	0.34	0.34
Sat Flow, veh/h	1697	3385	1510	1697	3384	76	1697	1781	1510	3291	2695	660
Grp Volume(v), veh/h	65	509	115	199	333	349	213	234	230	33	141	144
Grp Sat Flow(s),veh/h/ln	1697	1692	1510	1697	1692	1768	1697	1781	1510	1646	1692	1663
Q Serve(g_s), s	3.4	12.8	6.0	10.4	15.8	15.9	11.3	10.5	12.3	0.9	5.5	5.7
Cycle Q Clear(g_c), s	3.4	12.8	6.0	10.4	15.8	15.9	11.3	10.5	12.3	0.9	5.5	5.7
Prop In Lane	1.00		1.00	1.00		0.04	1.00		1.00	1.00		0.40
Lane Grp Cap(c), veh/h	83	670	299	226	478	499	226	791	670	82	568	558
V/C Ratio(X)	0.79	0.76	0.38	0.88	0.70	0.70	0.94	0.30	0.34	0.40	0.25	0.26
Avail Cap(c_a), veh/h	173	865	386	226	478	499	226	791	670	201	568	558
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.3	34.1	31.3	38.3	28.9	28.9	42.7	25.9	26.6	43.2	21.7	21.8
Incr Delay (d2), s/veh	20.3	3.5	1.2	30.9	4.9	4.7	43.3	1.0	1.4	4.5	0.8	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	5.4	2.2	6.1	6.8	7.1	7.8	5.1	5.2	0.4	2.3	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	62.7	37.6	32.5	69.2	33.7	33.5	85.9	26.8	28.0	47.7	22.5	22.6
LnGrp LOS	E	D	C	E	C	C	F	C	C	D	C	C
Approach Vol, veh/h		689			881			677			318	
Approach Delay, s/veh		39.1			41.7			45.8			25.2	
Approach LOS		D			D			D			C	

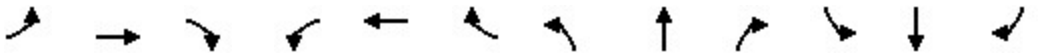
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.2	44.9	16.0	22.8	16.0	35.2	8.4	30.4
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.9	14.3	12.4	14.8	13.3	7.7	5.4	17.9
Green Ext Time (p_c), s	0.0	4.9	0.0	3.0	0.0	3.4	0.1	3.1

Intersection Summary	
HCM 7th Control Delay, s/veh	40.0
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



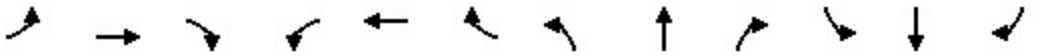
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	129	606	337	93	710	44	206	46	65	35	101	122
Future Volume (veh/h)	129	606	337	93	710	44	206	46	65	35	101	122
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752
Adj Flow Rate, veh/h	148	697	387	107	816	51	275	0	75	40	116	140
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	10	10	10	10	10	10	10	10	10	10	10	10
Cap, veh/h	152	1888	586	114	1713	107	454	0	202	42	123	142
Arrive On Green	0.09	0.39	0.39	0.07	0.37	0.37	0.14	0.00	0.14	0.10	0.10	0.10
Sat Flow, veh/h	1668	4782	1485	1668	4602	287	3337	0	1485	443	1286	1485
Grp Volume(v), veh/h	148	697	387	107	565	302	275	0	75	156	0	140
Grp Sat Flow(s),veh/h/ln	1668	1594	1485	1668	1594	1700	1668	0	1485	1730	0	1485
Q Serve(g_s), s	5.9	6.9	14.3	4.3	9.1	9.1	5.2	0.0	3.1	6.0	0.0	6.3
Cycle Q Clear(g_c), s	5.9	6.9	14.3	4.3	9.1	9.1	5.2	0.0	3.1	6.0	0.0	6.3
Prop In Lane	1.00		1.00	1.00		0.17	1.00		1.00	0.26		1.00
Lane Grp Cap(c), veh/h	152	1888	586	114	1187	633	454	0	202	165	0	142
V/C Ratio(X)	0.98	0.37	0.66	0.94	0.48	0.48	0.61	0.00	0.37	0.95	0.00	0.99
Avail Cap(c_a), veh/h	152	1888	586	114	1187	633	1590	0	708	165	0	142
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	30.5	14.4	16.6	31.1	16.1	16.1	27.3	0.0	26.4	30.2	0.0	30.3
Incr Delay (d2), s/veh	65.9	0.6	5.8	64.7	1.4	2.6	1.9	0.0	1.6	54.6	0.0	72.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.0	2.3	5.2	3.7	3.2	3.6	2.1	0.0	1.1	4.9	0.0	2.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	96.4	15.0	22.4	95.8	17.4	18.7	29.2	0.0	28.0	84.8	0.0	102.7
LnGrp LOS	F	B	C	F	B	B	C		C	F		F
Approach Vol, veh/h		1232			974			350			296	
Approach Delay, s/veh		27.1			26.4			28.9			93.3	
Approach LOS		C			C			C			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		11.0	11.5	30.4		14.2				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.3	16.3		8.3	7.9	11.1		7.2				
Green Ext Time (p_c), s	0.0	7.5		0.0	0.0	8.7		1.9				

Intersection Summary		
HCM 7th Control Delay, s/veh	33.9	
HCM 7th LOS	C	

Notes

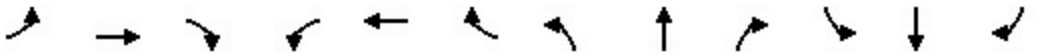
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	81	239	72	6	465	35	106	119	12	67	176	193
Future Volume (veh/h)	81	239	72	6	465	35	106	119	12	67	176	193
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	90	266	80	7	517	39	118	132	13	74	196	214
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	113	602	181	12	652	49	232	577	57	456	281	307
Arrive On Green	0.07	0.46	0.46	0.01	0.40	0.40	0.36	0.36	0.36	0.36	0.36	0.36
Sat Flow, veh/h	1697	1315	395	1697	1636	123	929	1596	157	1184	778	850
Grp Volume(v), veh/h	90	0	346	7	0	556	118	0	145	74	0	410
Grp Sat Flow(s),veh/h/ln	1697	0	1710	1697	0	1759	929	0	1753	1184	0	1628
Q Serve(g_s), s	3.9	0.0	10.3	0.3	0.0	20.8	9.3	0.0	4.3	3.5	0.0	16.1
Cycle Q Clear(g_c), s	3.9	0.0	10.3	0.3	0.0	20.8	25.4	0.0	4.3	7.8	0.0	16.1
Prop In Lane	1.00		0.23	1.00		0.07	1.00		0.09	1.00		0.52
Lane Grp Cap(c), veh/h	113	0	783	12	0	701	232	0	633	456	0	588
V/C Ratio(X)	0.80	0.00	0.44	0.57	0.00	0.79	0.51	0.00	0.23	0.16	0.00	0.70
Avail Cap(c_a), veh/h	113	0	783	90	0	701	232	0	633	456	0	588
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	34.5	0.0	13.8	37.1	0.0	19.8	31.3	0.0	16.7	19.4	0.0	20.4
Incr Delay (d2), s/veh	32.8	0.0	1.8	48.0	0.0	9.0	2.5	0.0	0.3	0.2	0.0	4.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.6	0.0	4.0	0.3	0.0	9.6	2.2	0.0	1.7	0.9	0.0	6.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	67.3	0.0	15.6	85.1	0.0	28.8	33.8	0.0	16.9	19.6	0.0	24.4
LnGrp LOS	E		B	F		C	C		B	B		C
Approach Vol, veh/h		436			563			263			484	
Approach Delay, s/veh		26.3			29.5			24.5			23.7	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	38.9		31.6	9.0	34.4		31.6				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	30.9		27.1	5.0	29.9		27.1				
Max Q Clear Time (g_c+I1), s	2.3	12.3		27.4	5.9	22.8		18.1				
Green Ext Time (p_c), s	0.0	2.8		0.0	0.0	2.7		2.6				

Intersection Summary			
HCM 7th Control Delay, s/veh		26.3	
HCM 7th LOS		C	



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	178	374	145	167	788	119	220	593	171	132	391	143
Future Volume (veh/h)	178	374	145	167	788	119	220	593	171	132	391	143
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	185	390	151	174	821	124	229	618	0	138	407	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	296	1015	453	244	961	429	302	1299		205	1723	
Arrive On Green	0.09	0.29	0.29	0.07	0.27	0.27	0.09	0.37	0.00	0.06	0.34	0.00
Sat Flow, veh/h	3401	3497	1560	3401	3497	1560	3401	3497	1560	3401	5025	1560
Grp Volume(v), veh/h	185	390	151	174	821	124	229	618	0	138	407	0
Grp Sat Flow(s),veh/h/ln	1700	1749	1560	1700	1749	1560	1700	1749	1560	1700	1675	1560
Q Serve(g_s), s	4.8	8.1	6.9	4.6	20.2	5.7	6.0	12.3	0.0	3.6	5.3	0.0
Cycle Q Clear(g_c), s	4.8	8.1	6.9	4.6	20.2	5.7	6.0	12.3	0.0	3.6	5.3	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	296	1015	453	244	961	429	302	1299		205	1723	
V/C Ratio(X)	0.62	0.38	0.33	0.71	0.85	0.29	0.76	0.48		0.67	0.24	
Avail Cap(c_a), veh/h	299	1115	497	277	1076	480	351	1299		239	1723	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	40.1	25.8	25.4	41.3	31.3	26.0	40.5	21.8	0.0	41.9	21.4	0.0
Incr Delay (d2), s/veh	4.0	0.2	0.4	7.3	6.3	0.4	8.0	1.3	0.0	5.9	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.1	3.3	2.5	2.1	8.9	2.1	2.8	5.0	0.0	1.7	2.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	44.1	26.0	25.8	48.6	37.6	26.4	48.5	23.1	0.0	47.8	21.7	0.0
LnGrp LOS	D	C	C	D	D	C	D	C		D	C	
Approach Vol, veh/h		726			1119			847			545	
Approach Delay, s/veh		30.6			38.1			30.0			28.3	
Approach LOS		C			D			C			C	

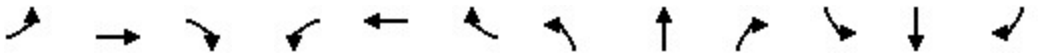
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.1	38.4	11.1	31.4	12.7	35.8	12.5	30.0
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	6.4	33.8	7.4	*29	9.4	30.8	8.0	28.0
Max Q Clear Time (g_c+I1), s	5.6	14.3	6.6	10.1	8.0	7.3	6.8	22.2
Green Ext Time (p_c), s	0.0	4.0	0.0	2.8	0.1	2.7	0.1	2.8

Intersection Summary	
HCM 7th Control Delay, s/veh	32.6
HCM 7th LOS	C

Notes

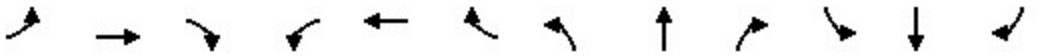
*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



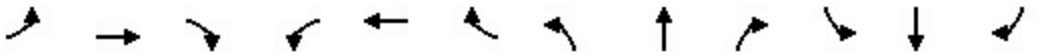
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	11	149	3	3	3	217	691	25	7	202	26
Future Volume (vph)	13	11	149	3	3	3	217	691	25	7	202	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.96		1.00	0.99		1.00	0.98	
Flt Protected		0.97	1.00		0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1745	1524		1684		1703	1783		1703	1761	
Flt Permitted		0.85	1.00		0.92		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1530	1524		1571		1703	1783		1703	1761	
Peak-hour factor, PHF	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Adj. Flow (vph)	14	12	164	3	3	3	238	759	27	8	222	29
RTOR Reduction (vph)	0	0	144	0	3	0	0	1	0	0	4	0
Lane Group Flow (vph)	0	26	20	0	6	0	238	785	0	8	247	0
Heavy Vehicles (%)	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Effective Green, g (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Actuated g/C Ratio		0.12	0.12		0.12		0.22	0.65		0.02	0.46	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		183	182		188		368	1167		28	801	
v/s Ratio Prot							c0.14	c0.44		0.00	0.14	
v/s Ratio Perm		c0.02	0.01		0.00							
v/c Ratio		0.14	0.11		0.03		0.65	0.67		0.29	0.31	
Uniform Delay, d1		23.6	23.5		23.3		21.4	6.4		29.1	10.4	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.4	0.3		0.1		3.9	3.1		5.6	1.0	
Delay (s)		24.0	23.8		23.4		25.3	9.5		34.7	11.4	
Level of Service		C	C		C		C	A		C	B	
Approach Delay (s/veh)		23.8			23.4			13.2			12.1	
Approach LOS		C			C			B			B	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.4	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	12.5
Intersection Capacity Utilization	56.6%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



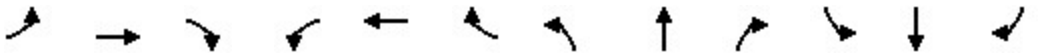
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	53	417	94	163	547	12	175	192	189	27	187	47
Future Volume (vph)	53	417	94	163	547	12	175	192	189	27	187	47
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85	1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1671	3343	1495	1671	3332		1588	1664	1495	3242	3242	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1671	3343	1495	1671	3332		1588	1630	1495	3242	3242	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	65	509	115	199	667	15	213	234	230	33	228	57
RTOR Reduction (vph)	0	0	88	0	1	0	0	0	139	0	24	0
Lane Group Flow (vph)	65	509	27	199	681	0	192	255	91	33	261	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.2	21.2	21.2	12.0	25.6		12.8	43.2	35.8	3.4	26.4	
Effective Green, g (s)	7.2	21.2	21.2	12.0	25.6		12.8	43.2	35.8	3.4	26.4	
Actuated g/C Ratio	0.08	0.24	0.24	0.13	0.28		0.14	0.48	0.40	0.04	0.29	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	133	787	352	222	947		225	787	594	122	950	
v/s Ratio Prot	0.04	0.15		c0.12	c0.20		c0.12	0.05		0.01	0.08	
v/s Ratio Perm			0.02					c0.11	0.06			
v/c Ratio	0.49	0.65	0.08	0.90	0.72		0.85	0.32	0.15	0.27	0.27	
Uniform Delay, d1	39.6	31.0	26.8	38.4	29.0		37.7	14.4	17.4	42.1	24.4	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	3.8	2.1	0.1	34.2	2.8		24.7	0.1	0.6	1.6	0.4	
Delay (s)	43.5	33.1	26.9	72.6	31.8		62.4	14.5	17.9	43.7	24.9	
Level of Service	D	C	C	E	C		E	B	B	D	C	
Approach Delay (s/veh)		33.0			41.0			29.3			26.8	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.0	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.66		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	52.8%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



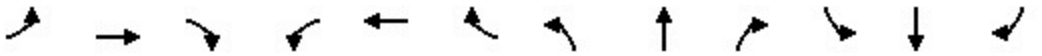
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	129	606	337	93	710	44	206	46	65	35	101	122
Future Volume (vph)	129	606	337	93	710	44	206	46	65	35	101	122
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (prot)	1641	4715	1468	1641	4674		1559	1590	1468		1705	1468
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (perm)	1641	4715	1468	1641	4674		1559	1590	1468		1705	1468
Peak-hour factor, PHF	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Adj. Flow (vph)	148	697	387	107	816	51	237	53	75	40	116	140
RTOR Reduction (vph)	0	0	243	0	7	0	0	0	61	0	0	127
Lane Group Flow (vph)	148	697	144	107	860	0	145	145	14	0	156	13
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.2	13.2	13.2		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.2	13.2	13.2		6.4	6.4
Actuated g/C Ratio	0.09	0.37	0.37	0.06	0.35		0.19	0.19	0.19		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	140	1759	547	105	1645		288	294	271		153	131
v/s Ratio Prot	c0.09	0.15		0.07	c0.18		c0.09	0.09			c0.09	
v/s Ratio Perm			0.10						0.01			0.01
v/c Ratio	1.06	0.40	0.26	1.02	0.52		0.50	0.49	0.05		1.02	0.10
Uniform Delay, d1	32.6	16.4	15.5	33.4	18.3		26.1	26.1	23.9		32.4	29.8
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	92.1	0.7	1.2	93.1	1.2		1.9	1.8	0.1		78.0	0.4
Delay (s)	124.7	17.1	16.7	126.4	19.5		28.0	27.8	24.0		110.5	30.2
Level of Service	F	B	B	F	B		C	C	C		F	C
Approach Delay (s/veh)		29.9			31.3			27.1			72.5	
Approach LOS		C			C			C			E	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.4	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	71.3	Sum of lost time (s)	20.5
Intersection Capacity Utilization	48.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



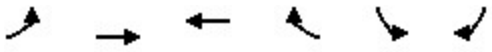
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	81	239	72	6	465	35	106	119	12	67	176	193
Future Volume (vph)	81	239	72	6	465	35	106	119	12	67	176	193
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	0.99		1.00	0.92	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1671	1698		1671	1741		1671	1736		1671	1622	
Flt Permitted	0.95	1.00		0.95	1.00		0.25	1.00		0.66	1.00	
Satd. Flow (perm)	1671	1698		1671	1741		443	1736		1169	1622	
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	90	266	80	7	517	39	118	132	13	74	196	214
RTOR Reduction (vph)	0	12	0	0	3	0	0	5	0	0	59	0
Lane Group Flow (vph)	90	334	0	7	553	0	118	140	0	74	351	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	3.8	36.1		0.7	33.0		19.7	19.7		19.7	19.7	
Effective Green, g (s)	3.8	36.1		0.7	33.0		19.7	19.7		19.7	19.7	
Actuated g/C Ratio	0.05	0.52		0.01	0.47		0.28	0.28		0.28	0.28	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	91	881		16	826		125	492		331	459	
v/s Ratio Prot	c0.05	c0.20		0.00	c0.32			0.08			0.22	
v/s Ratio Perm							c0.27			0.06		
v/c Ratio	0.99	0.38		0.44	0.67		0.94	0.28		0.22	0.77	
Uniform Delay, d1	32.8	10.0		34.2	14.0		24.4	19.4		19.0	22.8	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	90.1	1.2		24.0	4.3		63.3	0.4		0.5	7.9	
Delay (s)	122.9	11.2		58.2	18.3		87.7	19.8		19.5	30.7	
Level of Service	F	B		E	B		F	B		B	C	
Approach Delay (s/veh)		34.3			18.8			50.3			29.0	
Approach LOS		C			B			D			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	30.2	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.76		
Actuated Cycle Length (s)	69.5	Sum of lost time (s)	13.0
Intersection Capacity Utilization	72.6%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	178	374	145	167	788	119	220	593	171	132	391	143
Future Volume (vph)	178	374	145	167	788	119	220	593	171	132	391	143
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	185	390	151	174	821	124	229	618	178	138	407	149
RTOR Reduction (vph)	0	0	107	0	0	89	0	0	113	0	0	99
Lane Group Flow (vph)	185	390	44	174	821	35	229	618	65	138	407	50
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	27.2	27.2	7.4	26.2	26.2	9.2	33.9	33.9	6.4	31.1	31.1
Effective Green, g (s)	8.0	27.2	27.2	7.4	26.2	26.2	9.2	33.9	33.9	6.4	31.1	31.1
Actuated g/C Ratio	0.09	0.29	0.29	0.08	0.28	0.28	0.10	0.36	0.36	0.07	0.33	0.33
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	288	1011	452	267	974	436	332	1261	564	230	1662	517
v/s Ratio Prot	c0.05	0.11		0.05	c0.24		c0.07	c0.18		0.04	0.08	
v/s Ratio Perm			0.03			0.02			0.04			0.03
v/c Ratio	0.64	0.39	0.10	0.65	0.84	0.08	0.69	0.49	0.11	0.60	0.24	0.10
Uniform Delay, d1	41.3	26.4	24.1	41.7	31.6	24.7	40.7	23.0	19.7	42.2	22.6	21.4
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	4.8	0.2	0.1	5.6	6.7	0.1	5.9	1.4	0.4	4.4	0.4	0.4
Delay (s)	46.1	26.6	24.2	47.3	38.3	24.8	46.5	24.4	20.1	46.6	22.9	21.8
Level of Service	D	C	C	D	D	C	D	C	C	D	C	C
Approach Delay (s/veh)		31.1			38.2			28.6			27.4	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	31.9	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.67		
Actuated Cycle Length (s)	93.3	Sum of lost time (s)	18.8
Intersection Capacity Utilization	64.7%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	477	697	696	409	0	709
Future Volume (vph)	477	697	696	409	0	709
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1641	3282	3282	1468		1494
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1641	3282	3282	1468		1494
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	507	741	740	435	0	754
RTOR Reduction (vph)	0	0	0	217	0	24
Lane Group Flow (vph)	507	741	740	218	0	730
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	42.4	80.0	27.8	27.8		42.4
Effective Green, g (s)	42.4	80.0	27.8	27.8		42.4
Actuated g/C Ratio	0.53	1.00	0.35	0.35		0.53
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	869	3282	1140	510		791
v/s Ratio Prot	0.31	0.23	c0.23			
v/s Ratio Perm				0.15		c0.49
v/c Ratio	0.58	0.23	0.65	0.43		0.92
Uniform Delay, d1	12.8	0.0	22.0	20.0		17.3
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	1.0	0.2	2.9	2.6		16.2
Delay (s)	13.8	0.2	24.9	22.6		33.5
Level of Service	B	A	C	C		C
Approach Delay (s/veh)		5.7	24.0		33.5	
Approach LOS		A	C		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	19.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.81		
Actuated Cycle Length (s)	80.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	71.3%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	707	542	307	1092	0	0	0	445	0	0	681
Future Volume (vph)	0	707	542	307	1092	0	0	0	445	0	0	681
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3282	2584	3183	3282				2584			2584
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3282	2584	3183	3282				2584			2584
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	0	729	559	316	1126	0	0	0	459	0	0	702
RTOR Reduction (vph)	0	0	99	0	0	0	0	0	345	0	0	95
Lane Group Flow (vph)	0	729	460	316	1126	0	0	0	114	0	0	607
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	39.7				15.0			20.4
Effective Green, g (s)		45.1	45.1	15.0	39.7				15.0			20.4
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2117	1667	683	1864				554			754
v/s Ratio Prot		0.22		0.10	c0.34							
v/s Ratio Perm			0.18						0.04			c0.23
v/c Ratio		0.34	0.28	0.46	0.60				0.21			0.81
Uniform Delay, d1		5.7	5.4	23.9	9.9				22.6			22.9
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.4	0.4	0.5	1.5				0.2			6.3
Delay (s)		6.1	5.8	24.4	11.4				22.7			29.2
Level of Service		A	A	C	B				C			C
Approach Delay (s/veh)		6.0			14.3			22.7			29.2	
Approach LOS		A			B			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	15.2	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.67		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	62.2%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	26	164	9	238	786	8	251
v/c Ratio	0.13	0.49	0.05	0.61	0.64	0.05	0.33
Control Delay (s/veh)	24.8	10.4	20.4	26.8	9.5	26.6	13.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.8	10.4	20.4	26.8	9.5	26.6	13.7
Queue Length 50th (ft)	8	0	2	69	86	2	50
Queue Length 95th (ft)	29	46	13	141	#372	15	126
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	668	758	688	598	1237	169	750
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.22	0.01	0.40	0.64	0.05	0.33

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
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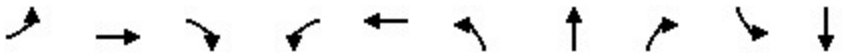
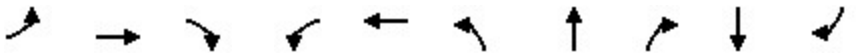


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	65	509	115	199	682	192	255	230	33	285
v/c Ratio	0.41	0.67	0.24	0.90	0.72	0.85	1.18	0.30	0.15	0.28
Control Delay (s/veh)	46.4	36.2	2.7	79.2	34.2	72.1	153.9	4.1	41.6	22.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	46.4	36.2	2.7	79.2	34.2	72.1	153.9	4.1	41.6	22.6
Queue Length 50th (ft)	35	135	0	113	185	113	~186	0	9	58
Queue Length 95th (ft)	68	166	7	#206	218	#213	#306	34	22	82
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	170	854	508	222	980	225	217	766	219	1005
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.38	0.60	0.23	0.90	0.70	0.85	1.18	0.30	0.15	0.28

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	148	697	387	107	867	145	145	75	156	140
v/c Ratio	1.06	0.40	0.49	1.02	0.53	0.50	0.49	0.19	1.02	0.51
Control Delay (s/veh)	129.9	18.0	4.6	132.2	20.2	32.1	31.7	1.1	116.7	12.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	129.9	18.0	4.6	132.2	20.2	32.1	31.7	1.1	116.7	12.3
Queue Length 50th (ft)	~72	79	0	~48	105	61	61	0	~70	0
Queue Length 95th (ft)	#187	121	49	#149	157	109	109	0	#192	39
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	140	1755	789	105	1648	700	714	742	153	274
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.06	0.40	0.49	1.02	0.53	0.21	0.20	0.10	1.02	0.51

Intersection Summary

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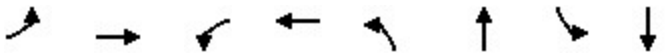

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	90	346	7	556	118	145	74	410
v/c Ratio	0.71	0.37	0.07	0.69	0.90	0.28	0.21	0.76
Control Delay (s/veh)	65.3	11.4	34.7	22.5	82.4	18.4	19.0	26.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	65.3	11.4	34.7	22.5	82.4	18.4	19.0	26.8
Queue Length 50th (ft)	38	64	3	180	47	44	23	123
Queue Length 95th (ft)	#121	178	15	#389	#136	84	52	218
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	127	934	102	807	184	724	485	721
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.71	0.37	0.07	0.69	0.64	0.20	0.15	0.57

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
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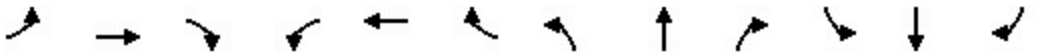

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	185	390	151	174	821	124	229	618	178	138	407	149
v/c Ratio	0.64	0.39	0.27	0.65	0.84	0.24	0.69	0.49	0.26	0.60	0.24	0.24
Control Delay (s/veh)	52.7	27.5	5.6	54.6	40.7	6.1	52.8	25.0	4.5	54.2	23.5	5.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.7	27.5	5.6	54.6	40.7	6.1	52.8	25.0	4.5	54.2	23.5	5.1
Queue Length 50th (ft)	56	96	0	53	240	0	70	151	0	42	65	0
Queue Length 95th (ft)	#97	137	43	#94	313	40	#115	204	43	#74	91	42
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	289	1080	587	267	1043	553	339	1259	677	231	1662	616
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.64	0.36	0.26	0.65	0.79	0.22	0.68	0.49	0.26	0.60	0.24	0.24

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
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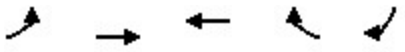


Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	507	741	740	435	754
v/c Ratio	0.58	0.23	0.65	0.60	0.92
Control Delay (s/veh)	15.7	0.2	25.9	9.7	35.0
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	15.7	0.2	25.9	9.7	35.0
Queue Length 50th (ft)	152	0	167	37	289
Queue Length 95th (ft)	240	0	230	127	#546
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	908	3282	1140	727	850
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.56	0.23	0.65	0.60	0.89

Intersection Summary

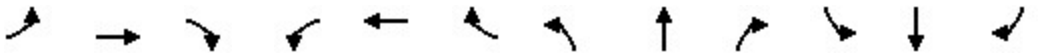
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	729	559	316	1126	459	702
v/c Ratio	0.34	0.32	0.46	0.60	0.51	0.83
Control Delay (s/veh)	6.2	3.1	26.5	11.7	5.5	28.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	6.2	3.1	26.5	11.7	5.5	28.7
Queue Length 50th (ft)	64	23	61	153	3	128
Queue Length 95th (ft)	91	43	97	210	42	#227
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2117	1766	686	1863	901	858
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.34	0.32	0.46	0.60	0.51	0.82

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	45	6	422	23	2	8	104	356	3	5	476	21
Future Volume (veh/h)	45	6	422	23	2	8	104	356	3	5	476	21
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	48	6	454	25	2	9	112	383	3	5	512	23
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	516	58	505	317	36	86	143	867	7	9	698	31
Arrive On Green	0.32	0.32	0.32	0.32	0.32	0.32	0.08	0.48	0.48	0.01	0.40	0.40
Sat Flow, veh/h	1265	180	1560	685	111	265	1753	1824	14	1753	1748	79
Grp Volume(v), veh/h	54	0	454	36	0	0	112	0	386	5	0	535
Grp Sat Flow(s),veh/h/ln	1445	0	1560	1061	0	0	1753	0	1838	1753	0	1827
Q Serve(g_s), s	0.0	0.0	17.7	0.1	0.0	0.0	4.0	0.0	8.9	0.2	0.0	15.9
Cycle Q Clear(g_c), s	1.4	0.0	17.7	1.4	0.0	0.0	4.0	0.0	8.9	0.2	0.0	15.9
Prop In Lane	0.89		1.00	0.69		0.25	1.00		0.01	1.00		0.04
Lane Grp Cap(c), veh/h	574	0	505	439	0	0	143	0	874	9	0	729
V/C Ratio(X)	0.09	0.00	0.90	0.08	0.00	0.00	0.78	0.00	0.44	0.54	0.00	0.73
Avail Cap(c_a), veh/h	661	0	601	504	0	0	203	0	874	151	0	729
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	15.1	0.0	20.6	14.9	0.0	0.0	28.8	0.0	11.1	31.7	0.0	16.3
Incr Delay (d2), s/veh	0.1	0.0	14.8	0.1	0.0	0.0	12.1	0.0	1.6	40.5	0.0	6.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	8.0	0.4	0.0	0.0	2.1	0.0	3.4	0.2	0.0	7.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	15.1	0.0	35.4	15.0	0.0	0.0	40.8	0.0	12.8	72.2	0.0	22.8
LnGrp LOS	B		D	B			D		B	E		C
Approach Vol, veh/h		508			36			498			540	
Approach Delay, s/veh		33.2			15.0			19.1			23.2	
Approach LOS		C			B			B			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.3	34.9		24.7	9.2	30.0		24.7				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.5	27.4		24.6	7.4	25.5		24.6				
Max Q Clear Time (g_c+I1), s	2.2	10.9		19.7	6.0	17.9		3.4				
Green Ext Time (p_c), s	0.0	2.0		1.0	0.0	2.0		0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			24.9									
HCM 7th LOS			C									

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	88	736	65	94	478	19	155	210	227	26	155	91
Future Volume (veh/h)	88	736	65	94	478	19	155	210	227	26	155	91
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	93	775	68	99	503	20	163	221	239	27	163	96
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	119	872	389	127	871	35	198	851	721	75	803	448
Arrive On Green	0.07	0.25	0.25	0.07	0.25	0.25	0.04	0.15	0.15	0.02	0.37	0.37
Sat Flow, veh/h	1767	3526	1572	1767	3456	137	1767	1856	1572	3428	2181	1218
Grp Volume(v), veh/h	93	775	68	99	256	267	163	221	239	27	130	129
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1831	1767	1856	1572	1714	1763	1636
Q Serve(g_s), s	4.7	19.1	3.1	5.0	11.4	11.5	8.2	9.5	12.2	0.7	4.5	4.9
Cycle Q Clear(g_c), s	4.7	19.1	3.1	5.0	11.4	11.5	8.2	9.5	12.2	0.7	4.5	4.9
Prop In Lane	1.00		1.00	1.00		0.07	1.00		1.00	1.00		0.74
Lane Grp Cap(c), veh/h	119	872	389	127	444	462	198	851	721	75	649	602
V/C Ratio(X)	0.78	0.89	0.17	0.78	0.58	0.58	0.82	0.26	0.33	0.36	0.20	0.21
Avail Cap(c_a), veh/h	181	901	402	236	497	517	236	851	721	210	649	602
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.3	32.7	26.6	41.0	29.4	29.5	42.4	24.7	25.9	43.4	19.4	19.5
Incr Delay (d2), s/veh	15.3	10.9	0.3	13.4	1.8	1.7	15.2	0.7	1.2	4.1	0.5	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.5	9.1	1.1	2.6	4.9	5.1	4.6	4.6	5.3	0.3	1.9	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	56.6	43.5	26.9	54.4	31.2	31.2	57.6	25.4	27.1	47.5	19.9	20.1
LnGrp LOS	E	D	C	D	C	C	E	C	C	D	B	C
Approach Vol, veh/h		936			622			623			286	
Approach Delay, s/veh		43.6			34.9			34.5			22.6	
Approach LOS		D			C			C			C	

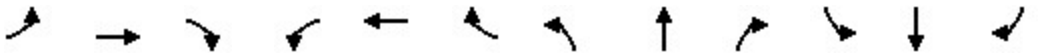
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.0	46.3	10.5	27.3	14.1	38.1	10.1	27.7
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.7	14.2	7.0	21.1	10.2	6.9	6.7	13.5
Green Ext Time (p_c), s	0.0	4.9	0.1	1.2	0.0	3.1	0.1	3.2

Intersection Summary	
HCM 7th Control Delay, s/veh	36.7
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



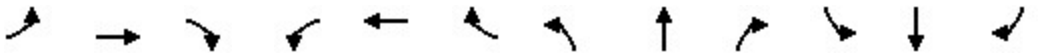
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	164	866	293	154	621	12	260	32	123	16	85	60
Future Volume (veh/h)	164	866	293	154	621	12	260	32	123	16	85	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	174	921	312	164	661	13	301	0	131	17	90	64
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	158	1965	610	119	1872	37	510	0	227	25	130	132
Arrive On Green	0.09	0.39	0.39	0.07	0.37	0.37	0.15	0.00	0.15	0.09	0.09	0.09
Sat Flow, veh/h	1739	4985	1547	1739	5032	99	3478	0	1547	288	1524	1547
Grp Volume(v), veh/h	174	921	312	164	436	238	301	0	131	107	0	64
Grp Sat Flow(s),veh/h/ln	1739	1662	1547	1739	1662	1808	1739	0	1547	1812	0	1547
Q Serve(g_s), s	6.1	9.2	10.3	4.6	6.4	6.4	5.4	0.0	5.3	3.9	0.0	2.7
Cycle Q Clear(g_c), s	6.1	9.2	10.3	4.6	6.4	6.4	5.4	0.0	5.3	3.9	0.0	2.7
Prop In Lane	1.00		1.00	1.00		0.05	1.00		1.00	0.16		1.00
Lane Grp Cap(c), veh/h	158	1965	610	119	1236	673	510	0	227	155	0	132
V/C Ratio(X)	1.10	0.47	0.51	1.38	0.35	0.35	0.59	0.00	0.58	0.69	0.00	0.48
Avail Cap(c_a), veh/h	158	1965	610	119	1236	673	1656	0	737	172	0	147
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	30.6	15.1	15.4	31.3	15.3	15.3	26.8	0.0	26.7	29.9	0.0	29.3
Incr Delay (d2), s/veh	101.7	0.8	3.0	213.9	0.8	1.5	1.6	0.0	3.3	11.3	0.0	3.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	6.9	3.2	3.7	8.9	2.3	2.6	2.3	0.0	2.1	2.1	0.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	132.3	15.9	18.5	245.2	16.0	16.7	28.3	0.0	30.0	41.2	0.0	33.2
LnGrp LOS	F	B	B	F	B	B	C		C	D		C
Approach Vol, veh/h		1407			838			432			171	
Approach Delay, s/veh		30.9			61.1			28.8			38.2	
Approach LOS		C			E			C			D	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		10.4	11.5	30.4		15.0				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.6	12.3		5.9	8.1	8.4		7.4				
Green Ext Time (p_c), s	0.0	10.9		0.1	0.0	7.9		2.4				

Intersection Summary			
HCM 7th Control Delay, s/veh		39.9	
HCM 7th LOS		D	

Notes

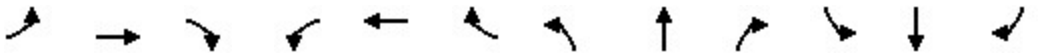
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	352	179	2	206	42	54	82	7	35	236	150
Future Volume (veh/h)	110	352	179	2	206	42	54	82	7	35	236	150
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	120	383	195	2	224	46	59	89	8	38	257	163
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	153	538	274	4	567	116	199	509	46	462	322	204
Arrive On Green	0.09	0.47	0.47	0.00	0.39	0.39	0.31	0.31	0.31	0.31	0.31	0.31
Sat Flow, veh/h	1739	1141	581	1739	1470	302	944	1651	148	1268	1044	662
Grp Volume(v), veh/h	120	0	578	2	0	270	59	0	97	38	0	420
Grp Sat Flow(s),veh/h/ln	1739	0	1721	1739	0	1772	944	0	1799	1268	0	1707
Q Serve(g_s), s	4.0	0.0	15.9	0.1	0.0	6.6	3.6	0.0	2.4	1.3	0.0	13.5
Cycle Q Clear(g_c), s	4.0	0.0	15.9	0.1	0.0	6.6	17.1	0.0	2.4	3.7	0.0	13.5
Prop In Lane	1.00		0.34	1.00		0.17	1.00		0.08	1.00		0.39
Lane Grp Cap(c), veh/h	153	0	811	4	0	683	199	0	555	462	0	527
V/C Ratio(X)	0.79	0.00	0.71	0.53	0.00	0.40	0.30	0.00	0.17	0.08	0.00	0.80
Avail Cap(c_a), veh/h	204	0	811	117	0	683	335	0	814	645	0	773
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.7	0.0	12.6	29.7	0.0	13.3	26.8	0.0	15.1	16.4	0.0	18.9
Incr Delay (d2), s/veh	15.9	0.0	5.3	107.6	0.0	1.7	1.2	0.0	0.2	0.1	0.0	4.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	0.0	6.3	0.1	0.0	2.6	0.8	0.0	0.9	0.4	0.0	5.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.6	0.0	17.8	137.3	0.0	15.0	27.9	0.0	15.3	16.5	0.0	23.6
LnGrp LOS	D		B	F		B	C		B	B		C
Approach Vol, veh/h		698			272			156			458	
Approach Delay, s/veh		22.1			15.9			20.1			23.0	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.1	32.6		22.9	9.2	27.5		22.9				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	26.0		27.0	7.0	23.0		27.0				
Max Q Clear Time (g_c+I1), s	2.1	17.9		19.1	6.0	8.6		15.5				
Green Ext Time (p_c), s	0.0	3.2		0.6	0.0	1.8		3.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			21.1									
HCM 7th LOS			C									



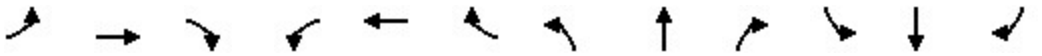
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	130	653	214	163	510	156	179	398	191	286	543	140
Future Volume (veh/h)	130	653	214	163	510	156	179	398	191	286	543	140
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	135	680	223	170	531	162	186	415	0	298	566	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	306	885	395	243	820	366	261	1344		295	1982	
Arrive On Green	0.09	0.25	0.25	0.07	0.23	0.23	0.08	0.38	0.00	0.09	0.39	0.00
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	3456	3554	1585	3456	5106	1585
Grp Volume(v), veh/h	135	680	223	170	531	162	186	415	0	298	566	0
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1728	1777	1585	1728	1702	1585
Q Serve(g_s), s	3.2	15.4	10.7	4.2	11.7	7.6	4.6	7.1	0.0	7.4	6.6	0.0
Cycle Q Clear(g_c), s	3.2	15.4	10.7	4.2	11.7	7.6	4.6	7.1	0.0	7.4	6.6	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	306	885	395	243	820	366	261	1344		295	1982	
V/C Ratio(X)	0.44	0.77	0.56	0.70	0.65	0.44	0.71	0.31		1.01	0.29	
Avail Cap(c_a), veh/h	319	1209	539	275	1148	512	299	1344		295	1982	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	37.5	30.2	28.4	39.4	30.2	28.6	39.2	19.0	0.0	39.7	18.3	0.0
Incr Delay (d2), s/veh	1.0	2.1	1.3	6.6	0.9	0.8	6.7	0.6	0.0	55.1	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	6.6	4.0	1.9	4.8	2.8	2.1	2.9	0.0	5.3	2.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.5	32.3	29.7	46.0	31.0	29.4	45.8	19.6	0.0	94.7	18.6	0.0
LnGrp LOS	D	C	C	D	C	C	D	B		F	B	
Approach Vol, veh/h		1038			863			601			864	
Approach Delay, s/veh		32.5			33.7			27.7			44.9	
Approach LOS		C			C			C			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	37.4	10.7	26.6	11.1	38.3	12.3	25.0
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	7.4	32.8	6.9	*30	7.5	32.7	8.0	28.0
Max Q Clear Time (g_c+I1), s	9.4	9.1	6.2	17.4	6.6	8.6	5.2	13.7
Green Ext Time (p_c), s	0.0	2.7	0.0	4.2	0.1	3.9	0.1	3.3

Intersection Summary	
HCM 7th Control Delay, s/veh	35.1
HCM 7th LOS	D

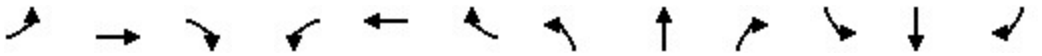
Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.
Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



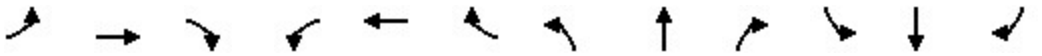
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	45	6	422	23	2	8	104	356	3	5	476	21
Future Volume (vph)	45	6	422	23	2	8	104	356	3	5	476	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.97		1.00	1.00		1.00	0.99	
Flt Protected		0.96	1.00		0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1749	1553		1706		1736	1825		1736	1815	
Flt Permitted		0.77	1.00		0.83		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1398	1553		1461		1736	1825		1736	1815	
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	48	6	454	25	2	9	112	383	3	5	512	23
RTOR Reduction (vph)	0	0	266	0	7	0	0	0	0	0	2	0
Lane Group Flow (vph)	0	54	188	0	29	0	112	386	0	5	533	0
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		12.3	12.3		12.3		5.6	33.9		0.9	29.2	
Effective Green, g (s)		12.3	12.3		12.3		5.6	33.9		0.9	29.2	
Actuated g/C Ratio		0.21	0.21		0.21		0.09	0.57		0.02	0.49	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		288	320		301		163	1038		26	889	
v/s Ratio Prot							c0.06	0.21		0.00	c0.29	
v/s Ratio Perm		0.04	c0.12		0.02							
v/c Ratio		0.19	0.59		0.10		0.69	0.37		0.19	0.60	
Uniform Delay, d1		19.5	21.4		19.1		26.2	7.0		29.0	11.0	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.3	2.8		0.1		11.4	1.0		3.6	3.0	
Delay (s)		19.8	24.1		19.3		37.5	8.0		32.6	14.0	
Level of Service		B	C		B		D	A		C	B	
Approach Delay (s/veh)		23.7			19.3			14.7			14.1	
Approach LOS		C			B			B			B	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	17.5	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.61		
Actuated Cycle Length (s)	59.6	Sum of lost time (s)	12.5
Intersection Capacity Utilization	66.2%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



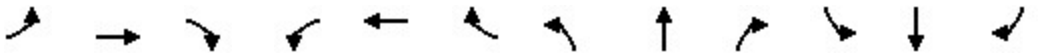
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	88	736	65	94	478	19	155	210	227	26	155	91
Future Volume (vph)	88	736	65	94	478	19	155	210	227	26	155	91
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.94	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1752	3505	1568	1752	3485		1665	1747	1568	3400	3310	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1752	3505	1568	1752	3485		1665	1721	1568	3400	3310	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	93	775	68	99	503	20	163	221	239	27	163	96
RTOR Reduction (vph)	0	0	51	0	3	0	0	0	138	0	64	0
Lane Group Flow (vph)	93	775	17	99	520	0	147	237	101	27	195	0
Heavy Vehicles (%)	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.4	23.0	23.0	9.0	24.2		10.8	44.4	38.2	2.2	29.6	
Effective Green, g (s)	7.4	23.0	23.0	9.0	24.2		10.8	44.4	38.2	2.2	29.6	
Actuated g/C Ratio	0.08	0.26	0.26	0.10	0.27		0.12	0.49	0.42	0.02	0.33	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	144	895	400	175	937		199	852	665	83	1088	
v/s Ratio Prot	0.05	c0.22		c0.06	0.15		c0.09	0.03		0.01	0.06	
v/s Ratio Perm			0.01					c0.10	0.06			
v/c Ratio	0.65	0.87	0.04	0.57	0.56		0.74	0.28	0.15	0.33	0.18	
Uniform Delay, d1	40.0	32.0	25.2	38.6	28.3		38.2	13.4	15.9	43.2	21.5	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	10.6	9.1	0.1	5.0	0.9		11.6	0.1	0.5	3.1	0.2	
Delay (s)	50.6	41.1	25.3	43.7	29.2		49.9	13.5	16.4	46.3	21.8	
Level of Service	D	D	C	D	C		D	B	B	D	C	
Approach Delay (s/veh)		40.9			31.5			23.2			24.1	
Approach LOS		D			C			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	32.1	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.58		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	59.3%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



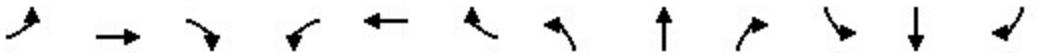
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	164	866	293	154	621	12	260	32	123	16	85	60
Future Volume (vph)	164	866	293	154	621	12	260	32	123	16	85	60
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (prot)	1719	4940	1538	1719	4926		1633	1654	1538		1795	1538
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (perm)	1719	4940	1538	1719	4926		1633	1654	1538		1795	1538
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	174	921	312	164	661	13	277	34	131	17	90	64
RTOR Reduction (vph)	0	0	197	0	2	0	0	0	106	0	0	58
Lane Group Flow (vph)	174	921	115	164	672	0	155	156	25	0	107	6
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.9	13.9	13.9		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.9	13.9	13.9		6.4	6.4
Actuated g/C Ratio	0.08	0.37	0.37	0.06	0.35		0.19	0.19	0.19		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	145	1825	568	109	1717		315	319	296		159	136
v/s Ratio Prot	c0.10	c0.19		0.10	0.14		c0.09	0.09			c0.06	
v/s Ratio Perm			0.07						0.02			0.00
v/c Ratio	1.20	0.50	0.20	1.50	0.39		0.49	0.49	0.09		0.67	0.04
Uniform Delay, d1	32.9	17.6	15.5	33.7	17.7		25.9	25.9	23.8		31.8	30.0
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	138.4	1.0	0.8	268.7	0.7		1.6	1.6	0.2		11.6	0.2
Delay (s)	171.4	18.6	16.3	302.4	18.4		27.6	27.5	24.0		43.4	30.2
Level of Service	F	B	B	F	B		C	C	C		D	C
Approach Delay (s/veh)		37.0			73.9			26.5			38.4	
Approach LOS		D			E			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	46.3	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	72.0	Sum of lost time (s)	20.5
Intersection Capacity Utilization	53.2%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	110	352	179	2	206	42	54	82	7	35	236	150
Future Volume (vph)	110	352	179	2	206	42	54	82	7	35	236	150
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.95		1.00	0.97		1.00	0.99		1.00	0.94	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1719	1718		1719	1763		1719	1787		1719	1704	
Flt Permitted	0.95	1.00		0.95	1.00		0.27	1.00		0.69	1.00	
Satd. Flow (perm)	1719	1718		1719	1763		482	1787		1256	1704	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	120	383	195	2	224	46	59	89	8	38	257	163
RTOR Reduction (vph)	0	21	0	0	9	0	0	6	0	0	37	0
Lane Group Flow (vph)	120	557	0	2	261	0	59	91	0	38	383	0
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Effective Green, g (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Actuated g/C Ratio	0.08	0.49		0.01	0.42		0.30	0.30		0.30	0.30	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	142	840		18	735		142	529		372	504	
v/s Ratio Prot	c0.07	c0.32		0.00	0.15			0.05			c0.22	
v/s Ratio Perm							0.12			0.03		
v/c Ratio	0.85	0.66		0.11	0.35		0.42	0.17		0.10	0.76	
Uniform Delay, d1	28.8	12.3		31.2	12.7		18.0	16.7		16.3	20.4	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	35.5	4.1		3.7	1.3		2.7	0.2		0.2	6.9	
Delay (s)	64.4	16.4		35.0	14.1		20.7	16.9		16.5	27.3	
Level of Service	E	B		C	B		C	B		B	C	
Approach Delay (s/veh)		24.7			14.2			18.3			26.4	
Approach LOS		C			B			B			C	

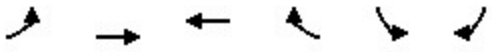
Intersection Summary			
HCM 2000 Control Delay (s/veh)	22.7	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.75		
Actuated Cycle Length (s)	63.8	Sum of lost time (s)	13.0
Intersection Capacity Utilization	73.9%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	130	653	214	163	510	156	179	398	191	286	543	140
Future Volume (vph)	130	653	214	163	510	156	179	398	191	286	543	140
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	135	680	223	170	531	162	186	415	199	298	566	146
RTOR Reduction (vph)	0	0	163	0	0	93	0	0	126	0	0	88
Lane Group Flow (vph)	135	680	60	170	531	70	186	415	73	298	566	58
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	23.9	23.9	6.9	22.4	22.4	7.5	32.9	32.9	7.4	32.8	32.8
Effective Green, g (s)	8.0	23.9	23.9	6.9	22.4	22.4	7.5	32.9	32.9	7.4	32.8	32.8
Actuated g/C Ratio	0.09	0.27	0.27	0.08	0.25	0.25	0.08	0.37	0.37	0.08	0.37	0.37
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	306	945	422	264	885	396	287	1300	581	283	1863	580
v/s Ratio Prot	0.04	c0.19		c0.05	0.15		0.05	c0.12		c0.09	0.11	
v/s Ratio Perm			0.04			0.04			0.05			0.04
v/c Ratio	0.44	0.72	0.14	0.64	0.60	0.18	0.65	0.32	0.13	1.05	0.30	0.10
Uniform Delay, d1	38.6	29.8	25.0	40.1	29.6	26.3	39.7	20.3	18.8	41.1	20.2	18.6
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.0	2.7	0.2	5.3	1.2	0.2	5.0	0.6	0.4	68.1	0.4	0.3
Delay (s)	39.6	32.4	25.1	45.4	30.7	26.5	44.7	20.9	19.2	109.2	20.6	19.0
Level of Service	D	C	C	D	C	C	D	C	B	F	C	B
Approach Delay (s/veh)		31.8			32.8			26.0			46.5	
Approach LOS		C			C			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.56		
Actuated Cycle Length (s)	89.5	Sum of lost time (s)	18.8
Intersection Capacity Utilization	57.2%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	455	789	656	409	0	576
Future Volume (vph)	455	789	656	409	0	576
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1719	3438	3438	1538		1565
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1719	3438	3438	1538		1565
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	484	839	698	435	0	613
RTOR Reduction (vph)	0	0	0	124	0	80
Lane Group Flow (vph)	484	839	698	311	0	533
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	22.8	60.0	27.4	27.4		22.8
Effective Green, g (s)	22.8	60.0	27.4	27.4		22.8
Actuated g/C Ratio	0.38	1.00	0.46	0.46		0.38
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	653	3438	1570	702		594
v/s Ratio Prot	0.28	0.24	c0.20			
v/s Ratio Perm				0.20		c0.34
v/c Ratio	0.74	0.24	0.44	0.44		0.90
Uniform Delay, d1	16.1	0.0	11.1	11.1		17.5
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	4.5	0.2	0.9	2.0		16.2
Delay (s)	20.6	0.2	12.0	13.1		33.7
Level of Service	C	A	B	B		C
Approach Delay (s/veh)		7.6	12.4		33.7	
Approach LOS		A	B		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	62.0%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	873	885	347	883	0	0	0	389	0	0	547
Future Volume (vph)	0	873	885	347	883	0	0	0	389	0	0	547
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3438	2707	3335	3438				2707			2707
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3438	2707	3335	3438				2707			2707
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	949	962	377	960	0	0	0	423	0	0	595
RTOR Reduction (vph)	0	0	67	0	0	0	0	0	218	0	0	145
Lane Group Flow (vph)	0	949	895	377	960	0	0	0	205	0	0	450
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	40.0				15.0			20.1
Effective Green, g (s)		45.1	45.1	15.0	40.0				15.0			20.1
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2218	1746	715	1967				580			778
v/s Ratio Prot		0.28		0.11	0.28							
v/s Ratio Perm			c0.33						0.08			c0.17
v/c Ratio		0.43	0.51	0.53	0.49				0.35			0.58
Uniform Delay, d1		6.1	6.6	24.3	8.9				23.3			21.3
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.6	1.1	0.7	0.9				0.4			1.1
Delay (s)		6.7	7.6	25.0	9.7				23.7			22.3
Level of Service		A	A	C	A				C			C
Approach Delay (s/veh)		7.2			14.0			23.7			22.3	
Approach LOS		A			B			C			C	

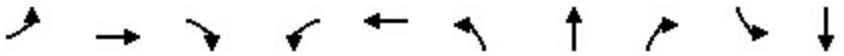
Intersection Summary			
HCM 2000 Control Delay (s/veh)	13.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.56		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	51.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	54	454	36	112	386	5	535
v/c Ratio	0.18	0.76	0.11	0.50	0.35	0.03	0.62
Control Delay (s/veh)	18.8	14.8	14.4	35.9	9.7	28.2	18.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	18.8	14.8	14.4	35.9	9.7	28.2	18.9
Queue Length 50th (ft)	15	35	8	36	48	2	133
Queue Length 95th (ft)	38	116	25	#110	201	12	#360
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	627	881	660	234	1096	174	863
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.09	0.52	0.05	0.48	0.35	0.03	0.62

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	93	775	68	99	523	147	237	239	27	259
v/c Ratio	0.54	0.87	0.13	0.49	0.56	0.74	1.25	0.28	0.12	0.22
Control Delay (s/veh)	50.9	43.7	0.5	45.2	30.4	60.5	185.3	3.8	41.3	15.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	50.9	43.7	0.5	45.2	30.4	60.5	185.3	3.8	41.3	15.6
Queue Length 50th (ft)	51	219	0	53	131	85	~164	0	7	36
Queue Length 95th (ft)	100	#321	0	102	181	#169	#314	47	21	67
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	179	913	534	233	986	222	189	850	220	1182
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.52	0.85	0.13	0.42	0.53	0.66	1.25	0.28	0.12	0.22

Intersection Summary

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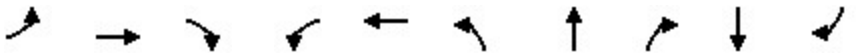

Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	174	921	312	164	674	155	156	131	107	64
v/c Ratio	1.20	0.51	0.41	1.50	0.39	0.49	0.49	0.31	0.67	0.23
Control Delay (s/veh)	171.8	19.5	4.3	296.1	19.2	31.1	31.0	5.6	56.3	1.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	171.8	19.5	4.3	296.1	19.2	31.1	31.0	5.6	56.3	1.9
Queue Length 50th (ft)	~95	113	0	~103	80	65	65	0	47	0
Queue Length 95th (ft)	#231	172	52	#233	127	120	121	31	#132	0
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	145	1821	763	109	1714	726	736	767	159	279
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.20	0.51	0.41	1.50	0.39	0.21	0.21	0.17	0.67	0.23

Intersection Summary

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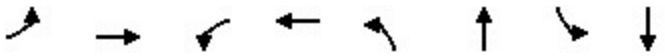

Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	120	578	2	270	59	97	38	420
v/c Ratio	0.59	0.64	0.02	0.38	0.42	0.18	0.10	0.74
Control Delay (s/veh)	43.6	17.3	30.5	16.8	26.5	14.9	15.2	24.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.6	17.3	30.5	16.8	26.5	14.9	15.2	24.9
Queue Length 50th (ft)	44	123	1	69	17	24	10	122
Queue Length 95th (ft)	#127	#398	7	149	48	53	28	211
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	202	903	115	713	218	816	570	802
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.59	0.64	0.02	0.38	0.27	0.12	0.07	0.52

Intersection Summary

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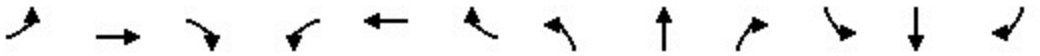

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	135	680	223	170	531	163	186	415	199	298	566	146
v/c Ratio	0.44	0.72	0.38	0.64	0.60	0.33	0.65	0.32	0.28	1.05	0.30	0.22
Control Delay (s/veh)	44.7	34.4	5.6	53.3	32.4	10.1	52.3	21.9	4.4	109.5	21.5	5.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	44.7	34.4	5.6	53.3	32.4	10.1	52.3	21.9	4.4	109.5	21.5	5.4
Queue Length 50th (ft)	38	183	0	49	139	17	54	88	0	~96	83	3
Queue Length 95th (ft)	70	243	51	#95	190	65	#102	136	46	#190	121	43
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	307	1168	672	265	1108	581	288	1298	706	284	1861	667
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.44	0.58	0.33	0.64	0.48	0.28	0.65	0.32	0.28	1.05	0.30	0.22

Intersection Summary

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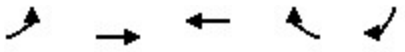

Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	484	839	698	435	613
v/c Ratio	0.74	0.24	0.44	0.53	0.91
Control Delay (s/veh)	23.8	0.2	12.7	8.4	34.2
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	23.8	0.2	12.7	8.4	34.2
Queue Length 50th (ft)	139	0	90	46	156
Queue Length 95th (ft)	237	0	131	117	#345
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	696	3438	1572	827	710
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.70	0.24	0.44	0.53	0.86

Intersection Summary

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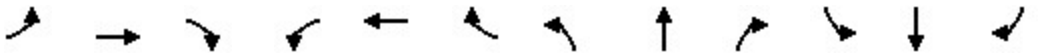
Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	949	962	377	960	423	595
v/c Ratio	0.43	0.53	0.53	0.49	0.53	0.64
Control Delay (s/veh)	6.8	6.4	27.4	10.0	11.3	17.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	6.8	6.4	27.4	10.0	11.3	17.7
Queue Length 50th (ft)	90	81	74	115	30	80
Queue Length 95th (ft)	124	126	113	164	71	136
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2217	1812	720	1966	801	944
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.43	0.53	0.52	0.49	0.53	0.63

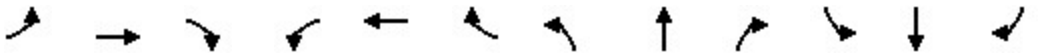
Intersection Summary



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	11	149	3	3	3	217	719	25	7	206	26
Future Volume (veh/h)	13	11	149	3	3	3	217	719	25	7	206	26
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	14	12	164	3	3	3	238	790	27	8	226	29
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	188	131	216	123	105	73	295	1109	38	14	746	96
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	0.17	0.64	0.64	0.01	0.47	0.47
Sat Flow, veh/h	664	930	1535	294	743	519	1725	1741	59	1725	1573	202
Grp Volume(v), veh/h	26	0	164	9	0	0	238	0	817	8	0	255
Grp Sat Flow(s),veh/h/ln	1594	0	1535	1556	0	0	1725	0	1800	1725	0	1775
Q Serve(g_s), s	0.0	0.0	6.0	0.0	0.0	0.0	7.8	0.0	17.6	0.3	0.0	5.2
Cycle Q Clear(g_c), s	0.7	0.0	6.0	0.3	0.0	0.0	7.8	0.0	17.6	0.3	0.0	5.2
Prop In Lane	0.54		1.00	0.33		0.33	1.00		0.03	1.00		0.11
Lane Grp Cap(c), veh/h	319	0	216	301	0	0	295	0	1147	14	0	842
V/C Ratio(X)	0.08	0.00	0.76	0.03	0.00	0.00	0.81	0.00	0.71	0.56	0.00	0.30
Avail Cap(c_a), veh/h	750	0	645	709	0	0	583	0	1147	165	0	842
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	21.9	0.0	24.2	21.7	0.0	0.0	23.3	0.0	7.1	28.9	0.0	9.4
Incr Delay (d2), s/veh	0.1	0.0	5.4	0.0	0.0	0.0	5.2	0.0	3.8	29.6	0.0	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.3	0.1	0.0	0.0	3.3	0.0	5.4	0.2	0.0	1.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.0	0.0	29.6	21.8	0.0	0.0	28.5	0.0	10.8	58.5	0.0	10.4
LnGrp LOS	C		C	C			C		B	E		B
Approach Vol, veh/h		190			9			1055			263	
Approach Delay, s/veh		28.5			21.8			14.8			11.8	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	41.8		12.2	14.0	32.3		12.2				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.6	37.3		24.6	19.8	23.1		24.6				
Max Q Clear Time (g_c+I1), s	2.3	19.6		8.0	9.8	7.2		2.3				
Green Ext Time (p_c), s	0.0	5.6		0.6	0.5	1.2		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			16.0									
HCM 7th LOS			B									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	439	97	151	520	12	174	199	187	27	186	48
Future Volume (veh/h)	58	439	97	151	520	12	174	199	187	27	186	48
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	71	535	118	184	634	15	212	243	228	33	227	59
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	90	693	309	216	943	22	226	789	668	82	894	227
Arrive On Green	0.05	0.20	0.20	0.13	0.28	0.28	0.04	0.15	0.15	0.02	0.33	0.33
Sat Flow, veh/h	1697	3385	1510	1697	3380	80	1697	1781	1510	3291	2672	679
Grp Volume(v), veh/h	71	535	118	184	317	332	212	243	228	33	142	144
Grp Sat Flow(s),veh/h/ln	1697	1692	1510	1697	1692	1767	1697	1781	1510	1646	1692	1659
Q Serve(g_s), s	3.7	13.4	6.1	9.6	15.0	15.0	11.2	11.0	12.2	0.9	5.5	5.7
Cycle Q Clear(g_c), s	3.7	13.4	6.1	9.6	15.0	15.0	11.2	11.0	12.2	0.9	5.5	5.7
Prop In Lane	1.00		1.00	1.00		0.05	1.00		1.00	1.00		0.41
Lane Grp Cap(c), veh/h	90	693	309	216	472	493	226	789	668	82	566	555
V/C Ratio(X)	0.78	0.77	0.38	0.85	0.67	0.67	0.94	0.31	0.34	0.40	0.25	0.26
Avail Cap(c_a), veh/h	173	865	386	226	478	499	226	789	668	201	566	555
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.1	33.8	30.9	38.4	28.8	28.8	42.6	26.1	26.6	43.2	21.8	21.8
Incr Delay (d2), s/veh	18.7	4.0	1.1	25.5	4.1	3.9	42.1	1.0	1.4	4.5	0.8	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	5.7	2.2	5.4	6.4	6.6	7.7	5.3	5.1	0.4	2.3	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	60.8	37.8	32.0	64.0	32.9	32.7	84.8	27.1	28.0	47.7	22.6	22.7
LnGrp LOS	E	D	C	E	C	C	F	C	C	D	C	C
Approach Vol, veh/h		724			833			683			319	
Approach Delay, s/veh		39.1			39.7			45.3			25.2	
Approach LOS		D			D			D			C	

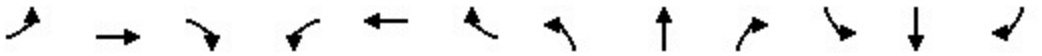
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.2	44.9	15.5	23.4	16.0	35.1	8.8	30.1
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.9	14.2	11.6	15.4	13.2	7.7	5.7	17.0
Green Ext Time (p_c), s	0.0	5.1	0.0	3.0	0.0	3.4	0.1	3.2

Intersection Summary	
HCM 7th Control Delay, s/veh	39.2
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



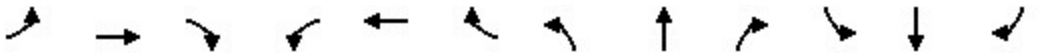
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	134	652	344	90	685	44	203	47	68	37	100	121
Future Volume (veh/h)	134	652	344	90	685	44	203	47	68	37	100	121
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752
Adj Flow Rate, veh/h	154	749	395	103	787	51	144	179	78	43	115	139
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	10	10	10	10	10	10	10	10	10	10	10	10
Cap, veh/h	147	1832	569	111	1659	107	270	283	240	44	116	137
Arrive On Green	0.09	0.38	0.38	0.07	0.36	0.36	0.16	0.16	0.16	0.09	0.09	0.09
Sat Flow, veh/h	1668	4782	1485	1668	4590	296	1668	1752	1485	470	1258	1485
Grp Volume(v), veh/h	154	749	395	103	546	292	144	179	78	158	0	139
Grp Sat Flow(s),veh/h/ln	1668	1594	1485	1668	1594	1698	1668	1752	1485	1728	0	1485
Q Serve(g_s), s	6.1	7.9	15.5	4.2	9.1	9.2	5.5	6.6	3.2	6.3	0.0	6.4
Cycle Q Clear(g_c), s	6.1	7.9	15.5	4.2	9.1	9.2	5.5	6.6	3.2	6.3	0.0	6.4
Prop In Lane	1.00		1.00	1.00		0.17	1.00		1.00	0.27		1.00
Lane Grp Cap(c), veh/h	147	1832	569	111	1152	614	270	283	240	160	0	137
V/C Ratio(X)	1.05	0.41	0.69	0.93	0.47	0.48	0.53	0.63	0.33	0.99	0.00	1.01
Avail Cap(c_a), veh/h	147	1832	569	111	1152	614	772	810	687	160	0	137
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	31.5	15.6	17.9	32.1	17.0	17.0	26.6	27.1	25.7	31.4	0.0	31.4
Incr Delay (d2), s/veh	87.2	0.7	6.9	63.7	1.4	2.6	2.3	3.3	1.1	67.6	0.0	80.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.9	2.7	5.8	3.6	3.2	3.7	2.3	2.9	1.2	5.6	0.0	5.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	118.7	16.3	24.8	95.8	18.4	19.7	28.9	30.4	26.8	98.9	0.0	111.4
LnGrp LOS	F	B	C	F	B	B	C	C	C	F		F
Approach Vol, veh/h		1298			941			401			297	
Approach Delay, s/veh		31.0			27.3			29.2			104.8	
Approach LOS		C			C			C			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		11.0	11.5	30.4		16.3				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.2	17.5		8.4	8.1	11.2		8.6				
Green Ext Time (p_c), s	0.0	7.0		0.0	0.0	8.4		2.6				

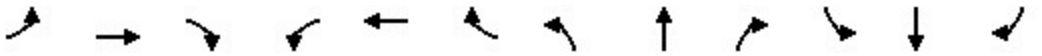
Intersection Summary		
HCM 7th Control Delay, s/veh		37.0
HCM 7th LOS		D

Notes

User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	82	242	72	6	496	37	107	118	12	67	175	197
Future Volume (veh/h)	82	242	72	6	496	37	107	118	12	67	175	197
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	91	269	80	7	551	41	119	131	13	74	194	219
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	113	604	180	12	653	49	229	576	57	456	276	312
Arrive On Green	0.07	0.46	0.46	0.01	0.40	0.40	0.36	0.36	0.36	0.36	0.36	0.36
Sat Flow, veh/h	1697	1319	392	1697	1638	122	927	1595	158	1185	764	862
Grp Volume(v), veh/h	91	0	349	7	0	592	119	0	144	74	0	413
Grp Sat Flow(s),veh/h/ln	1697	0	1711	1697	0	1760	927	0	1753	1185	0	1626
Q Serve(g_s), s	4.0	0.0	10.4	0.3	0.0	22.9	9.5	0.0	4.3	3.5	0.0	16.3
Cycle Q Clear(g_c), s	4.0	0.0	10.4	0.3	0.0	22.9	25.8	0.0	4.3	7.8	0.0	16.3
Prop In Lane	1.00		0.23	1.00		0.07	1.00		0.09	1.00		0.53
Lane Grp Cap(c), veh/h	113	0	784	12	0	701	229	0	633	456	0	588
V/C Ratio(X)	0.80	0.00	0.45	0.57	0.00	0.84	0.52	0.00	0.23	0.16	0.00	0.70
Avail Cap(c_a), veh/h	113	0	784	90	0	701	229	0	633	456	0	588
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	34.5	0.0	13.8	37.1	0.0	20.4	31.5	0.0	16.7	19.4	0.0	20.5
Incr Delay (d2), s/veh	34.4	0.0	1.8	48.0	0.0	11.9	2.8	0.0	0.3	0.2	0.0	4.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	0.0	4.1	0.3	0.0	10.9	2.2	0.0	1.7	0.9	0.0	6.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	68.9	0.0	15.7	85.1	0.0	32.3	34.3	0.0	16.9	19.6	0.0	24.6
LnGrp LOS	E		B	F		C	C		B	B		C
Approach Vol, veh/h		440			599			263			487	
Approach Delay, s/veh		26.7			32.9			24.8			23.9	
Approach LOS		C			C			C			C	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	38.9		31.6	9.0	34.4		31.6				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	30.9		27.1	5.0	29.9		27.1				
Max Q Clear Time (g_c+I1), s	2.3	12.4		27.8	6.0	24.9		18.3				
Green Ext Time (p_c), s	0.0	2.8		0.0	0.0	2.2		2.6				
Intersection Summary												
HCM 7th Control Delay, s/veh			27.7									
HCM 7th LOS			C									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	179	379	142	191	834	140	197	589	172	145	413	140
Future Volume (veh/h)	179	379	142	191	834	140	197	589	172	145	413	140
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	186	395	148	199	869	146	205	614	0	151	430	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	291	1013	452	267	988	441	277	1276		217	1746	
Arrive On Green	0.09	0.29	0.29	0.08	0.28	0.28	0.08	0.36	0.00	0.06	0.35	0.00
Sat Flow, veh/h	3401	3497	1560	3401	3497	1560	3401	3497	1560	3401	5025	1560
Grp Volume(v), veh/h	186	395	148	199	869	146	205	614	0	151	430	0
Grp Sat Flow(s),veh/h/ln	1700	1749	1560	1700	1749	1560	1700	1749	1560	1700	1675	1560
Q Serve(g_s), s	4.9	8.4	6.9	5.3	22.0	6.9	5.5	12.5	0.0	4.0	5.7	0.0
Cycle Q Clear(g_c), s	4.9	8.4	6.9	5.3	22.0	6.9	5.5	12.5	0.0	4.0	5.7	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	291	1013	452	267	988	441	277	1276		217	1746	
V/C Ratio(X)	0.64	0.39	0.33	0.75	0.88	0.33	0.74	0.48		0.69	0.25	
Avail Cap(c_a), veh/h	294	1095	488	272	1057	472	345	1276		235	1746	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	41.0	26.3	25.8	41.8	31.7	26.3	41.6	22.7	0.0	42.5	21.6	0.0
Incr Delay (d2), s/veh	4.5	0.2	0.4	10.5	8.3	0.4	6.4	1.3	0.0	7.8	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	3.4	2.5	2.5	9.9	2.5	2.5	5.2	0.0	1.9	2.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	45.5	26.6	26.2	52.3	40.0	26.7	48.0	24.0	0.0	50.3	21.9	0.0
LnGrp LOS	D	C	C	D	D	C	D	C		D	C	
Approach Vol, veh/h		729			1214			819			581	
Approach Delay, s/veh		31.3			40.4			30.0			29.3	
Approach LOS		C			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.5	38.4	11.9	31.8	12.1	36.8	12.5	31.2
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	6.4	33.8	7.4	*29	9.4	30.8	8.0	28.0
Max Q Clear Time (g_c+I1), s	6.0	14.5	7.3	10.4	7.5	7.7	6.9	24.0
Green Ext Time (p_c), s	0.0	3.9	0.0	2.8	0.1	2.8	0.1	2.2

Intersection Summary	
HCM 7th Control Delay, s/veh	33.9
HCM 7th LOS	C

Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	11	149	3	3	3	217	719	25	7	206	26
Future Volume (vph)	13	11	149	3	3	3	217	719	25	7	206	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.96		1.00	1.00		1.00	0.98	
Flt Protected		0.97	1.00		0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1745	1524		1684		1703	1784		1703	1762	
Flt Permitted		0.85	1.00		0.92		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1530	1524		1571		1703	1784		1703	1762	
Peak-hour factor, PHF	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Adj. Flow (vph)	14	12	164	3	3	3	238	790	27	8	226	29
RTOR Reduction (vph)	0	0	144	0	3	0	0	1	0	0	4	0
Lane Group Flow (vph)	0	26	20	0	6	0	238	816	0	8	251	0
Heavy Vehicles (%)	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Effective Green, g (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Actuated g/C Ratio		0.12	0.12		0.12		0.22	0.65		0.02	0.46	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		183	182		188		368	1168		28	801	
v/s Ratio Prot							c0.14	c0.46		0.00	0.14	
v/s Ratio Perm		c0.02	0.01		0.00							
v/c Ratio		0.14	0.11		0.03		0.65	0.70		0.29	0.31	
Uniform Delay, d1		23.6	23.5		23.3		21.4	6.6		29.1	10.4	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.4	0.3		0.1		3.9	3.5		5.6	1.0	
Delay (s)		24.0	23.8		23.4		25.3	10.1		34.7	11.4	
Level of Service		C	C		C		C	B		C	B	
Approach Delay (s/veh)		23.8			23.4			13.5			12.1	
Approach LOS		C			C			B			B	

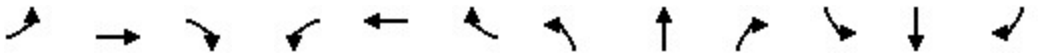
Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	12.5
Intersection Capacity Utilization	58.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	58	439	97	151	520	12	174	199	187	27	186	48
Future Volume (vph)	58	439	97	151	520	12	174	199	187	27	186	48
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85	1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1671	3343	1495	1671	3331		1588	1665	1495	3242	3239	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1671	3343	1495	1671	3331		1588	1631	1495	3242	3239	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	71	535	118	184	634	15	212	243	228	33	227	59
RTOR Reduction (vph)	0	0	90	0	2	0	0	0	138	0	25	0
Lane Group Flow (vph)	71	535	28	184	647	0	191	264	90	33	261	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.3	21.2	21.2	11.9	25.4		12.8	43.3	35.7	3.6	26.5	
Effective Green, g (s)	7.3	21.2	21.2	11.9	25.4		12.8	43.3	35.7	3.6	26.5	
Actuated g/C Ratio	0.08	0.24	0.24	0.13	0.28		0.14	0.48	0.40	0.04	0.29	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	135	787	352	220	940		225	789	593	129	953	
v/s Ratio Prot	0.04	0.16		c0.11	c0.19		c0.12	0.05		0.01	0.08	
v/s Ratio Perm			0.02					c0.11	0.06			
v/c Ratio	0.53	0.68	0.08	0.84	0.69		0.85	0.33	0.15	0.26	0.27	
Uniform Delay, d1	39.7	31.3	26.8	38.1	28.8		37.7	14.4	17.4	41.9	24.4	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	4.7	2.6	0.1	24.0	2.3		23.7	0.1	0.5	1.4	0.4	
Delay (s)	44.4	33.9	26.9	62.1	31.1		61.4	14.5	18.0	43.3	24.8	
Level of Service	D	C	C	E	C		E	B	B	D	C	
Approach Delay (s/veh)		33.8			37.9			28.8			26.7	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	32.9	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	53.1%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

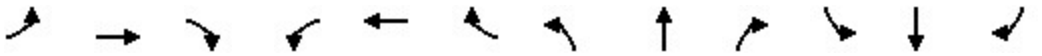
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	134	652	344	90	685	44	203	47	68	37	100	121
Future Volume (vph)	134	652	344	90	685	44	203	47	68	37	100	121
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (prot)	1641	4715	1468	1641	4672		1559	1591	1468		1704	1468
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (perm)	1641	4715	1468	1641	4672		1559	1591	1468		1704	1468
Peak-hour factor, PHF	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Adj. Flow (vph)	154	749	395	103	787	51	233	54	78	43	115	139
RTOR Reduction (vph)	0	0	247	0	7	0	0	0	64	0	0	127
Lane Group Flow (vph)	154	749	148	103	831	0	142	145	14	0	158	12
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.1	13.1	13.1		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.1	13.1	13.1		6.4	6.4
Actuated g/C Ratio	0.09	0.37	0.37	0.06	0.35		0.18	0.18	0.18		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	140	1761	548	106	1647		286	292	270		153	131
v/s Ratio Prot	c0.09	0.16		0.06	c0.18		0.09	c0.09			c0.09	
v/s Ratio Perm			0.10						0.01			0.01
v/c Ratio	1.10	0.43	0.27	0.97	0.50		0.50	0.50	0.05		1.03	0.10
Uniform Delay, d1	32.6	16.6	15.5	33.2	18.2		26.1	26.1	23.9		32.4	29.7
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	105.4	0.8	1.2	78.2	1.1		1.8	1.8	0.1		81.7	0.4
Delay (s)	137.9	17.4	16.7	111.4	19.3		27.9	27.9	24.1		114.1	30.2
Level of Service	F	B	B	F	B		C	C	C		F	C
Approach Delay (s/veh)		31.5			29.4			27.1			74.8	
Approach LOS		C			C			C			E	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.7	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	71.2	Sum of lost time (s)	20.5
Intersection Capacity Utilization	48.4%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



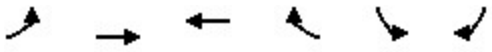
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	82	242	72	6	496	37	107	118	12	67	175	197
Future Volume (vph)	82	242	72	6	496	37	107	118	12	67	175	197
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	0.99		1.00	0.92	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1671	1699		1671	1741		1671	1735		1671	1619	
Flt Permitted	0.95	1.00		0.95	1.00		0.24	1.00		0.67	1.00	
Satd. Flow (perm)	1671	1699		1671	1741		416	1735		1170	1619	
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	91	269	80	7	551	41	119	131	13	74	194	219
RTOR Reduction (vph)	0	11	0	0	3	0	0	5	0	0	61	0
Lane Group Flow (vph)	91	338	0	7	589	0	119	139	0	74	352	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.0	37.7		0.7	33.4		19.8	19.8		19.8	19.8	
Effective Green, g (s)	5.0	37.7		0.7	33.4		19.8	19.8		19.8	19.8	
Actuated g/C Ratio	0.07	0.53		0.01	0.47		0.28	0.28		0.28	0.28	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	117	899		16	816		115	482		325	450	
v/s Ratio Prot	c0.05	0.20		0.00	c0.34			0.08			0.22	
v/s Ratio Perm							c0.29			0.06		
v/c Ratio	0.78	0.38		0.44	0.72		1.03	0.29		0.23	0.78	
Uniform Delay, d1	32.6	9.8		35.1	15.2		25.7	20.2		19.8	23.7	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	28.4	1.2		24.0	5.5		93.6	0.5		0.5	9.1	
Delay (s)	61.0	11.0		59.0	20.6		119.3	20.6		20.3	32.8	
Level of Service	E	B		E	C		F	C		C	C	
Approach Delay (s/veh)		21.4			21.1			65.3			30.9	
Approach LOS		C			C			E			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	30.3	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	71.2	Sum of lost time (s)	13.0
Intersection Capacity Utilization	74.7%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	179	379	142	191	834	140	197	589	172	145	413	140
Future Volume (vph)	179	379	142	191	834	140	197	589	172	145	413	140
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	186	395	148	199	869	146	205	614	179	151	430	146
RTOR Reduction (vph)	0	0	104	0	0	89	0	0	114	0	0	98
Lane Group Flow (vph)	186	395	44	199	869	57	205	614	65	151	430	48
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	27.9	27.9	7.4	26.9	26.9	9.1	33.9	33.9	6.4	31.2	31.2
Effective Green, g (s)	8.0	27.9	27.9	7.4	26.9	26.9	9.1	33.9	33.9	6.4	31.2	31.2
Actuated g/C Ratio	0.09	0.30	0.30	0.08	0.29	0.29	0.10	0.36	0.36	0.07	0.33	0.33
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	286	1030	460	265	993	444	325	1251	560	229	1655	515
v/s Ratio Prot	0.06	0.11		c0.06	c0.25		c0.06	c0.18		0.04	0.09	
v/s Ratio Perm			0.03			0.04			0.04			0.03
v/c Ratio	0.65	0.38	0.10	0.75	0.88	0.13	0.63	0.49	0.12	0.66	0.26	0.09
Uniform Delay, d1	41.6	26.2	23.9	42.4	32.0	24.9	40.8	23.3	20.0	42.7	23.0	21.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	5.2	0.2	0.1	11.3	8.7	0.1	4.0	1.4	0.4	6.7	0.4	0.4
Delay (s)	46.9	26.5	24.0	53.7	40.7	25.0	44.8	24.7	20.5	49.4	23.3	22.0
Level of Service	D	C	C	D	D	C	D	C	C	D	C	C
Approach Delay (s/veh)		31.2			40.9			28.1			28.5	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	33.0	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.68		
Actuated Cycle Length (s)	94.0	Sum of lost time (s)	18.8
Intersection Capacity Utilization	65.8%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	509	675	723	353	0	709
Future Volume (vph)	509	675	723	353	0	709
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1641	3282	3282	1468		1494
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1641	3282	3282	1468		1494
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	541	718	769	376	0	754
RTOR Reduction (vph)	0	0	0	201	0	21
Lane Group Flow (vph)	541	718	769	175	0	733
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	42.5	80.0	27.7	27.7		42.5
Effective Green, g (s)	42.5	80.0	27.7	27.7		42.5
Actuated g/C Ratio	0.53	1.00	0.35	0.35		0.53
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	871	3282	1136	508		793
v/s Ratio Prot	0.33	0.22	c0.23			
v/s Ratio Perm				0.12		c0.49
v/c Ratio	0.62	0.22	0.68	0.35		0.92
Uniform Delay, d1	13.1	0.0	22.3	19.4		17.3
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	1.4	0.2	3.2	1.9		16.3
Delay (s)	14.5	0.2	25.6	21.3		33.6
Level of Service	B	A	C	C		C
Approach Delay (s/veh)		6.3	24.2		33.6	
Approach LOS		A	C		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	19.3	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	80.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	72.1%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	707	565	311	1120	0	0	0	455	0	0	684
Future Volume (vph)	0	707	565	311	1120	0	0	0	455	0	0	684
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3282	2584	3183	3282				2584			2584
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3282	2584	3183	3282				2584			2584
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	0	729	582	321	1155	0	0	0	469	0	0	705
RTOR Reduction (vph)	0	0	96	0	0	0	0	0	345	0	0	89
Lane Group Flow (vph)	0	729	486	321	1155	0	0	0	124	0	0	616
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	39.7				15.0			20.4
Effective Green, g (s)		45.1	45.1	15.0	39.7				15.0			20.4
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2117	1667	683	1864				554			754
v/s Ratio Prot		0.22		0.10	c0.35							
v/s Ratio Perm			0.19						0.05			c0.24
v/c Ratio		0.34	0.29	0.47	0.62				0.22			0.82
Uniform Delay, d1		5.7	5.4	24.0	10.1				22.6			23.0
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.4	0.4	0.5	1.6				0.2			6.9
Delay (s)		6.1	5.9	24.5	11.6				22.9			29.9
Level of Service		A	A	C	B				C			C
Approach Delay (s/veh)		6.0			14.4			22.9			29.9	
Approach LOS		A			B			C			C	

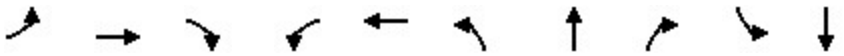
Intersection Summary			
HCM 2000 Control Delay (s/veh)	15.4	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.69		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	63.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	26	164	9	238	817	8	255
v/c Ratio	0.13	0.49	0.05	0.61	0.66	0.05	0.34
Control Delay (s/veh)	24.8	10.4	20.4	26.8	10.2	26.6	13.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.8	10.4	20.4	26.8	10.2	26.6	13.7
Queue Length 50th (ft)	8	0	2	69	92	2	51
Queue Length 95th (ft)	29	46	13	141	#468	15	128
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	668	758	688	598	1237	169	750
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.22	0.01	0.40	0.66	0.05	0.34

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

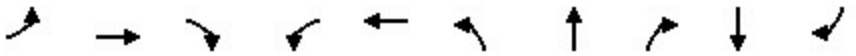


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	71	535	118	184	649	191	264	228	33	286
v/c Ratio	0.45	0.71	0.25	0.83	0.69	0.85	1.21	0.30	0.15	0.28
Control Delay (s/veh)	47.6	37.5	2.9	69.2	33.4	70.5	164.8	4.1	41.4	22.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	47.6	37.5	2.9	69.2	33.4	70.5	164.8	4.1	41.4	22.4
Queue Length 50th (ft)	38	145	0	103	175	111	~187	0	9	57
Queue Length 95th (ft)	73	175	8	#186	206	#212	#318	34	22	82
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	170	854	508	222	982	227	219	765	224	1007
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.63	0.23	0.83	0.66	0.84	1.21	0.30	0.15	0.28

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

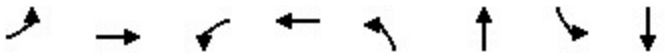


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	154	749	395	103	838	142	145	78	158	139
v/c Ratio	1.10	0.43	0.50	0.97	0.51	0.50	0.50	0.20	1.03	0.51
Control Delay (s/veh)	141.5	18.2	4.6	121.8	19.9	32.0	31.9	1.4	120.0	12.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	141.5	18.2	4.6	121.8	19.9	32.0	31.9	1.4	120.0	12.1
Queue Length 50th (ft)	~77	86	0	46	101	58	61	0	~72	0
Queue Length 95th (ft)	#194	130	49	#143	150	107	109	2	#193	38
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	140	1758	795	106	1651	702	717	743	153	274
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.10	0.43	0.50	0.97	0.51	0.20	0.20	0.10	1.03	0.51

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

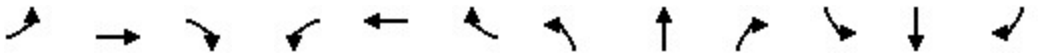
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	91	349	7	592	119	144	74	413
v/c Ratio	0.74	0.37	0.07	0.76	0.98	0.28	0.22	0.78
Control Delay (s/veh)	70.0	11.4	34.7	26.0	107.1	18.5	19.1	27.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	70.0	11.4	34.7	26.0	107.1	18.5	19.1	27.8
Queue Length 50th (ft)	38	65	3	198	49	43	23	124
Queue Length 95th (ft)	#123	180	15	#428	#142	84	52	220
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	123	952	98	774	166	699	469	699
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.74	0.37	0.07	0.76	0.72	0.21	0.16	0.59

Intersection Summary

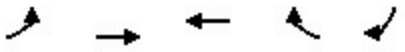
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	186	395	148	199	869	146	205	614	179	151	430	146
v/c Ratio	0.65	0.38	0.26	0.75	0.87	0.27	0.63	0.49	0.27	0.66	0.26	0.24
Control Delay (s/veh)	53.4	27.4	5.6	61.4	43.0	8.2	50.3	25.3	4.5	57.8	23.8	5.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	53.4	27.4	5.6	61.4	43.0	8.2	50.3	25.3	4.5	57.8	23.8	5.2
Queue Length 50th (ft)	57	97	0	61	258	10	62	150	0	46	69	0
Queue Length 95th (ft)	#97	138	43	#115	#358	54	98	203	43	#87	96	41
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	286	1072	581	265	1035	550	337	1249	673	229	1654	612
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.65	0.37	0.25	0.75	0.84	0.27	0.61	0.49	0.27	0.66	0.26	0.24

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	541	718	769	376	754
v/c Ratio	0.62	0.22	0.68	0.53	0.93
Control Delay (s/veh)	16.5	0.2	26.6	7.9	35.5
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	16.5	0.2	26.6	7.9	35.5
Queue Length 50th (ft)	167	0	176	24	292
Queue Length 95th (ft)	264	0	241	97	#549
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	908	3282	1137	709	847
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.60	0.22	0.68	0.53	0.89

Intersection Summary

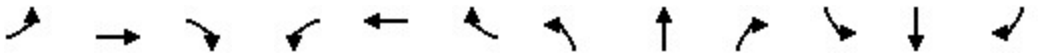
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	729	582	321	1155	469	705
v/c Ratio	0.34	0.33	0.47	0.62	0.52	0.84
Control Delay (s/veh)	6.2	3.3	26.6	12.0	5.9	29.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	6.2	3.3	26.6	12.0	5.9	29.8
Queue Length 50th (ft)	64	26	62	160	5	132
Queue Length 95th (ft)	91	47	98	218	44	#231
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2117	1763	686	1863	901	852
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.34	0.33	0.47	0.62	0.52	0.83

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	45	6	422	23	2	8	104	358	3	5	482	21
Future Volume (veh/h)	45	6	422	23	2	8	104	358	3	5	482	21
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	48	6	454	25	2	9	112	385	3	5	518	23
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	516	58	505	317	36	86	143	867	7	9	698	31
Arrive On Green	0.32	0.32	0.32	0.32	0.32	0.32	0.08	0.48	0.48	0.01	0.40	0.40
Sat Flow, veh/h	1265	180	1560	685	111	265	1753	1824	14	1753	1749	78
Grp Volume(v), veh/h	54	0	454	36	0	0	112	0	388	5	0	541
Grp Sat Flow(s),veh/h/ln	1445	0	1560	1061	0	0	1753	0	1838	1753	0	1827
Q Serve(g_s), s	0.0	0.0	17.7	0.1	0.0	0.0	4.0	0.0	9.0	0.2	0.0	16.2
Cycle Q Clear(g_c), s	1.4	0.0	17.7	1.4	0.0	0.0	4.0	0.0	9.0	0.2	0.0	16.2
Prop In Lane	0.89		1.00	0.69		0.25	1.00		0.01	1.00		0.04
Lane Grp Cap(c), veh/h	574	0	505	439	0	0	143	0	874	9	0	729
V/C Ratio(X)	0.09	0.00	0.90	0.08	0.00	0.00	0.78	0.00	0.44	0.54	0.00	0.74
Avail Cap(c_a), veh/h	661	0	601	504	0	0	203	0	874	151	0	729
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	15.1	0.0	20.6	14.9	0.0	0.0	28.8	0.0	11.2	31.7	0.0	16.4
Incr Delay (d2), s/veh	0.1	0.0	14.8	0.1	0.0	0.0	12.1	0.0	1.6	40.5	0.0	6.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	8.0	0.4	0.0	0.0	2.1	0.0	3.4	0.2	0.0	7.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	15.1	0.0	35.4	15.0	0.0	0.0	40.8	0.0	12.8	72.2	0.0	23.1
LnGrp LOS	B		D	B			D		B	E		C
Approach Vol, veh/h		508			36			500			546	
Approach Delay, s/veh		33.2			15.0			19.1			23.6	
Approach LOS		C			B			B			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.3	34.9		24.7	9.2	30.0		24.7				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.5	27.4		24.6	7.4	25.5		24.6				
Max Q Clear Time (g_c+I1), s	2.2	11.0		19.7	6.0	18.2		3.4				
Green Ext Time (p_c), s	0.0	2.0		1.0	0.0	2.0		0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			25.0									
HCM 7th LOS			C									

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	94	754	66	94	483	20	152	213	221	26	153	91
Future Volume (veh/h)	94	754	66	94	483	20	152	213	221	26	153	91
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	99	794	69	99	508	21	160	224	233	27	161	96
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	126	882	393	127	865	36	195	846	717	75	797	451
Arrive On Green	0.07	0.25	0.25	0.07	0.25	0.25	0.04	0.15	0.15	0.02	0.37	0.37
Sat Flow, veh/h	1767	3526	1572	1767	3450	142	1767	1856	1572	3428	2171	1227
Grp Volume(v), veh/h	99	794	69	99	259	270	160	224	233	27	129	128
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1830	1767	1856	1572	1714	1763	1635
Q Serve(g_s), s	5.0	19.6	3.1	5.0	11.6	11.7	8.1	9.6	11.9	0.7	4.5	4.8
Cycle Q Clear(g_c), s	5.0	19.6	3.1	5.0	11.6	11.7	8.1	9.6	11.9	0.7	4.5	4.8
Prop In Lane	1.00		1.00	1.00		0.08	1.00		1.00	1.00		0.75
Lane Grp Cap(c), veh/h	126	882	393	127	442	459	195	846	717	75	647	600
V/C Ratio(X)	0.78	0.90	0.18	0.78	0.59	0.59	0.82	0.26	0.32	0.36	0.20	0.21
Avail Cap(c_a), veh/h	181	901	402	236	497	516	236	846	717	210	647	600
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.1	32.7	26.5	41.0	29.6	29.6	42.5	24.9	25.9	43.4	19.4	19.5
Incr Delay (d2), s/veh	16.6	12.2	0.3	13.4	1.9	1.9	14.5	0.8	1.2	4.1	0.5	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	9.5	1.2	2.6	5.0	5.2	4.5	4.7	5.2	0.3	1.9	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	57.7	44.8	26.8	54.4	31.5	31.5	57.0	25.6	27.1	47.5	20.0	20.2
LnGrp LOS	E	D	C	D	C	C	E	C	C	D	B	C
Approach Vol, veh/h		962			628			617			284	
Approach Delay, s/veh		44.8			35.1			34.3			22.7	
Approach LOS		D			D			C			C	

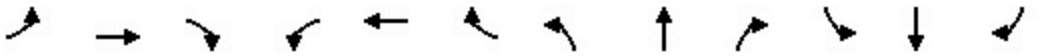
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.0	46.0	10.5	27.5	13.9	38.1	10.4	27.6
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.7	13.9	7.0	21.6	10.1	6.8	7.0	13.7
Green Ext Time (p_c), s	0.0	4.9	0.1	0.9	0.0	3.1	0.1	3.2

Intersection Summary	
HCM 7th Control Delay, s/veh	37.3
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



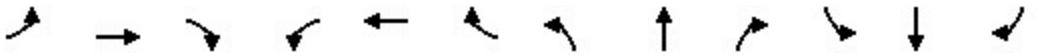
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	175	891	295	152	625	13	259	33	123	16	84	61
Future Volume (veh/h)	175	891	295	152	625	13	259	33	123	16	84	61
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	186	948	314	162	665	14	301	0	131	17	89	65
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	158	1965	610	119	1869	39	510	0	227	25	130	132
Arrive On Green	0.09	0.39	0.39	0.07	0.37	0.37	0.15	0.00	0.15	0.09	0.09	0.09
Sat Flow, veh/h	1739	4985	1547	1739	5024	106	3478	0	1547	291	1521	1547
Grp Volume(v), veh/h	186	948	314	162	439	240	301	0	131	106	0	65
Grp Sat Flow(s),veh/h/ln	1739	1662	1547	1739	1662	1807	1739	0	1547	1811	0	1547
Q Serve(g_s), s	6.1	9.6	10.4	4.6	6.4	6.5	5.4	0.0	5.3	3.8	0.0	2.7
Cycle Q Clear(g_c), s	6.1	9.6	10.4	4.6	6.4	6.5	5.4	0.0	5.3	3.8	0.0	2.7
Prop In Lane	1.00		1.00	1.00		0.06	1.00		1.00	0.16		1.00
Lane Grp Cap(c), veh/h	158	1965	610	119	1236	672	510	0	227	155	0	132
V/C Ratio(X)	1.18	0.48	0.51	1.36	0.36	0.36	0.59	0.00	0.58	0.68	0.00	0.49
Avail Cap(c_a), veh/h	158	1965	610	119	1236	672	1656	0	737	172	0	147
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	30.6	15.2	15.5	31.3	15.3	15.3	26.8	0.0	26.7	29.8	0.0	29.3
Incr Delay (d2), s/veh	127.7	0.9	3.1	207.2	0.8	1.5	1.6	0.0	3.3	10.9	0.0	4.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.0	3.4	3.8	8.7	2.3	2.7	2.3	0.0	2.1	2.1	0.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	158.2	16.1	18.6	238.5	16.1	16.8	28.3	0.0	30.0	40.7	0.0	33.3
LnGrp LOS	F	B	B	F	B	B	C		C	D		C
Approach Vol, veh/h		1448			841			432			171	
Approach Delay, s/veh		34.9			59.1			28.8			37.9	
Approach LOS		C			E			C			D	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		10.4	11.5	30.4		15.0				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.6	12.4		5.8	8.1	8.5		7.4				
Green Ext Time (p_c), s	0.0	11.0		0.1	0.0	7.9		2.4				

Intersection Summary		
HCM 7th Control Delay, s/veh	41.2	
HCM 7th LOS	D	

Notes

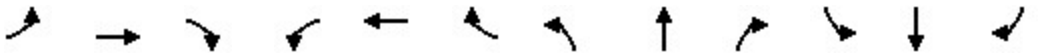
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	354	179	2	209	42	54	82	7	35	236	150
Future Volume (veh/h)	110	354	179	2	209	42	54	82	7	35	236	150
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	120	385	195	2	227	46	59	89	8	38	257	163
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	153	539	273	4	568	115	199	509	46	462	322	204
Arrive On Green	0.09	0.47	0.47	0.00	0.39	0.39	0.31	0.31	0.31	0.31	0.31	0.31
Sat Flow, veh/h	1739	1143	579	1739	1474	299	944	1651	148	1268	1044	662
Grp Volume(v), veh/h	120	0	580	2	0	273	59	0	97	38	0	420
Grp Sat Flow(s),veh/h/ln	1739	0	1722	1739	0	1772	944	0	1799	1268	0	1707
Q Serve(g_s), s	4.0	0.0	16.0	0.1	0.0	6.7	3.6	0.0	2.4	1.3	0.0	13.5
Cycle Q Clear(g_c), s	4.0	0.0	16.0	0.1	0.0	6.7	17.1	0.0	2.4	3.7	0.0	13.5
Prop In Lane	1.00		0.34	1.00		0.17	1.00		0.08	1.00		0.39
Lane Grp Cap(c), veh/h	153	0	811	4	0	683	199	0	555	462	0	527
V/C Ratio(X)	0.79	0.00	0.71	0.53	0.00	0.40	0.30	0.00	0.17	0.08	0.00	0.80
Avail Cap(c_a), veh/h	204	0	811	117	0	683	335	0	814	645	0	773
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.7	0.0	12.6	29.7	0.0	13.3	26.8	0.0	15.1	16.4	0.0	18.9
Incr Delay (d2), s/veh	15.9	0.0	5.3	107.6	0.0	1.7	1.2	0.0	0.2	0.1	0.0	4.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	0.0	6.3	0.1	0.0	2.7	0.8	0.0	0.9	0.4	0.0	5.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.6	0.0	17.9	137.3	0.0	15.0	27.9	0.0	15.3	16.5	0.0	23.6
LnGrp LOS	D		B	F		B	C		B	B		C
Approach Vol, veh/h		700			275			156			458	
Approach Delay, s/veh		22.1			15.9			20.1			23.0	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.1	32.6		22.9	9.2	27.5		22.9				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	26.0		27.0	7.0	23.0		27.0				
Max Q Clear Time (g_c+I1), s	2.1	18.0		19.1	6.0	8.7		15.5				
Green Ext Time (p_c), s	0.0	3.1		0.6	0.0	1.8		3.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			21.1									
HCM 7th LOS			C									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	133	652	217	165	511	159	181	410	191	287	554	142
Future Volume (veh/h)	133	652	217	165	511	159	181	410	191	287	554	142
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	139	679	226	172	532	166	189	427	0	299	577	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	307	885	395	245	821	366	264	1344		295	1977	
Arrive On Green	0.09	0.25	0.25	0.07	0.23	0.23	0.08	0.38	0.00	0.09	0.39	0.00
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	3456	3554	1585	3456	5106	1585
Grp Volume(v), veh/h	139	679	226	172	532	166	189	427	0	299	577	0
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1728	1777	1585	1728	1702	1585
Q Serve(g_s), s	3.3	15.4	10.8	4.2	11.7	7.8	4.6	7.4	0.0	7.4	6.8	0.0
Cycle Q Clear(g_c), s	3.3	15.4	10.8	4.2	11.7	7.8	4.6	7.4	0.0	7.4	6.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	307	885	395	245	821	366	264	1344		295	1977	
V/C Ratio(X)	0.45	0.77	0.57	0.70	0.65	0.45	0.72	0.32		1.01	0.29	
Avail Cap(c_a), veh/h	319	1208	539	275	1147	512	299	1344		295	1977	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	37.5	30.2	28.5	39.4	30.2	28.7	39.2	19.1	0.0	39.7	18.4	0.0
Incr Delay (d2), s/veh	1.0	2.1	1.3	6.8	0.9	0.9	7.0	0.6	0.0	56.1	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	6.5	4.0	2.0	4.9	2.9	2.2	3.0	0.0	5.3	2.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.5	32.3	29.8	46.2	31.0	29.5	46.1	19.7	0.0	95.8	18.7	0.0
LnGrp LOS	D	C	C	D	C	C	D	B		F	B	
Approach Vol, veh/h		1044			870			616			876	
Approach Delay, s/veh		32.6			33.7			27.8			45.0	
Approach LOS		C			C			C			D	

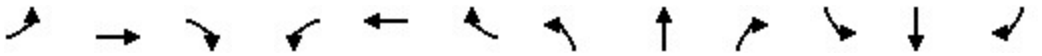
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	37.4	10.8	26.6	11.2	38.2	12.3	25.0
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	7.4	32.8	6.9	*30	7.5	32.7	8.0	28.0
Max Q Clear Time (g_c+I1), s	9.4	9.4	6.2	17.4	6.6	8.8	5.3	13.7
Green Ext Time (p_c), s	0.0	2.7	0.0	4.2	0.1	3.9	0.1	3.3

Intersection Summary	
HCM 7th Control Delay, s/veh	35.2
HCM 7th LOS	D

Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	45	6	422	23	2	8	104	358	3	5	482	21
Future Volume (vph)	45	6	422	23	2	8	104	358	3	5	482	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.97		1.00	1.00		1.00	0.99	
Flt Protected		0.96	1.00		0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1749	1553		1706		1736	1825		1736	1815	
Flt Permitted		0.77	1.00		0.83		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1399	1553		1462		1736	1825		1736	1815	
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	48	6	454	25	2	9	112	385	3	5	518	23
RTOR Reduction (vph)	0	0	263	0	7	0	0	0	0	0	2	0
Lane Group Flow (vph)	0	54	191	0	29	0	112	388	0	5	539	0
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		12.4	12.4		12.4		5.6	33.9		0.9	29.2	
Effective Green, g (s)		12.4	12.4		12.4		5.6	33.9		0.9	29.2	
Actuated g/C Ratio		0.21	0.21		0.21		0.09	0.57		0.02	0.49	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		290	322		303		162	1036		26	887	
v/s Ratio Prot							c0.06	0.21		0.00	c0.30	
v/s Ratio Perm		0.04	c0.12		0.02							
v/c Ratio		0.19	0.59		0.10		0.69	0.37		0.19	0.61	
Uniform Delay, d1		19.5	21.4		19.1		26.2	7.1		29.0	11.1	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.3	2.9		0.1		12.0	1.0		3.6	3.1	
Delay (s)		19.8	24.3		19.3		38.2	8.1		32.6	14.2	
Level of Service		B	C		B		D	A		C	B	
Approach Delay (s/veh)		23.8			19.3			14.9			14.3	
Approach LOS		C			B			B			B	

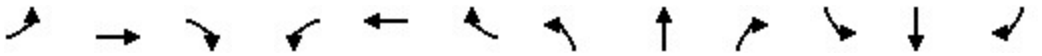
Intersection Summary			
HCM 2000 Control Delay (s/veh)	17.6	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.61		
Actuated Cycle Length (s)	59.7	Sum of lost time (s)	12.5
Intersection Capacity Utilization	66.5%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	94	754	66	94	483	20	152	213	221	26	153	91
Future Volume (vph)	94	754	66	94	483	20	152	213	221	26	153	91
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.94	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1752	3505	1568	1752	3484		1665	1747	1568	3400	3308	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1752	3505	1568	1752	3484		1665	1722	1568	3400	3308	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	99	794	69	99	508	21	160	224	233	27	161	96
RTOR Reduction (vph)	0	0	51	0	4	0	0	0	135	0	65	0
Lane Group Flow (vph)	99	794	18	99	525	0	144	240	98	27	192	0
Heavy Vehicles (%)	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.4	23.3	23.3	9.0	24.5		10.7	44.1	37.9	2.2	29.4	
Effective Green, g (s)	7.4	23.3	23.3	9.0	24.5		10.7	44.1	37.9	2.2	29.4	
Actuated g/C Ratio	0.08	0.26	0.26	0.10	0.27		0.12	0.49	0.42	0.02	0.33	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	144	907	405	175	948		197	846	660	83	1080	
v/s Ratio Prot	c0.06	c0.23		0.06	0.15		c0.09	0.03		0.01	0.06	
v/s Ratio Perm			0.01					c0.11	0.06			
v/c Ratio	0.69	0.88	0.04	0.57	0.55		0.73	0.28	0.15	0.33	0.18	
Uniform Delay, d1	40.2	32.0	25.0	38.6	28.1		38.3	13.6	16.1	43.2	21.7	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	13.8	9.7	0.1	5.0	0.9		11.3	0.1	0.5	3.1	0.2	
Delay (s)	54.0	41.7	25.1	43.7	28.9		49.6	13.7	16.6	46.3	21.9	
Level of Service	D	D	C	D	C		D	B	B	D	C	
Approach Delay (s/veh)		41.8			31.3			23.1			24.2	
Approach LOS		D			C			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	32.5	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.59		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	59.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

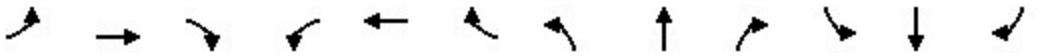
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	175	891	295	152	625	13	259	33	123	16	84	61
Future Volume (vph)	175	891	295	152	625	13	259	33	123	16	84	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (prot)	1719	4940	1538	1719	4925		1633	1655	1538		1795	1538
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (perm)	1719	4940	1538	1719	4925		1633	1655	1538		1795	1538
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	186	948	314	162	665	14	276	35	131	17	89	65
RTOR Reduction (vph)	0	0	198	0	2	0	0	0	106	0	0	59
Lane Group Flow (vph)	186	948	116	162	677	0	155	156	25	0	106	6
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.9	13.9	13.9		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.9	13.9	13.9		6.4	6.4
Actuated g/C Ratio	0.08	0.37	0.37	0.06	0.35		0.19	0.19	0.19		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	145	1825	568	109	1716		315	319	296		159	136
v/s Ratio Prot	c0.11	c0.19		0.09	0.14		c0.09	0.09			c0.06	
v/s Ratio Perm			0.08						0.02			0.00
v/c Ratio	1.28	0.52	0.20	1.49	0.39		0.49	0.49	0.09		0.67	0.04
Uniform Delay, d1	32.9	17.7	15.5	33.7	17.7		25.9	25.9	23.8		31.8	30.0
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	169.5	1.1	0.8	261.1	0.7		1.6	1.6	0.2		11.1	0.2
Delay (s)	202.5	18.8	16.3	294.8	18.4		27.6	27.5	24.0		42.8	30.2
Level of Service	F	B	B	F	B		C	C	C		D	C
Approach Delay (s/veh)		41.8			71.6			26.5			38.0	
Approach LOS		D			E			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	47.9	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.63		
Actuated Cycle Length (s)	72.0	Sum of lost time (s)	20.5
Intersection Capacity Utilization	53.6%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	110	354	179	2	209	42	54	82	7	35	236	150
Future Volume (vph)	110	354	179	2	209	42	54	82	7	35	236	150
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.95		1.00	0.97		1.00	0.99		1.00	0.94	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1719	1718		1719	1764		1719	1787		1719	1704	
Flt Permitted	0.95	1.00		0.95	1.00		0.27	1.00		0.69	1.00	
Satd. Flow (perm)	1719	1718		1719	1764		482	1787		1256	1704	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	120	385	195	2	227	46	59	89	8	38	257	163
RTOR Reduction (vph)	0	21	0	0	9	0	0	6	0	0	37	0
Lane Group Flow (vph)	120	559	0	2	264	0	59	91	0	38	383	0
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Effective Green, g (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Actuated g/C Ratio	0.08	0.49		0.01	0.42		0.30	0.30		0.30	0.30	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	142	840		18	735		142	529		372	504	
v/s Ratio Prot	c0.07	c0.33		0.00	0.15			0.05			c0.22	
v/s Ratio Perm							0.12			0.03		
v/c Ratio	0.85	0.67		0.11	0.36		0.42	0.17		0.10	0.76	
Uniform Delay, d1	28.8	12.3		31.2	12.8		18.0	16.7		16.3	20.4	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	35.5	4.1		3.7	1.4		2.7	0.2		0.2	6.9	
Delay (s)	64.4	16.5		35.0	14.1		20.7	16.9		16.5	27.3	
Level of Service	E	B		C	B		C	B		B	C	
Approach Delay (s/veh)		24.7			14.3			18.3			26.4	
Approach LOS		C			B			B			C	

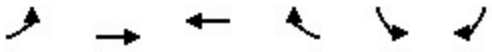
Intersection Summary			
HCM 2000 Control Delay (s/veh)	22.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.75		
Actuated Cycle Length (s)	63.8	Sum of lost time (s)	13.0
Intersection Capacity Utilization	74.0%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	133	652	217	165	511	159	181	410	191	287	554	142
Future Volume (vph)	133	652	217	165	511	159	181	410	191	287	554	142
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	139	679	226	172	532	166	189	427	199	299	577	148
RTOR Reduction (vph)	0	0	166	0	0	93	0	0	126	0	0	87
Lane Group Flow (vph)	139	679	60	172	532	73	189	427	73	299	577	61
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	23.9	23.9	6.9	22.4	22.4	7.5	32.9	32.9	7.4	32.8	32.8
Effective Green, g (s)	8.0	23.9	23.9	6.9	22.4	22.4	7.5	32.9	32.9	7.4	32.8	32.8
Actuated g/C Ratio	0.09	0.27	0.27	0.08	0.25	0.25	0.08	0.37	0.37	0.08	0.37	0.37
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	306	945	422	264	885	396	287	1300	581	283	1863	580
v/s Ratio Prot	0.04	c0.19		c0.05	0.15		0.06	c0.12		c0.09	0.11	
v/s Ratio Perm			0.04			0.05			0.05			0.04
v/c Ratio	0.45	0.72	0.14	0.65	0.60	0.18	0.66	0.33	0.13	1.06	0.31	0.10
Uniform Delay, d1	38.7	29.7	25.0	40.1	29.6	26.4	39.8	20.4	18.8	41.1	20.3	18.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.1	2.6	0.2	5.7	1.2	0.2	5.4	0.7	0.4	69.2	0.4	0.4
Delay (s)	39.8	32.4	25.2	45.8	30.8	26.6	45.1	21.0	19.2	110.2	20.7	19.0
Level of Service	D	C	C	D	C	C	D	C	B	F	C	B
Approach Delay (s/veh)		31.8			32.9			26.2			46.6	
Approach LOS		C			C			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.9	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.57		
Actuated Cycle Length (s)	89.5	Sum of lost time (s)	18.8
Intersection Capacity Utilization	57.6%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	468	819	671	476	0	576
Future Volume (vph)	468	819	671	476	0	576
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1719	3438	3438	1538		1565
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1719	3438	3438	1538		1565
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	498	871	714	506	0	613
RTOR Reduction (vph)	0	0	0	119	0	76
Lane Group Flow (vph)	498	871	714	387	0	537
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	22.9	60.0	27.3	27.3		22.9
Effective Green, g (s)	22.9	60.0	27.3	27.3		22.9
Actuated g/C Ratio	0.38	1.00	0.46	0.46		0.38
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	656	3438	1564	699		597
v/s Ratio Prot	0.29	0.25	0.21			
v/s Ratio Perm				c0.25		c0.34
v/c Ratio	0.76	0.25	0.46	0.55		0.90
Uniform Delay, d1	16.1	0.0	11.2	11.9		17.5
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	5.0	0.2	1.0	3.1		16.3
Delay (s)	21.2	0.2	12.2	15.0		33.8
Level of Service	C	A	B	B		C
Approach Delay (s/veh)		7.8	13.4		33.8	
Approach LOS		A	B		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.71		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	63.6%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	914	889	347	898	0	0	0	390	0	0	550
Future Volume (vph)	0	914	889	347	898	0	0	0	390	0	0	550
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3438	2707	3335	3438				2707			2707
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3438	2707	3335	3438				2707			2707
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	993	966	377	976	0	0	0	424	0	0	598
RTOR Reduction (vph)	0	0	67	0	0	0	0	0	198	0	0	139
Lane Group Flow (vph)	0	993	899	377	976	0	0	0	226	0	0	459
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	40.0				15.0			20.1
Effective Green, g (s)		45.1	45.1	15.0	40.0				15.0			20.1
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2218	1746	715	1967				580			778
v/s Ratio Prot		0.29		0.11	0.28							
v/s Ratio Perm			c0.33						0.08			c0.17
v/c Ratio		0.45	0.51	0.53	0.50				0.39			0.59
Uniform Delay, d1		6.2	6.6	24.3	8.9				23.5			21.4
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.7	1.1	0.7	0.9				0.4			1.2
Delay (s)		6.8	7.7	25.0	9.8				24.0			22.6
Level of Service		A	A	C	A				C			C
Approach Delay (s/veh)		7.3			14.1			24.0			22.6	
Approach LOS		A			B			C			C	

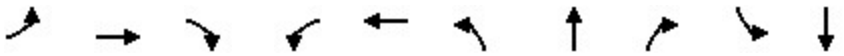
Intersection Summary			
HCM 2000 Control Delay (s/veh)	13.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.56		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	52.2%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	54	454	36	112	388	5	541
v/c Ratio	0.18	0.76	0.11	0.50	0.35	0.03	0.63
Control Delay (s/veh)	18.7	14.9	14.3	36.0	9.8	28.2	19.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	18.7	14.9	14.3	36.0	9.8	28.2	19.2
Queue Length 50th (ft)	15	36	8	36	49	2	136
Queue Length 95th (ft)	38	117	25	#110	203	12	#366
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	626	878	659	233	1093	173	861
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.09	0.52	0.05	0.48	0.35	0.03	0.63

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

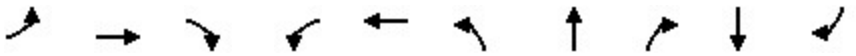


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	99	794	69	99	529	144	240	233	27	257
v/c Ratio	0.58	0.88	0.13	0.49	0.56	0.73	1.28	0.28	0.13	0.22
Control Delay (s/veh)	52.6	44.5	0.5	45.2	30.2	59.7	195.4	3.9	41.5	15.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.6	44.5	0.5	45.2	30.2	59.7	195.4	3.9	41.5	15.5
Queue Length 50th (ft)	55	226	0	53	132	83	~167	0	7	36
Queue Length 95th (ft)	#109	#333	0	102	183	#165	#320	47	21	66
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	179	918	536	233	986	222	187	843	215	1175
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.55	0.86	0.13	0.42	0.54	0.65	1.28	0.28	0.13	0.22

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	186	948	314	162	679	155	156	131	106	65
v/c Ratio	1.28	0.52	0.41	1.49	0.40	0.49	0.49	0.31	0.67	0.23
Control Delay (s/veh)	201.0	19.7	4.3	288.9	19.2	31.1	30.9	5.6	55.8	2.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	201.0	19.7	4.3	288.9	19.2	31.1	30.9	5.6	55.8	2.0
Queue Length 50th (ft)	~106	117	0	~101	81	65	65	0	46	0
Queue Length 95th (ft)	#246	178	52	#232	128	120	121	31	#131	0
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	145	1821	765	109	1714	726	736	767	159	279
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.28	0.52	0.41	1.49	0.40	0.21	0.21	0.17	0.67	0.23

Intersection Summary

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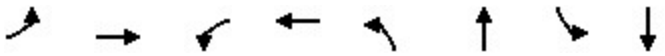
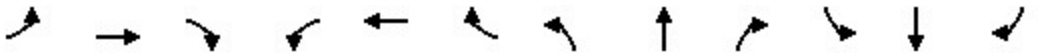


Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	120	580	2	273	59	97	38	420
v/c Ratio	0.59	0.64	0.02	0.38	0.42	0.18	0.10	0.74
Control Delay (s/veh)	43.6	17.4	30.5	16.9	26.5	14.9	15.2	24.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.6	17.4	30.5	16.9	26.5	14.9	15.2	24.9
Queue Length 50th (ft)	44	124	1	70	17	24	10	122
Queue Length 95th (ft)	#127	#400	7	150	48	53	28	211
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	202	903	115	715	218	816	570	802
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.59	0.64	0.02	0.38	0.27	0.12	0.07	0.52

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	139	679	226	172	532	166	189	427	199	299	577	148
v/c Ratio	0.45	0.72	0.39	0.65	0.60	0.34	0.66	0.33	0.28	1.05	0.31	0.22
Control Delay (s/veh)	45.0	34.4	5.6	53.7	32.5	10.4	52.7	22.0	4.4	110.2	21.5	5.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	45.0	34.4	5.6	53.7	32.5	10.4	52.7	22.0	4.4	110.2	21.5	5.6
Queue Length 50th (ft)	39	182	0	50	139	18	55	91	0	~97	84	4
Queue Length 95th (ft)	72	242	51	#97	190	66	#104	140	46	#191	123	44
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	307	1168	674	265	1109	581	288	1299	706	284	1861	667
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.58	0.34	0.65	0.48	0.29	0.66	0.33	0.28	1.05	0.31	0.22

Intersection Summary

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95th percentile volume exceeds capacity, queue may be longer.
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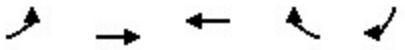


Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	498	871	714	506	613
v/c Ratio	0.76	0.25	0.46	0.62	0.91
Control Delay (s/veh)	24.8	0.2	12.9	11.1	34.6
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.8	0.2	12.9	11.1	34.6
Queue Length 50th (ft)	145	0	92	70	158
Queue Length 95th (ft)	#251	0	134	164	#348
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	696	3438	1566	820	707
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.72	0.25	0.46	0.62	0.87

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



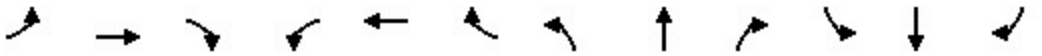
Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	993	966	377	976	424	598
v/c Ratio	0.45	0.53	0.53	0.50	0.54	0.65
Control Delay (s/veh)	7.0	6.5	27.4	10.1	12.7	18.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	7.0	6.5	27.4	10.1	12.7	18.2
Queue Length 50th (ft)	95	82	74	118	35	83
Queue Length 95th (ft)	132	127	113	167	78	139
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2217	1812	720	1966	782	938
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.53	0.52	0.50	0.54	0.64

Intersection Summary

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	13	11	152	3	3	3	217	725	25	7	218	26
Future Volume (veh/h)	13	11	152	3	3	3	217	725	25	7	218	26
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	14	12	167	3	3	3	238	797	27	8	240	29
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	190	133	219	124	106	74	295	1107	38	14	749	91
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	0.17	0.64	0.64	0.01	0.47	0.47
Sat Flow, veh/h	667	927	1535	296	740	518	1725	1741	59	1725	1585	192
Grp Volume(v), veh/h	26	0	167	9	0	0	238	0	824	8	0	269
Grp Sat Flow(s),veh/h/ln	1593	0	1535	1554	0	0	1725	0	1800	1725	0	1777
Q Serve(g_s), s	0.0	0.0	6.1	0.0	0.0	0.0	7.8	0.0	18.0	0.3	0.0	5.5
Cycle Q Clear(g_c), s	0.7	0.0	6.1	0.3	0.0	0.0	7.8	0.0	18.0	0.3	0.0	5.5
Prop In Lane	0.54		1.00	0.33		0.33	1.00		0.03	1.00		0.11
Lane Grp Cap(c), veh/h	322	0	219	304	0	0	295	0	1144	14	0	840
V/C Ratio(X)	0.08	0.00	0.76	0.03	0.00	0.00	0.81	0.00	0.72	0.56	0.00	0.32
Avail Cap(c_a), veh/h	748	0	643	706	0	0	582	0	1144	165	0	840
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	21.9	0.0	24.2	21.7	0.0	0.0	23.4	0.0	7.2	29.0	0.0	9.6
Incr Delay (d2), s/veh	0.1	0.0	5.4	0.0	0.0	0.0	5.2	0.0	3.9	29.6	0.0	1.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	2.4	0.1	0.0	0.0	3.3	0.0	5.5	0.2	0.0	2.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.0	0.0	29.6	21.7	0.0	0.0	28.5	0.0	11.1	58.6	0.0	10.6
LnGrp LOS	C		C	C			C		B	E		B
Approach Vol, veh/h		193			9			1062			277	
Approach Delay, s/veh		28.5			21.7			15.0			12.0	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	41.8		12.4	14.0	32.2		12.4				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.6	37.3		24.6	19.8	23.1		24.6				
Max Q Clear Time (g_c+I1), s	2.3	20.0		8.1	9.8	7.5		2.3				
Green Ext Time (p_c), s	0.0	5.6		0.6	0.5	1.3		0.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			16.2									
HCM 7th LOS			B									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	439	102	155	520	12	176	201	188	27	188	48
Future Volume (veh/h)	58	439	102	155	520	12	176	201	188	27	188	48
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	71	535	124	189	634	15	215	245	229	33	229	59
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	90	694	309	221	953	23	226	783	664	82	887	224
Arrive On Green	0.05	0.20	0.20	0.13	0.28	0.28	0.04	0.15	0.15	0.02	0.33	0.33
Sat Flow, veh/h	1697	3385	1510	1697	3380	80	1697	1781	1510	3291	2677	675
Grp Volume(v), veh/h	71	535	124	189	317	332	215	245	229	33	143	145
Grp Sat Flow(s),veh/h/ln	1697	1692	1510	1697	1692	1767	1697	1781	1510	1646	1692	1660
Q Serve(g_s), s	3.7	13.4	6.4	9.8	14.9	14.9	11.4	11.1	12.3	0.9	5.5	5.8
Cycle Q Clear(g_c), s	3.7	13.4	6.4	9.8	14.9	14.9	11.4	11.1	12.3	0.9	5.5	5.8
Prop In Lane	1.00		1.00	1.00		0.05	1.00		1.00	1.00		0.41
Lane Grp Cap(c), veh/h	90	694	309	221	477	498	226	783	664	82	561	550
V/C Ratio(X)	0.78	0.77	0.40	0.86	0.67	0.67	0.95	0.31	0.34	0.40	0.25	0.26
Avail Cap(c_a), veh/h	173	865	386	226	478	499	226	783	664	201	561	550
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.1	33.8	31.0	38.3	28.6	28.6	42.7	26.3	26.8	43.2	22.0	22.0
Incr Delay (d2), s/veh	18.7	4.0	1.2	26.4	3.9	3.8	45.6	1.0	1.4	4.5	0.9	0.9
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	5.7	2.4	5.6	6.3	6.6	8.0	5.4	5.2	0.4	2.3	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	60.8	37.8	32.2	64.7	32.5	32.3	88.3	27.3	28.2	47.7	22.8	23.0
LnGrp LOS	E	D	C	E	C	C	F	C	C	D	C	C
Approach Vol, veh/h		730			838			689			321	
Approach Delay, s/veh		39.1			39.7			46.6			25.4	
Approach LOS		D			D			D			C	

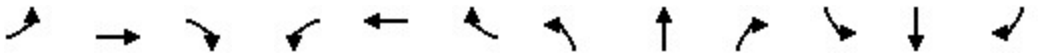
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.2	44.6	15.7	23.4	16.0	34.8	8.8	30.4
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.9	14.3	11.8	15.4	13.4	7.8	5.7	16.9
Green Ext Time (p_c), s	0.0	5.1	0.0	3.0	0.0	3.4	0.1	3.2

Intersection Summary	
HCM 7th Control Delay, s/veh	39.6
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



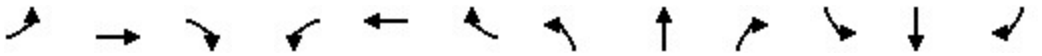
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	134	656	346	90	686	45	203	47	68	38	100	121
Future Volume (veh/h)	134	656	346	90	686	45	203	47	68	38	100	121
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752
Adj Flow Rate, veh/h	154	754	398	103	789	52	144	179	78	44	115	139
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	10	10	10	10	10	10	10	10	10	10	10	10
Cap, veh/h	147	1832	569	111	1657	109	270	283	240	44	116	137
Arrive On Green	0.09	0.38	0.38	0.07	0.36	0.36	0.16	0.16	0.16	0.09	0.09	0.09
Sat Flow, veh/h	1668	4782	1485	1668	4585	301	1668	1752	1485	478	1250	1485
Grp Volume(v), veh/h	154	754	398	103	548	293	144	179	78	159	0	139
Grp Sat Flow(s),veh/h/ln	1668	1594	1485	1668	1594	1698	1668	1752	1485	1728	0	1485
Q Serve(g_s), s	6.1	8.0	15.6	4.2	9.2	9.2	5.5	6.6	3.2	6.4	0.0	6.4
Cycle Q Clear(g_c), s	6.1	8.0	15.6	4.2	9.2	9.2	5.5	6.6	3.2	6.4	0.0	6.4
Prop In Lane	1.00		1.00	1.00		0.18	1.00		1.00	0.28		1.00
Lane Grp Cap(c), veh/h	147	1832	569	111	1152	614	270	283	240	160	0	137
V/C Ratio(X)	1.05	0.41	0.70	0.93	0.48	0.48	0.53	0.63	0.33	0.99	0.00	1.01
Avail Cap(c_a), veh/h	147	1832	569	111	1152	614	772	810	687	160	0	137
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	31.5	15.6	18.0	32.1	17.0	17.1	26.6	27.1	25.7	31.4	0.0	31.4
Incr Delay (d2), s/veh	87.2	0.7	7.0	63.7	1.4	2.7	2.3	3.3	1.1	69.5	0.0	80.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.9	2.7	5.9	3.6	3.3	3.7	2.3	2.9	1.2	5.7	0.0	5.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	118.7	16.3	25.0	95.8	18.4	19.7	28.9	30.4	26.8	100.9	0.0	111.4
LnGrp LOS	F	B	C	F	B	B	C	C	C	F		F
Approach Vol, veh/h		1306			944			401			298	
Approach Delay, s/veh		31.0			27.3			29.2			105.8	
Approach LOS		C			C			C			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		11.0	11.5	30.4		16.3				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.2	17.6		8.4	8.1	11.2		8.6				
Green Ext Time (p_c), s	0.0	6.9		0.0	0.0	8.4		2.6				

Intersection Summary		
HCM 7th Control Delay, s/veh		37.1
HCM 7th LOS		D

Notes

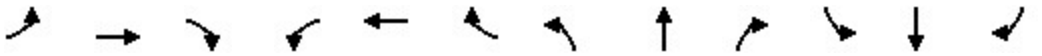
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	82	243	74	6	497	37	107	118	12	68	176	197
Future Volume (veh/h)	82	243	74	6	497	37	107	118	12	68	176	197
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	91	270	82	7	552	41	119	131	13	76	196	219
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	113	601	182	12	653	48	228	576	57	456	278	310
Arrive On Green	0.07	0.46	0.46	0.01	0.40	0.40	0.36	0.36	0.36	0.36	0.36	0.36
Sat Flow, veh/h	1697	1311	398	1697	1638	122	925	1595	158	1185	768	859
Grp Volume(v), veh/h	91	0	352	7	0	593	119	0	144	76	0	415
Grp Sat Flow(s),veh/h/ln	1697	0	1710	1697	0	1760	925	0	1753	1185	0	1627
Q Serve(g_s), s	4.0	0.0	10.5	0.3	0.0	22.9	9.5	0.0	4.3	3.6	0.0	16.4
Cycle Q Clear(g_c), s	4.0	0.0	10.5	0.3	0.0	22.9	25.9	0.0	4.3	7.9	0.0	16.4
Prop In Lane	1.00		0.23	1.00		0.07	1.00		0.09	1.00		0.53
Lane Grp Cap(c), veh/h	113	0	783	12	0	701	228	0	633	456	0	588
V/C Ratio(X)	0.80	0.00	0.45	0.57	0.00	0.85	0.52	0.00	0.23	0.17	0.00	0.71
Avail Cap(c_a), veh/h	113	0	783	90	0	701	228	0	633	456	0	588
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	34.5	0.0	13.9	37.1	0.0	20.5	31.6	0.0	16.7	19.4	0.0	20.5
Incr Delay (d2), s/veh	34.4	0.0	1.9	48.0	0.0	12.0	2.9	0.0	0.3	0.2	0.0	4.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	0.0	4.1	0.3	0.0	10.9	2.2	0.0	1.7	1.0	0.0	6.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	68.9	0.0	15.7	85.1	0.0	32.4	34.5	0.0	16.9	19.6	0.0	24.8
LnGrp LOS	E		B	F		C	C		B	B		C
Approach Vol, veh/h		443			600			263			491	
Approach Delay, s/veh		26.6			33.0			24.9			24.0	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	38.9		31.6	9.0	34.4		31.6				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	30.9		27.1	5.0	29.9		27.1				
Max Q Clear Time (g_c+I1), s	2.3	12.5		27.9	6.0	24.9		18.4				
Green Ext Time (p_c), s	0.0	2.9		0.0	0.0	2.2		2.6				

Intersection Summary												
HCM 7th Control Delay, s/veh			27.8									
HCM 7th LOS			C									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	179	381	143	191	841	140	205	589	172	145	413	143
Future Volume (veh/h)	179	381	143	191	841	140	205	589	172	145	413	143
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	186	397	149	199	876	146	214	614	0	151	430	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	291	1017	453	267	992	442	286	1274		217	1730	
Arrive On Green	0.09	0.29	0.29	0.08	0.28	0.28	0.08	0.36	0.00	0.06	0.34	0.00
Sat Flow, veh/h	3401	3497	1560	3401	3497	1560	3401	3497	1560	3401	5025	1560
Grp Volume(v), veh/h	186	397	149	199	876	146	214	614	0	151	430	0
Grp Sat Flow(s),veh/h/ln	1700	1749	1560	1700	1749	1560	1700	1749	1560	1700	1675	1560
Q Serve(g_s), s	4.9	8.4	6.9	5.3	22.2	6.9	5.7	12.6	0.0	4.0	5.7	0.0
Cycle Q Clear(g_c), s	4.9	8.4	6.9	5.3	22.2	6.9	5.7	12.6	0.0	4.0	5.7	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	291	1017	453	267	992	442	286	1274		217	1730	
V/C Ratio(X)	0.64	0.39	0.33	0.75	0.88	0.33	0.75	0.48		0.69	0.25	
Avail Cap(c_a), veh/h	293	1093	488	271	1056	471	345	1274		235	1730	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	41.0	26.3	25.8	41.8	31.8	26.3	41.5	22.7	0.0	42.5	21.8	0.0
Incr Delay (d2), s/veh	4.6	0.2	0.4	10.6	8.6	0.4	7.2	1.3	0.0	7.9	0.3	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	3.4	2.5	2.5	10.0	2.5	2.6	5.2	0.0	1.9	2.2	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	45.6	26.6	26.2	52.4	40.4	26.7	48.7	24.0	0.0	50.4	22.2	0.0
LnGrp LOS	D	C	C	D	D	C	D	C		D	C	
Approach Vol, veh/h		732			1221			828			581	
Approach Delay, s/veh		31.3			40.7			30.4			29.5	
Approach LOS		C			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.5	38.4	11.9	32.0	12.4	36.5	12.5	31.3
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	6.4	33.8	7.4	*29	9.4	30.8	8.0	28.0
Max Q Clear Time (g_c+I1), s	6.0	14.6	7.3	10.4	7.7	7.7	6.9	24.2
Green Ext Time (p_c), s	0.0	3.9	0.0	2.9	0.1	2.8	0.1	2.1

Intersection Summary	
HCM 7th Control Delay, s/veh	34.2
HCM 7th LOS	C

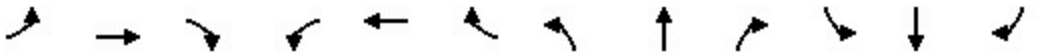
Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	13	11	152	3	3	3	217	725	25	7	218	26
Future Volume (vph)	13	11	152	3	3	3	217	725	25	7	218	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.96		1.00	1.00		1.00	0.98	
Flt Protected		0.97	1.00		0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1745	1524		1684		1703	1784		1703	1763	
Flt Permitted		0.85	1.00		0.92		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1530	1524		1571		1703	1784		1703	1763	
Peak-hour factor, PHF	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Adj. Flow (vph)	14	12	167	3	3	3	238	797	27	8	240	29
RTOR Reduction (vph)	0	0	147	0	3	0	0	1	0	0	4	0
Lane Group Flow (vph)	0	26	20	0	6	0	238	823	0	8	265	0
Heavy Vehicles (%)	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Effective Green, g (s)		7.2	7.2		7.2		13.0	39.3		1.0	27.3	
Actuated g/C Ratio		0.12	0.12		0.12		0.22	0.65		0.02	0.46	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		183	182		188		368	1168		28	802	
v/s Ratio Prot							c0.14	c0.46		0.00	0.15	
v/s Ratio Perm		c0.02	0.01		0.00							
v/c Ratio		0.14	0.11		0.03		0.65	0.70		0.29	0.33	
Uniform Delay, d1		23.6	23.5		23.3		21.4	6.6		29.1	10.5	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.4	0.3		0.1		3.9	3.6		5.6	1.1	
Delay (s)		24.0	23.8		23.4		25.3	10.2		34.7	11.6	
Level of Service		C	C		C		C	B		C	B	
Approach Delay (s/veh)		23.8			23.4			13.6			12.3	
Approach LOS		C			C			B			B	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.7	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	12.5
Intersection Capacity Utilization	58.4%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

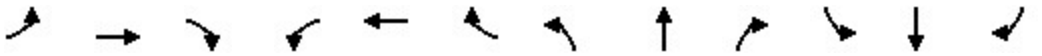


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	58	439	102	155	520	12	176	201	188	27	188	48
Future Volume (vph)	58	439	102	155	520	12	176	201	188	27	188	48
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85	1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1671	3343	1495	1671	3331		1588	1664	1495	3242	3240	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00	0.95	1.00	
Satd. Flow (perm)	1671	3343	1495	1671	3331		1588	1629	1495	3242	3240	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	71	535	124	189	634	15	215	245	229	33	229	59
RTOR Reduction (vph)	0	0	95	0	2	0	0	0	138	0	25	0
Lane Group Flow (vph)	71	535	29	189	647	0	193	267	91	33	263	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.3	21.1	21.1	12.0	25.4		13.0	43.3	35.7	3.6	26.3	
Effective Green, g (s)	7.3	21.1	21.1	12.0	25.4		13.0	43.3	35.7	3.6	26.3	
Actuated g/C Ratio	0.08	0.23	0.23	0.13	0.28		0.14	0.48	0.40	0.04	0.29	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	135	783	350	222	940		229	788	593	129	946	
v/s Ratio Prot	0.04	0.16		c0.11	c0.19		c0.12	0.05		0.01	0.08	
v/s Ratio Perm			0.02					c0.11	0.06			
v/c Ratio	0.53	0.68	0.08	0.85	0.69		0.84	0.34	0.15	0.26	0.28	
Uniform Delay, d1	39.7	31.4	26.9	38.1	28.8		37.5	14.5	17.4	41.9	24.5	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	4.7	2.7	0.1	26.3	2.3		22.7	0.1	0.5	1.4	0.5	
Delay (s)	44.4	34.1	27.0	64.5	31.1		60.2	14.6	18.0	43.3	25.0	
Level of Service	D	C	C	E	C		E	B	B	D	C	
Approach Delay (s/veh)		33.9			38.6			28.5			26.9	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	33.1	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	53.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

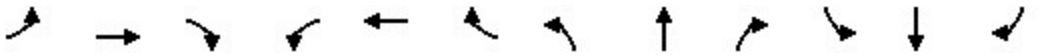
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	134	656	346	90	686	45	203	47	68	38	100	121
Future Volume (vph)	134	656	346	90	686	45	203	47	68	38	100	121
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (prot)	1641	4715	1468	1641	4672		1559	1591	1468		1704	1468
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (perm)	1641	4715	1468	1641	4672		1559	1591	1468		1704	1468
Peak-hour factor, PHF	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Adj. Flow (vph)	154	754	398	103	789	52	233	54	78	44	115	139
RTOR Reduction (vph)	0	0	249	0	7	0	0	0	64	0	0	127
Lane Group Flow (vph)	154	754	149	103	834	0	142	145	14	0	159	12
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.1	13.1	13.1		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.1	13.1	13.1		6.4	6.4
Actuated g/C Ratio	0.09	0.37	0.37	0.06	0.35		0.18	0.18	0.18		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	140	1761	548	106	1647		286	292	270		153	131
v/s Ratio Prot	c0.09	0.16		0.06	c0.18		0.09	c0.09			c0.09	
v/s Ratio Perm			0.10						0.01			0.01
v/c Ratio	1.10	0.43	0.27	0.97	0.51		0.50	0.50	0.05		1.04	0.10
Uniform Delay, d1	32.6	16.6	15.5	33.2	18.2		26.1	26.1	23.9		32.4	29.7
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	105.4	0.8	1.2	78.2	1.1		1.8	1.8	0.1		83.5	0.4
Delay (s)	137.9	17.4	16.8	111.4	19.3		27.9	27.9	24.1		115.9	30.2
Level of Service	F	B	B	F	B		C	C	C		F	C
Approach Delay (s/veh)		31.4			29.3			27.1			75.9	
Approach LOS		C			C			C			E	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	71.2	Sum of lost time (s)	20.5
Intersection Capacity Utilization	48.5%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



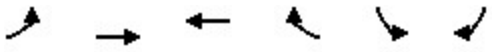
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	82	243	74	6	497	37	107	118	12	68	176	197
Future Volume (vph)	82	243	74	6	497	37	107	118	12	68	176	197
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	0.99		1.00	0.92	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1671	1698		1671	1741		1671	1735		1671	1620	
Flt Permitted	0.95	1.00		0.95	1.00		0.23	1.00		0.67	1.00	
Satd. Flow (perm)	1671	1698		1671	1741		413	1735		1170	1620	
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	91	270	82	7	552	41	119	131	13	76	196	219
RTOR Reduction (vph)	0	12	0	0	3	0	0	5	0	0	61	0
Lane Group Flow (vph)	91	340	0	7	590	0	119	139	0	76	354	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.0	37.7		0.7	33.4		19.9	19.9		19.9	19.9	
Effective Green, g (s)	5.0	37.7		0.7	33.4		19.9	19.9		19.9	19.9	
Actuated g/C Ratio	0.07	0.53		0.01	0.47		0.28	0.28		0.28	0.28	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	117	897		16	815		115	484		326	452	
v/s Ratio Prot	c0.05	0.20		0.00	c0.34			0.08			0.22	
v/s Ratio Perm							c0.29			0.06		
v/c Ratio	0.78	0.38		0.44	0.72		1.03	0.29		0.23	0.78	
Uniform Delay, d1	32.6	9.9		35.1	15.2		25.7	20.1		19.8	23.7	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	28.4	1.2		24.0	5.5		93.6	0.4		0.5	9.2	
Delay (s)	61.0	11.1		59.1	20.8		119.3	20.6		20.3	32.9	
Level of Service	E	B		E	C		F	C		C	C	
Approach Delay (s/veh)		21.4			21.2			65.2			30.9	
Approach LOS		C			C			E			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	30.4	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	71.3	Sum of lost time (s)	13.0
Intersection Capacity Utilization	74.8%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	179	381	143	191	841	140	205	589	172	145	413	143
Future Volume (vph)	179	381	143	191	841	140	205	589	172	145	413	143
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	186	397	149	199	876	146	214	614	179	151	430	149
RTOR Reduction (vph)	0	0	105	0	0	88	0	0	115	0	0	100
Lane Group Flow (vph)	186	397	44	199	876	58	214	614	64	151	430	49
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	28.0	28.0	7.4	27.0	27.0	9.1	33.8	33.8	6.4	31.1	31.1
Effective Green, g (s)	8.0	28.0	28.0	7.4	27.0	27.0	9.1	33.8	33.8	6.4	31.1	31.1
Actuated g/C Ratio	0.09	0.30	0.30	0.08	0.29	0.29	0.10	0.36	0.36	0.07	0.33	0.33
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	286	1033	462	265	996	446	325	1248	558	229	1650	513
v/s Ratio Prot	0.06	0.11		c0.06	c0.25		c0.06	c0.18		0.04	0.09	
v/s Ratio Perm			0.03			0.04			0.04			0.03
v/c Ratio	0.65	0.38	0.10	0.75	0.88	0.13	0.66	0.49	0.12	0.66	0.26	0.10
Uniform Delay, d1	41.6	26.2	23.9	42.4	31.9	24.8	41.0	23.4	20.1	42.7	23.0	21.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	5.2	0.2	0.1	11.3	9.0	0.1	4.8	1.4	0.4	6.7	0.4	0.4
Delay (s)	46.9	26.4	23.9	53.7	40.9	24.9	45.7	24.8	20.5	49.4	23.4	22.1
Level of Service	D	C	C	D	D	C	D	C	C	D	C	C
Approach Delay (s/veh)		31.1			41.1			28.5			28.5	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	33.2	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.68		
Actuated Cycle Length (s)	94.0	Sum of lost time (s)	18.8
Intersection Capacity Utilization	66.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	509	677	724	353	0	709
Future Volume (vph)	509	677	724	353	0	709
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1641	3282	3282	1468		1494
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1641	3282	3282	1468		1494
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	541	720	770	376	0	754
RTOR Reduction (vph)	0	0	0	201	0	21
Lane Group Flow (vph)	541	720	770	175	0	733
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	42.5	80.0	27.7	27.7		42.5
Effective Green, g (s)	42.5	80.0	27.7	27.7		42.5
Actuated g/C Ratio	0.53	1.00	0.35	0.35		0.53
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	871	3282	1136	508		793
v/s Ratio Prot	0.33	0.22	c0.23			
v/s Ratio Perm				0.12		c0.49
v/c Ratio	0.62	0.22	0.68	0.35		0.92
Uniform Delay, d1	13.1	0.0	22.3	19.4		17.3
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	1.4	0.2	3.3	1.9		16.3
Delay (s)	14.5	0.2	25.6	21.3		33.6
Level of Service	B	A	C	C		C
Approach Delay (s/veh)		6.3	24.2		33.6	
Approach LOS		A	C		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	19.3	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	80.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	72.1%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	708	565	311	1121	0	0	0	457	0	0	685
Future Volume (vph)	0	708	565	311	1121	0	0	0	457	0	0	685
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3282	2584	3183	3282				2584			2584
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3282	2584	3183	3282				2584			2584
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	0	730	582	321	1156	0	0	0	471	0	0	706
RTOR Reduction (vph)	0	0	96	0	0	0	0	0	345	0	0	89
Lane Group Flow (vph)	0	730	486	321	1156	0	0	0	126	0	0	617
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	39.7				15.0			20.4
Effective Green, g (s)		45.1	45.1	15.0	39.7				15.0			20.4
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2117	1667	683	1864				554			754
v/s Ratio Prot		0.22		0.10	c0.35							
v/s Ratio Perm			0.19						0.05			c0.24
v/c Ratio		0.34	0.29	0.47	0.62				0.23			0.82
Uniform Delay, d1		5.7	5.4	24.0	10.1				22.7			23.0
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.4	0.4	0.5	1.6				0.2			6.9
Delay (s)		6.1	5.9	24.5	11.6				22.9			30.0
Level of Service		A	A	C	B				C			C
Approach Delay (s/veh)		6.0			14.4			22.9			30.0	
Approach LOS		A			B			C			C	

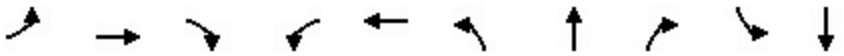
Intersection Summary			
HCM 2000 Control Delay (s/veh)	15.4	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.69		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	63.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	26	167	9	238	824	8	269
v/c Ratio	0.13	0.49	0.04	0.61	0.67	0.05	0.36
Control Delay (s/veh)	24.8	10.4	20.4	26.8	10.4	26.6	14.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.8	10.4	20.4	26.8	10.4	26.6	14.0
Queue Length 50th (ft)	8	0	2	69	93	2	54
Queue Length 95th (ft)	29	47	13	141	#476	15	136
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	669	760	689	599	1236	169	749
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.22	0.01	0.40	0.67	0.05	0.36

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

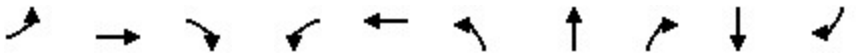


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	71	535	124	189	649	193	267	229	33	288
v/c Ratio	0.45	0.71	0.26	0.85	0.69	0.85	1.21	0.30	0.15	0.29
Control Delay (s/veh)	47.6	37.5	3.2	71.8	33.4	70.5	165.1	4.1	41.4	22.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	47.6	37.5	3.2	71.8	33.4	70.5	165.1	4.1	41.4	22.6
Queue Length 50th (ft)	38	145	0	107	175	113	~191	0	9	58
Queue Length 95th (ft)	73	175	12	#192	206	#215	#322	34	22	83
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	170	854	508	222	984	228	221	765	224	1001
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.63	0.24	0.85	0.66	0.85	1.21	0.30	0.15	0.29

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

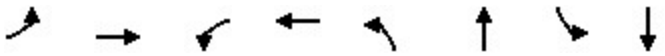


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	154	754	398	103	841	142	145	78	159	139
v/c Ratio	1.10	0.43	0.50	0.97	0.51	0.50	0.50	0.20	1.04	0.51
Control Delay (s/veh)	141.5	18.2	4.6	121.8	19.9	32.0	31.9	1.4	121.7	12.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	141.5	18.2	4.6	121.8	19.9	32.0	31.9	1.4	121.7	12.1
Queue Length 50th (ft)	~77	86	0	46	101	58	61	0	~73	0
Queue Length 95th (ft)	#194	131	49	#143	151	107	109	2	#194	38
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	140	1758	797	106	1651	702	717	743	153	274
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.10	0.43	0.50	0.97	0.51	0.20	0.20	0.10	1.04	0.51

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

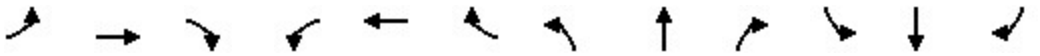
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	91	352	7	593	119	144	76	415
v/c Ratio	0.74	0.37	0.07	0.77	0.99	0.28	0.22	0.78
Control Delay (s/veh)	70.3	11.4	34.7	26.2	107.6	18.4	19.1	28.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	70.3	11.4	34.7	26.2	107.6	18.4	19.1	28.0
Queue Length 50th (ft)	38	66	3	199	49	43	24	125
Queue Length 95th (ft)	#123	181	15	#430	#142	84	53	221
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	123	950	98	772	165	698	468	699
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.74	0.37	0.07	0.77	0.72	0.21	0.16	0.59

Intersection Summary

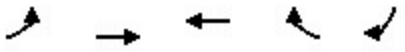
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	186	397	149	199	876	146	214	614	179	151	430	149
v/c Ratio	0.65	0.38	0.26	0.75	0.88	0.27	0.66	0.49	0.27	0.66	0.26	0.24
Control Delay (s/veh)	53.4	27.4	5.6	61.4	43.5	8.2	51.3	25.3	4.5	57.9	23.9	5.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	53.4	27.4	5.6	61.4	43.5	8.2	51.3	25.3	4.5	57.9	23.9	5.1
Queue Length 50th (ft)	57	98	0	61	261	10	64	150	0	46	69	0
Queue Length 95th (ft)	#97	140	43	#115	#363	54	103	203	43	#87	96	42
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	286	1071	582	265	1034	550	337	1248	673	229	1650	613
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.65	0.37	0.26	0.75	0.85	0.27	0.64	0.49	0.27	0.66	0.26	0.24

Intersection Summary

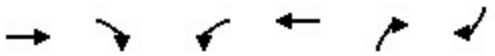
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	541	720	770	376	754
v/c Ratio	0.62	0.22	0.68	0.53	0.93
Control Delay (s/veh)	16.5	0.2	26.6	7.9	35.5
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	16.5	0.2	26.6	7.9	35.5
Queue Length 50th (ft)	167	0	176	24	292
Queue Length 95th (ft)	264	0	241	97	#549
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	908	3282	1137	709	847
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.60	0.22	0.68	0.53	0.89

Intersection Summary

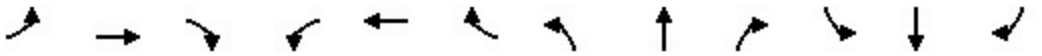
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	730	582	321	1156	471	706
v/c Ratio	0.34	0.33	0.47	0.62	0.52	0.84
Control Delay (s/veh)	6.2	3.3	26.6	12.0	6.0	29.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	6.2	3.3	26.6	12.0	6.0	29.8
Queue Length 50th (ft)	64	26	62	160	6	132
Queue Length 95th (ft)	91	47	98	219	45	#232
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2117	1763	686	1863	901	852
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.34	0.33	0.47	0.62	0.52	0.83

Intersection Summary

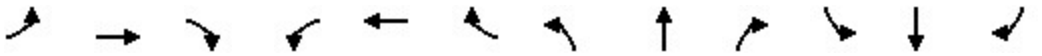
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	45	6	423	23	2	8	108	372	3	5	487	21
Future Volume (veh/h)	45	6	423	23	2	8	108	372	3	5	487	21
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	48	6	455	25	2	9	116	400	3	5	524	23
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	516	58	505	317	36	86	148	869	7	9	695	30
Arrive On Green	0.32	0.32	0.32	0.32	0.32	0.32	0.08	0.48	0.48	0.01	0.40	0.40
Sat Flow, veh/h	1265	180	1560	684	111	265	1753	1825	14	1753	1750	77
Grp Volume(v), veh/h	54	0	455	36	0	0	116	0	403	5	0	547
Grp Sat Flow(s),veh/h/ln	1445	0	1560	1060	0	0	1753	0	1838	1753	0	1827
Q Serve(g_s), s	0.0	0.0	17.9	0.1	0.0	0.0	4.2	0.0	9.4	0.2	0.0	16.6
Cycle Q Clear(g_c), s	1.4	0.0	17.9	1.4	0.0	0.0	4.2	0.0	9.4	0.2	0.0	16.6
Prop In Lane	0.89		1.00	0.69		0.25	1.00		0.01	1.00		0.04
Lane Grp Cap(c), veh/h	574	0	505	438	0	0	148	0	875	9	0	725
V/C Ratio(X)	0.09	0.00	0.90	0.08	0.00	0.00	0.78	0.00	0.46	0.54	0.00	0.75
Avail Cap(c_a), veh/h	658	0	597	501	0	0	202	0	875	150	0	725
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	15.1	0.0	20.7	15.0	0.0	0.0	28.8	0.0	11.3	31.9	0.0	16.7
Incr Delay (d2), s/veh	0.1	0.0	15.1	0.1	0.0	0.0	13.0	0.0	1.7	40.5	0.0	7.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	8.1	0.4	0.0	0.0	2.2	0.0	3.6	0.2	0.0	7.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	15.2	0.0	35.8	15.1	0.0	0.0	41.9	0.0	13.0	72.3	0.0	23.8
LnGrp LOS	B		D	B			D		B	E		C
Approach Vol, veh/h		509			36			519			552	
Approach Delay, s/veh		33.6			15.1			19.5			24.3	
Approach LOS		C			B			B			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.3	35.1		24.8	9.4	30.0		24.8				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.5	27.4		24.6	7.4	25.5		24.6				
Max Q Clear Time (g_c+I1), s	2.2	11.4		19.9	6.2	18.6		3.4				
Green Ext Time (p_c), s	0.0	2.1		0.9	0.0	1.9		0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			25.5									
HCM 7th LOS			C									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	94	754	68	95	483	20	154	217	226	26	154	91
Future Volume (veh/h)	94	754	68	95	483	20	154	217	226	26	154	91
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	99	794	72	100	508	21	162	228	238	27	162	96
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	126	882	393	129	867	36	197	845	716	75	795	447
Arrive On Green	0.07	0.25	0.25	0.07	0.25	0.25	0.04	0.15	0.15	0.02	0.37	0.37
Sat Flow, veh/h	1767	3526	1572	1767	3450	142	1767	1856	1572	3428	2176	1222
Grp Volume(v), veh/h	99	794	72	100	259	270	162	228	238	27	130	128
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1830	1767	1856	1572	1714	1763	1635
Q Serve(g_s), s	5.0	19.6	3.2	5.0	11.6	11.7	8.2	9.8	12.2	0.7	4.5	4.9
Cycle Q Clear(g_c), s	5.0	19.6	3.2	5.0	11.6	11.7	8.2	9.8	12.2	0.7	4.5	4.9
Prop In Lane	1.00		1.00	1.00		0.08	1.00		1.00	1.00		0.75
Lane Grp Cap(c), veh/h	126	882	393	129	443	460	197	845	716	75	644	598
V/C Ratio(X)	0.78	0.90	0.18	0.78	0.58	0.59	0.82	0.27	0.33	0.36	0.20	0.21
Avail Cap(c_a), veh/h	181	901	402	236	497	516	236	845	716	210	644	598
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.1	32.7	26.5	41.0	29.6	29.6	42.4	25.0	26.0	43.4	19.6	19.7
Incr Delay (d2), s/veh	16.6	12.2	0.3	13.3	1.9	1.9	15.0	0.8	1.2	4.1	0.6	0.6
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.7	9.5	1.2	2.6	5.0	5.2	4.5	4.8	5.3	0.3	1.9	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	57.7	44.8	26.8	54.3	31.5	31.4	57.4	25.8	27.3	47.5	20.1	20.3
LnGrp LOS	E	D	C	D	C	C	E	C	C	D	C	C
Approach Vol, veh/h		965			629			628			285	
Approach Delay, s/veh		44.8			35.1			34.5			22.8	
Approach LOS		D			D			C			C	

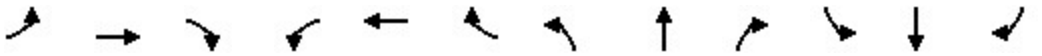
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.0	46.0	10.6	27.5	14.1	37.9	10.4	27.6
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.7	14.2	7.0	21.6	10.2	6.9	7.0	13.7
Green Ext Time (p_c), s	0.0	5.0	0.1	0.9	0.0	3.1	0.1	3.2

Intersection Summary	
HCM 7th Control Delay, s/veh	37.3
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



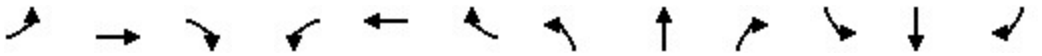
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	175	893	295	152	626	14	261	35	123	16	84	61
Future Volume (veh/h)	175	893	295	152	626	14	261	35	123	16	84	61
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	186	950	314	162	666	15	304	0	131	17	89	65
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	158	1963	609	119	1864	42	513	0	228	25	130	132
Arrive On Green	0.09	0.39	0.39	0.07	0.37	0.37	0.15	0.00	0.15	0.09	0.09	0.09
Sat Flow, veh/h	1739	4985	1547	1739	5016	113	3478	0	1547	291	1521	1547
Grp Volume(v), veh/h	186	950	314	162	441	240	304	0	131	106	0	65
Grp Sat Flow(s),veh/h/ln	1739	1662	1547	1739	1662	1806	1739	0	1547	1811	0	1547
Q Serve(g_s), s	6.1	9.6	10.4	4.6	6.5	6.5	5.5	0.0	5.3	3.8	0.0	2.7
Cycle Q Clear(g_c), s	6.1	9.6	10.4	4.6	6.5	6.5	5.5	0.0	5.3	3.8	0.0	2.7
Prop In Lane	1.00		1.00	1.00		0.06	1.00		1.00	0.16		1.00
Lane Grp Cap(c), veh/h	158	1963	609	119	1235	671	513	0	228	155	0	132
V/C Ratio(X)	1.18	0.48	0.52	1.36	0.36	0.36	0.59	0.00	0.57	0.68	0.00	0.49
Avail Cap(c_a), veh/h	158	1963	609	119	1235	671	1654	0	736	172	0	147
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	30.6	15.3	15.5	31.3	15.3	15.3	26.8	0.0	26.7	29.9	0.0	29.4
Incr Delay (d2), s/veh	128.2	0.9	3.1	207.9	0.8	1.5	1.6	0.0	3.2	10.9	0.0	4.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	8.0	3.4	3.8	8.7	2.3	2.7	2.3	0.0	2.1	2.1	0.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	158.8	16.1	18.6	239.2	16.1	16.8	28.3	0.0	29.9	40.8	0.0	33.3
LnGrp LOS	F	B	B	F	B	B	C		C	D		C
Approach Vol, veh/h		1450			843			435			171	
Approach Delay, s/veh		35.0			59.2			28.8			38.0	
Approach LOS		C			E			C			D	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		10.4	11.5	30.4		15.0				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.6	12.4		5.8	8.1	8.5		7.5				
Green Ext Time (p_c), s	0.0	11.0		0.1	0.0	7.9		2.4				

Intersection Summary		
HCM 7th Control Delay, s/veh		41.3
HCM 7th LOS		D

Notes

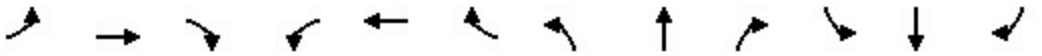
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	110	355	180	2	210	44	56	84	7	35	236	150
Future Volume (veh/h)	110	355	180	2	210	44	56	84	7	35	236	150
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	120	386	196	2	228	48	61	91	8	38	257	163
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	153	538	273	4	564	119	199	511	45	460	322	205
Arrive On Green	0.09	0.47	0.47	0.00	0.39	0.39	0.31	0.31	0.31	0.31	0.31	0.31
Sat Flow, veh/h	1739	1142	580	1739	1463	308	944	1654	145	1265	1044	662
Grp Volume(v), veh/h	120	0	582	2	0	276	61	0	99	38	0	420
Grp Sat Flow(s),veh/h/ln	1739	0	1722	1739	0	1770	944	0	1800	1265	0	1707
Q Serve(g_s), s	4.0	0.0	16.1	0.1	0.0	6.8	3.8	0.0	2.4	1.4	0.0	13.5
Cycle Q Clear(g_c), s	4.0	0.0	16.1	0.1	0.0	6.8	17.2	0.0	2.4	3.8	0.0	13.5
Prop In Lane	1.00		0.34	1.00		0.17	1.00		0.08	1.00		0.39
Lane Grp Cap(c), veh/h	153	0	811	4	0	683	199	0	556	460	0	527
V/C Ratio(X)	0.79	0.00	0.72	0.53	0.00	0.40	0.31	0.00	0.18	0.08	0.00	0.80
Avail Cap(c_a), veh/h	204	0	811	117	0	683	335	0	814	642	0	772
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.7	0.0	12.6	29.7	0.0	13.3	26.8	0.0	15.1	16.5	0.0	18.9
Incr Delay (d2), s/veh	15.9	0.0	5.4	107.6	0.0	1.8	1.2	0.0	0.2	0.1	0.0	4.7
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	0.0	6.4	0.1	0.0	2.7	0.9	0.0	0.9	0.4	0.0	5.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	42.6	0.0	18.0	137.3	0.0	15.1	28.0	0.0	15.3	16.6	0.0	23.6
LnGrp LOS	D		B	F		B	C		B	B		C
Approach Vol, veh/h		702			278			160			458	
Approach Delay, s/veh		22.2			16.0			20.2			23.0	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.1	32.6		22.9	9.2	27.5		22.9				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	26.0		27.0	7.0	23.0		27.0				
Max Q Clear Time (g_c+I1), s	2.1	18.1		19.2	6.0	8.8		15.5				
Green Ext Time (p_c), s	0.0	3.1		0.6	0.0	1.9		3.0				

Intersection Summary		
HCM 7th Control Delay, s/veh		21.2
HCM 7th LOS		C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	135	657	225	165	514	159	183	410	191	287	554	143
Future Volume (veh/h)	135	657	225	165	514	159	183	410	191	287	554	143
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	141	684	234	172	535	166	191	427	0	299	577	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	307	890	397	245	826	368	265	1341		294	1969	
Arrive On Green	0.09	0.25	0.25	0.07	0.23	0.23	0.08	0.38	0.00	0.09	0.39	0.00
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	3456	3554	1585	3456	5106	1585
Grp Volume(v), veh/h	141	684	234	172	535	166	191	427	0	299	577	0
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1728	1777	1585	1728	1702	1585
Q Serve(g_s), s	3.4	15.5	11.3	4.2	11.8	7.8	4.7	7.4	0.0	7.4	6.8	0.0
Cycle Q Clear(g_c), s	3.4	15.5	11.3	4.2	11.8	7.8	4.7	7.4	0.0	7.4	6.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	307	890	397	245	826	368	265	1341		294	1969	
V/C Ratio(X)	0.46	0.77	0.59	0.70	0.65	0.45	0.72	0.32		1.02	0.29	
Avail Cap(c_a), veh/h	318	1206	538	274	1145	511	298	1341		294	1969	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	37.6	30.2	28.7	39.5	30.2	28.6	39.2	19.2	0.0	39.8	18.5	0.0
Incr Delay (d2), s/veh	1.1	2.1	1.4	6.8	0.9	0.9	7.2	0.6	0.0	56.7	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	6.6	4.2	2.0	4.9	2.9	2.2	3.0	0.0	5.4	2.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.7	32.4	30.1	46.3	31.0	29.5	46.4	19.8	0.0	96.5	18.9	0.0
LnGrp LOS	D	C	C	D	C	C	D	B		F	B	
Approach Vol, veh/h		1059			873			618			876	
Approach Delay, s/veh		32.7			33.7			28.0			45.4	
Approach LOS		C			C			C			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	37.4	10.8	26.8	11.3	38.1	12.3	25.2
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	7.4	32.8	6.9	*30	7.5	32.7	8.0	28.0
Max Q Clear Time (g_c+I1), s	9.4	9.4	6.2	17.5	6.7	8.8	5.4	13.8
Green Ext Time (p_c), s	0.0	2.7	0.0	4.2	0.0	3.9	0.1	3.4

Intersection Summary	
HCM 7th Control Delay, s/veh	35.4
HCM 7th LOS	D

Notes

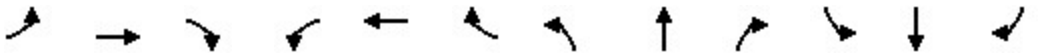
*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.
Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	45	6	423	23	2	8	108	372	3	5	487	21
Future Volume (vph)	45	6	423	23	2	8	108	372	3	5	487	21
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.97		1.00	1.00		1.00	0.99	
Flt Protected		0.96	1.00		0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1749	1553		1706		1736	1825		1736	1815	
Flt Permitted		0.77	1.00		0.83		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1400	1553		1463		1736	1825		1736	1815	
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	48	6	455	25	2	9	116	400	3	5	524	23
RTOR Reduction (vph)	0	0	260	0	7	0	0	0	0	0	2	0
Lane Group Flow (vph)	0	54	195	0	29	0	116	403	0	5	545	0
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		12.5	12.5		12.5		5.6	33.9		0.9	29.2	
Effective Green, g (s)		12.5	12.5		12.5		5.6	33.9		0.9	29.2	
Actuated g/C Ratio		0.21	0.21		0.21		0.09	0.57		0.02	0.49	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		292	324		305		162	1034		26	886	
v/s Ratio Prot							c0.07	0.22		0.00	c0.30	
v/s Ratio Perm		0.04	c0.13		0.02							
v/c Ratio		0.18	0.60		0.09		0.72	0.39		0.19	0.62	
Uniform Delay, d1		19.5	21.4		19.1		26.3	7.2		29.1	11.2	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.3	3.1		0.1		14.0	1.1		3.6	3.2	
Delay (s)		19.8	24.5		19.2		40.3	8.3		32.7	14.4	
Level of Service		B	C		B		D	A		C	B	
Approach Delay (s/veh)		24.0			19.2			15.5			14.5	
Approach LOS		C			B			B			B	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	17.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	59.8	Sum of lost time (s)	12.5
Intersection Capacity Utilization	66.8%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

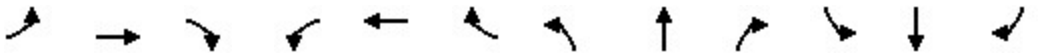
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	94	754	68	95	483	20	154	217	226	26	154	91
Future Volume (vph)	94	754	68	95	483	20	154	217	226	26	154	91
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.94	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1752	3505	1568	1752	3484		1665	1747	1568	3400	3309	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1752	3505	1568	1752	3484		1665	1722	1568	3400	3309	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	99	794	72	100	508	21	162	228	238	27	162	96
RTOR Reduction (vph)	0	0	53	0	4	0	0	0	138	0	65	0
Lane Group Flow (vph)	99	794	19	100	525	0	146	244	100	27	193	0
Heavy Vehicles (%)	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.4	23.3	23.3	9.0	24.5		10.7	44.1	37.9	2.2	29.4	
Effective Green, g (s)	7.4	23.3	23.3	9.0	24.5		10.7	44.1	37.9	2.2	29.4	
Actuated g/C Ratio	0.08	0.26	0.26	0.10	0.27		0.12	0.49	0.42	0.02	0.33	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	144	907	405	175	948		197	846	660	83	1080	
v/s Ratio Prot	c0.06	c0.23		0.06	0.15		c0.09	0.03		0.01	0.06	
v/s Ratio Perm			0.01					c0.11	0.06			
v/c Ratio	0.69	0.88	0.05	0.57	0.55		0.74	0.29	0.15	0.33	0.18	
Uniform Delay, d1	40.2	32.0	25.0	38.7	28.1		38.3	13.6	16.1	43.2	21.7	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	13.8	9.7	0.1	5.3	0.9		12.3	0.1	0.5	3.1	0.2	
Delay (s)	54.0	41.7	25.1	44.0	28.9		50.6	13.7	16.6	46.3	21.9	
Level of Service	D	D	C	D	C		D	B	B	D	C	
Approach Delay (s/veh)		41.7			31.3			23.4			24.2	
Approach LOS		D			C			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	32.5	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.59		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	60.2%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



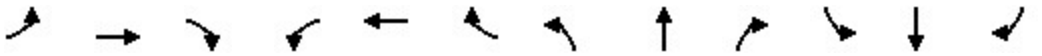
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	175	893	295	152	626	14	261	35	123	16	84	61
Future Volume (vph)	175	893	295	152	626	14	261	35	123	16	84	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (prot)	1719	4940	1538	1719	4924		1633	1656	1538		1795	1538
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (perm)	1719	4940	1538	1719	4924		1633	1656	1538		1795	1538
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	186	950	314	162	666	15	278	37	131	17	89	65
RTOR Reduction (vph)	0	0	198	0	3	0	0	0	106	0	0	59
Lane Group Flow (vph)	186	950	116	162	678	0	156	159	25	0	106	6
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		14.0	14.0	14.0		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		14.0	14.0	14.0		6.4	6.4
Actuated g/C Ratio	0.08	0.37	0.37	0.06	0.35		0.19	0.19	0.19		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	145	1822	567	109	1714		317	321	298		159	136
v/s Ratio Prot	c0.11	c0.19		0.09	0.14		0.10	c0.10			c0.06	
v/s Ratio Perm			0.08						0.02			0.00
v/c Ratio	1.28	0.52	0.20	1.49	0.40		0.49	0.50	0.09		0.67	0.04
Uniform Delay, d1	33.0	17.8	15.5	33.8	17.8		25.9	25.9	23.8		31.8	30.0
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	169.5	1.1	0.8	261.1	0.7		1.6	1.6	0.2		11.1	0.2
Delay (s)	202.5	18.8	16.3	294.9	18.5		27.5	27.5	24.0		42.9	30.2
Level of Service	F	B	B	F	B		C	C	C		D	C
Approach Delay (s/veh)		41.9			71.6			26.5			38.1	
Approach LOS		D			E			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	47.9	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	72.1	Sum of lost time (s)	20.5
Intersection Capacity Utilization	53.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	110	355	180	2	210	44	56	84	7	35	236	150
Future Volume (vph)	110	355	180	2	210	44	56	84	7	35	236	150
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.95		1.00	0.97		1.00	0.99		1.00	0.94	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1719	1718		1719	1762		1719	1788		1719	1704	
Flt Permitted	0.95	1.00		0.95	1.00		0.27	1.00		0.69	1.00	
Satd. Flow (perm)	1719	1718		1719	1762		482	1788		1254	1704	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	120	386	196	2	228	48	61	91	8	38	257	163
RTOR Reduction (vph)	0	21	0	0	9	0	0	5	0	0	37	0
Lane Group Flow (vph)	120	561	0	2	267	0	61	94	0	38	383	0
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Effective Green, g (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Actuated g/C Ratio	0.08	0.49		0.01	0.42		0.30	0.30		0.30	0.30	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	142	840		18	734		142	529		371	504	
v/s Ratio Prot	c0.07	c0.33		0.00	0.15			0.05			c0.22	
v/s Ratio Perm							0.13			0.03		
v/c Ratio	0.85	0.67		0.11	0.36		0.43	0.18		0.10	0.76	
Uniform Delay, d1	28.8	12.4		31.2	12.8		18.1	16.7		16.3	20.4	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	35.5	4.2		3.7	1.4		2.8	0.2		0.2	6.9	
Delay (s)	64.4	16.5		35.0	14.2		20.9	16.9		16.5	27.3	
Level of Service	E	B		C	B		C	B		B	C	
Approach Delay (s/veh)		24.7			14.3			18.4			26.4	
Approach LOS		C			B			B			C	

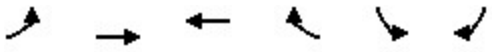
Intersection Summary			
HCM 2000 Control Delay (s/veh)	22.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.75		
Actuated Cycle Length (s)	63.8	Sum of lost time (s)	13.0
Intersection Capacity Utilization	74.1%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	135	657	225	165	514	159	183	410	191	287	554	143
Future Volume (vph)	135	657	225	165	514	159	183	410	191	287	554	143
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	141	684	234	172	535	166	191	427	199	299	577	149
RTOR Reduction (vph)	0	0	171	0	0	93	0	0	126	0	0	88
Lane Group Flow (vph)	141	684	63	172	535	73	191	427	73	299	577	61
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	24.0	24.0	6.9	22.5	22.5	7.5	32.9	32.9	7.4	32.8	32.8
Effective Green, g (s)	8.0	24.0	24.0	6.9	22.5	22.5	7.5	32.9	32.9	7.4	32.8	32.8
Actuated g/C Ratio	0.09	0.27	0.27	0.08	0.25	0.25	0.08	0.37	0.37	0.08	0.37	0.37
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	306	947	424	264	888	397	287	1299	581	283	1861	579
v/s Ratio Prot	0.04	c0.19		c0.05	0.15		0.06	c0.12		c0.09	0.11	
v/s Ratio Perm			0.04			0.05			0.05			0.04
v/c Ratio	0.46	0.72	0.15	0.65	0.60	0.18	0.67	0.33	0.13	1.06	0.31	0.11
Uniform Delay, d1	38.8	29.8	25.0	40.2	29.6	26.3	39.8	20.4	18.8	41.1	20.3	18.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.1	2.7	0.2	5.7	1.2	0.2	5.7	0.7	0.4	69.2	0.4	0.4
Delay (s)	39.9	32.5	25.2	45.8	30.8	26.6	45.6	21.1	19.3	110.3	20.7	19.1
Level of Service	D	C	C	D	C	C	D	C	B	F	C	B
Approach Delay (s/veh)		31.9			32.9			26.4			46.6	
Approach LOS		C			C			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.9	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.57		
Actuated Cycle Length (s)	89.6	Sum of lost time (s)	18.8
Intersection Capacity Utilization	57.7%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	468	820	672	478	0	576
Future Volume (vph)	468	820	672	478	0	576
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1719	3438	3438	1538		1565
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1719	3438	3438	1538		1565
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	498	872	715	509	0	613
RTOR Reduction (vph)	0	0	0	119	0	75
Lane Group Flow (vph)	498	872	715	390	0	538
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	22.9	60.0	27.3	27.3		22.9
Effective Green, g (s)	22.9	60.0	27.3	27.3		22.9
Actuated g/C Ratio	0.38	1.00	0.46	0.46		0.38
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	656	3438	1564	699		597
v/s Ratio Prot	0.29	0.25	0.21			
v/s Ratio Perm				c0.25		c0.34
v/c Ratio	0.76	0.25	0.46	0.56		0.90
Uniform Delay, d1	16.1	0.0	11.3	11.9		17.5
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	5.0	0.2	1.0	3.2		16.7
Delay (s)	21.2	0.2	12.2	15.1		34.2
Level of Service	C	A	B	B		C
Approach Delay (s/veh)		7.8	13.4		34.2	
Approach LOS		A	B		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	15.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.71		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	63.7%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	914	889	347	899	0	0	0	391	0	0	550
Future Volume (vph)	0	914	889	347	899	0	0	0	391	0	0	550
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3438	2707	3335	3438				2707			2707
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3438	2707	3335	3438				2707			2707
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	993	966	377	977	0	0	0	425	0	0	598
RTOR Reduction (vph)	0	0	67	0	0	0	0	0	198	0	0	138
Lane Group Flow (vph)	0	993	899	377	977	0	0	0	227	0	0	460
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.1	45.1	15.0	40.0				15.0			20.1
Effective Green, g (s)		45.1	45.1	15.0	40.0				15.0			20.1
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2218	1746	715	1967				580			778
v/s Ratio Prot		0.29		0.11	0.28							
v/s Ratio Perm			c0.33						0.08			c0.17
v/c Ratio		0.45	0.51	0.53	0.50				0.39			0.59
Uniform Delay, d1		6.2	6.6	24.3	8.9				23.5			21.4
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.7	1.1	0.7	0.9				0.4			1.2
Delay (s)		6.8	7.7	25.0	9.8				24.0			22.6
Level of Service		A	A	C	A				C			C
Approach Delay (s/veh)		7.3			14.1			24.0			22.6	
Approach LOS		A			B			C			C	

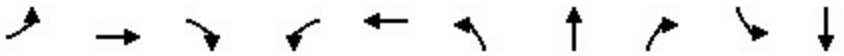
Intersection Summary			
HCM 2000 Control Delay (s/veh)	13.1	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.56		
Actuated Cycle Length (s)	69.9	Sum of lost time (s)	9.8
Intersection Capacity Utilization	52.3%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	54	455	36	116	403	5	547
v/c Ratio	0.18	0.76	0.11	0.52	0.37	0.03	0.64
Control Delay (s/veh)	18.7	15.1	14.3	36.9	10.0	28.2	19.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	18.7	15.1	14.3	36.9	10.0	28.2	19.5
Queue Length 50th (ft)	15	38	8	38	52	2	139
Queue Length 95th (ft)	38	119	25	#116	213	12	#375
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	625	876	658	233	1091	173	860
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.09	0.52	0.05	0.50	0.37	0.03	0.64

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

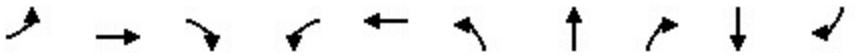


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	99	794	72	100	529	146	244	238	27	258
v/c Ratio	0.58	0.88	0.14	0.49	0.56	0.73	1.29	0.28	0.13	0.22
Control Delay (s/veh)	52.6	44.5	0.5	45.3	30.2	60.1	200.1	3.8	41.5	15.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.6	44.5	0.5	45.3	30.2	60.1	200.1	3.8	41.5	15.6
Queue Length 50th (ft)	55	226	0	53	132	84	~172	0	7	36
Queue Length 95th (ft)	#109	#333	0	103	183	#168	#326	48	21	67
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	179	918	536	233	986	222	189	845	215	1173
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.55	0.86	0.13	0.43	0.54	0.66	1.29	0.28	0.13	0.22

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

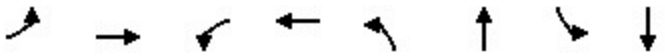


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	186	950	314	162	681	156	159	131	106	65
v/c Ratio	1.28	0.52	0.41	1.49	0.40	0.49	0.50	0.31	0.67	0.23
Control Delay (s/veh)	201.7	19.8	4.3	290.0	19.3	31.1	31.1	5.6	55.9	2.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	201.7	19.8	4.3	290.0	19.3	31.1	31.1	5.6	55.9	2.0
Queue Length 50th (ft)	~107	117	0	~101	81	65	67	0	47	0
Queue Length 95th (ft)	#247	179	52	#233	128	121	122	31	#130	0
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	145	1818	764	109	1713	725	735	766	159	279
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.28	0.52	0.41	1.49	0.40	0.22	0.22	0.17	0.67	0.23

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

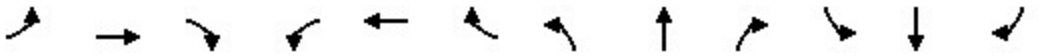
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	120	582	2	276	61	99	38	420
v/c Ratio	0.59	0.64	0.02	0.39	0.44	0.19	0.10	0.74
Control Delay (s/veh)	43.6	17.5	30.5	17.0	27.1	15.1	15.2	24.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	43.6	17.5	30.5	17.0	27.1	15.1	15.2	24.9
Queue Length 50th (ft)	44	125	1	71	18	25	10	122
Queue Length 95th (ft)	#127	#401	7	153	50	54	28	211
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	202	903	115	713	218	815	569	802
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.59	0.64	0.02	0.39	0.28	0.12	0.07	0.52

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

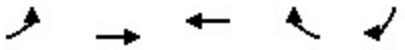


Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	141	684	234	172	535	166	191	427	199	299	577	149
v/c Ratio	0.46	0.72	0.39	0.65	0.60	0.34	0.67	0.33	0.28	1.06	0.31	0.22
Control Delay (s/veh)	45.2	34.4	5.6	53.8	32.5	10.4	53.1	22.1	4.5	110.9	21.6	5.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	45.2	34.4	5.6	53.8	32.5	10.4	53.1	22.1	4.5	110.9	21.6	5.6
Queue Length 50th (ft)	40	184	0	50	140	18	55	91	0	~97	85	4
Queue Length 95th (ft)	73	244	52	#97	192	66	#106	140	46	#191	123	45
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	307	1167	678	264	1107	580	287	1297	706	283	1859	666
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.46	0.59	0.35	0.65	0.48	0.29	0.67	0.33	0.28	1.06	0.31	0.22

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	498	872	715	509	613
v/c Ratio	0.76	0.25	0.46	0.62	0.91
Control Delay (s/veh)	24.8	0.2	12.9	11.2	34.7
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.8	0.2	12.9	11.2	34.7
Queue Length 50th (ft)	145	0	93	71	159
Queue Length 95th (ft)	#251	0	134	165	#348
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	696	3438	1565	819	706
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.72	0.25	0.46	0.62	0.87

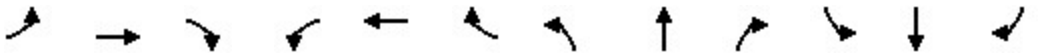
Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	993	966	377	977	425	598
v/c Ratio	0.45	0.53	0.53	0.50	0.55	0.65
Control Delay (s/veh)	7.0	6.5	27.4	10.1	12.8	18.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	7.0	6.5	27.4	10.1	12.8	18.3
Queue Length 50th (ft)	95	82	74	118	35	84
Queue Length 95th (ft)	132	127	113	167	78	139
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2217	1812	720	1966	782	938
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.53	0.52	0.50	0.54	0.64

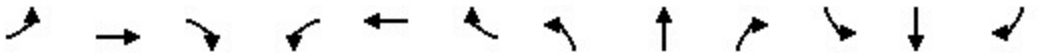
Intersection Summary



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	14	11	149	3	3	3	218	740	25	7	190	25
Future Volume (veh/h)	14	11	149	3	3	3	218	740	25	7	190	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811	1811
Adj Flow Rate, veh/h	15	12	164	3	3	3	240	813	27	8	209	27
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Percent Heavy Veh, %	6	6	6	6	6	6	6	6	6	6	6	6
Cap, veh/h	193	126	216	124	105	73	298	1110	37	14	743	96
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	0.17	0.64	0.64	0.01	0.47	0.47
Sat Flow, veh/h	692	893	1535	295	743	519	1725	1743	58	1725	1572	203
Grp Volume(v), veh/h	27	0	164	9	0	0	240	0	840	8	0	236
Grp Sat Flow(s),veh/h/ln	1585	0	1535	1556	0	0	1725	0	1801	1725	0	1775
Q Serve(g_s), s	0.0	0.0	6.0	0.0	0.0	0.0	7.8	0.0	18.6	0.3	0.0	4.7
Cycle Q Clear(g_c), s	0.8	0.0	6.0	0.3	0.0	0.0	7.8	0.0	18.6	0.3	0.0	4.7
Prop In Lane	0.56		1.00	0.33		0.33	1.00		0.03	1.00		0.11
Lane Grp Cap(c), veh/h	319	0	216	301	0	0	298	0	1147	14	0	839
V/C Ratio(X)	0.08	0.00	0.76	0.03	0.00	0.00	0.81	0.00	0.73	0.56	0.00	0.28
Avail Cap(c_a), veh/h	747	0	645	708	0	0	583	0	1147	165	0	839
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	21.9	0.0	24.2	21.7	0.0	0.0	23.3	0.0	7.2	28.9	0.0	9.4
Incr Delay (d2), s/veh	0.1	0.0	5.4	0.0	0.0	0.0	5.1	0.0	4.1	29.6	0.0	0.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	0.3	0.1	0.0	0.0	3.3	0.0	5.7	0.2	0.0	1.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	22.0	0.0	29.5	21.8	0.0	0.0	28.4	0.0	11.4	58.5	0.0	10.2
LnGrp LOS	C		C	C			C		B	E		B
Approach Vol, veh/h		191			9			1080			244	
Approach Delay, s/veh		28.5			21.8			15.2			11.8	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	41.8		12.3	14.1	32.2		12.3				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.6	37.3		24.6	19.8	23.1		24.6				
Max Q Clear Time (g_c+I1), s	2.3	20.6		8.0	9.8	6.7		2.3				
Green Ext Time (p_c), s	0.0	5.7		0.6	0.5	1.1		0.0				

Intersection Summary			
HCM 7th Control Delay, s/veh		16.3	
HCM 7th LOS		B	



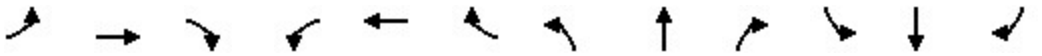
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	54	501	82	153	579	13	188	216	249	42	208	59
Future Volume (veh/h)	54	501	82	153	579	13	188	216	249	42	208	59
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	66	611	100	187	706	16	229	263	304	51	254	72
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	84	753	336	219	1022	23	226	742	629	105	824	229
Arrive On Green	0.05	0.22	0.22	0.13	0.30	0.30	0.04	0.14	0.14	0.03	0.32	0.32
Sat Flow, veh/h	1697	3385	1510	1697	3383	77	1697	1781	1510	3291	2617	726
Grp Volume(v), veh/h	66	611	100	187	353	369	229	263	304	51	162	164
Grp Sat Flow(s),veh/h/ln	1697	1692	1510	1697	1692	1768	1697	1781	1510	1646	1692	1651
Q Serve(g_s), s	3.5	15.4	5.0	9.7	16.6	16.6	12.0	12.0	16.7	1.4	6.5	6.8
Cycle Q Clear(g_c), s	3.5	15.4	5.0	9.7	16.6	16.6	12.0	12.0	16.7	1.4	6.5	6.8
Prop In Lane	1.00		1.00	1.00		0.04	1.00		1.00	1.00		0.44
Lane Grp Cap(c), veh/h	84	753	336	219	511	534	226	742	629	105	533	520
V/C Ratio(X)	0.79	0.81	0.30	0.85	0.69	0.69	1.01	0.35	0.48	0.48	0.30	0.31
Avail Cap(c_a), veh/h	173	865	386	226	511	534	226	742	629	201	533	520
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	42.3	33.2	29.1	38.4	27.7	27.7	43.0	27.9	29.9	42.8	23.4	23.4
Incr Delay (d2), s/veh	20.0	5.7	0.7	26.1	4.4	4.2	63.0	1.3	2.7	4.8	1.2	1.2
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	6.7	1.8	5.5	7.0	7.3	9.4	6.0	7.1	0.6	2.7	2.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	62.3	38.9	29.8	64.4	32.1	31.9	106.1	29.2	32.5	47.7	24.5	24.7
LnGrp LOS	E	D	C	E	C	C	F	C	C	D	C	C
Approach Vol, veh/h		777			909			796			377	
Approach Delay, s/veh		39.7			38.6			52.6			27.7	
Approach LOS		D			D			D			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	6.9	42.5	15.6	25.0	16.0	33.4	8.5	32.2
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	3.4	18.7	11.7	17.4	14.0	8.8	5.5	18.6
Green Ext Time (p_c), s	0.0	5.1	0.0	2.6	0.0	3.8	0.1	3.1

Intersection Summary	
HCM 7th Control Delay, s/veh	41.4
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.
*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



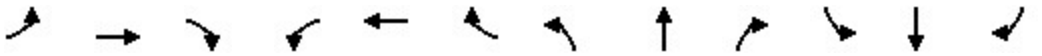
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	146	695	339	93	752	50	187	45	64	40	100	128
Future Volume (veh/h)	146	695	339	93	752	50	187	45	64	40	100	128
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752	1752
Adj Flow Rate, veh/h	168	799	390	107	864	57	134	166	74	46	115	147
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	10	10	10	10	10	10	10	10	10	10	10	10
Cap, veh/h	149	1851	575	112	1674	110	255	268	227	46	115	139
Arrive On Green	0.09	0.39	0.39	0.07	0.37	0.37	0.15	0.15	0.15	0.09	0.09	0.09
Sat Flow, veh/h	1668	4782	1485	1668	4584	302	1668	1752	1485	493	1234	1485
Grp Volume(v), veh/h	168	799	390	107	600	321	134	166	74	161	0	147
Grp Sat Flow(s),veh/h/ln	1668	1594	1485	1668	1594	1698	1668	1752	1485	1727	0	1485
Q Serve(g_s), s	6.1	8.4	15.0	4.4	10.1	10.1	5.1	6.1	3.0	6.4	0.0	6.4
Cycle Q Clear(g_c), s	6.1	8.4	15.0	4.4	10.1	10.1	5.1	6.1	3.0	6.4	0.0	6.4
Prop In Lane	1.00		1.00	1.00		0.18	1.00		1.00	0.29		1.00
Lane Grp Cap(c), veh/h	149	1851	575	112	1164	620	255	268	227	161	0	139
V/C Ratio(X)	1.13	0.43	0.68	0.95	0.52	0.52	0.53	0.62	0.33	1.00	0.00	1.06
Avail Cap(c_a), veh/h	149	1851	575	112	1164	620	780	819	694	161	0	139
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	31.2	15.4	17.4	31.8	17.0	17.0	26.7	27.1	25.9	31.0	0.0	31.0
Incr Delay (d2), s/veh	113.0	0.7	6.3	70.8	1.6	3.1	2.4	3.3	1.2	70.0	0.0	93.1
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	7.0	2.9	5.5	3.9	3.6	4.1	2.1	2.7	1.1	5.7	0.0	5.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	144.2	16.2	23.8	102.6	18.6	20.1	29.1	30.5	27.0	101.0	0.0	124.1
LnGrp LOS	F	B	C	F	B	C	C	C	C	F		F
Approach Vol, veh/h		1357			1028			374			308	
Approach Delay, s/veh		34.2			27.8			29.3			112.0	
Approach LOS		C			C			C			F	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		11.0	11.5	30.4		15.6				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.4	17.0		8.4	8.1	12.1		8.1				
Green Ext Time (p_c), s	0.0	7.5		0.0	0.0	8.6		2.4				

Intersection Summary		
HCM 7th Control Delay, s/veh	39.3	
HCM 7th LOS	D	

Notes

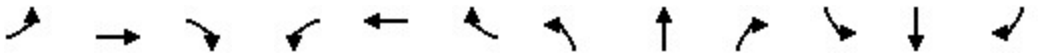
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	72	275	72	6	420	29	109	113	15	77	176	185
Future Volume (veh/h)	72	275	72	6	420	29	109	113	15	77	176	185
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781	1781
Adj Flow Rate, veh/h	80	306	80	7	467	32	121	126	17	86	196	206
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	8	8	8	8	8	8	8	8	8	8	8	8
Cap, veh/h	101	621	162	12	666	46	240	555	75	458	287	302
Arrive On Green	0.06	0.46	0.46	0.01	0.40	0.40	0.36	0.36	0.36	0.36	0.36	0.36
Sat Flow, veh/h	1697	1361	356	1697	1648	113	936	1537	207	1186	795	836
Grp Volume(v), veh/h	80	0	386	7	0	499	121	0	143	86	0	402
Grp Sat Flow(s),veh/h/ln	1697	0	1717	1697	0	1761	936	0	1744	1186	0	1631
Q Serve(g_s), s	3.4	0.0	11.7	0.3	0.0	17.4	9.3	0.0	4.2	4.0	0.0	15.5
Cycle Q Clear(g_c), s	3.4	0.0	11.7	0.3	0.0	17.4	24.8	0.0	4.2	8.3	0.0	15.5
Prop In Lane	1.00		0.21	1.00		0.06	1.00		0.12	1.00		0.51
Lane Grp Cap(c), veh/h	101	0	783	12	0	711	240	0	630	458	0	589
V/C Ratio(X)	0.79	0.00	0.49	0.57	0.00	0.70	0.50	0.00	0.23	0.19	0.00	0.68
Avail Cap(c_a), veh/h	115	0	783	92	0	711	244	0	639	464	0	597
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	34.4	0.0	14.1	36.6	0.0	18.3	30.6	0.0	16.5	19.3	0.0	20.1
Incr Delay (d2), s/veh	30.3	0.0	2.2	47.9	0.0	5.7	2.3	0.0	0.3	0.3	0.0	3.5
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.2	0.0	4.6	0.3	0.0	7.7	2.2	0.0	1.6	1.1	0.0	6.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	64.6	0.0	16.3	84.5	0.0	24.1	32.9	0.0	16.7	19.6	0.0	23.6
LnGrp LOS	E		B	F		C	C		B	B		C
Approach Vol, veh/h		466			506			264			488	
Approach Delay, s/veh		24.6			24.9			24.1			22.9	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.5	38.3		31.2	8.4	34.4		31.2				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	30.9		27.1	5.0	29.9		27.1				
Max Q Clear Time (g_c+I1), s	2.3	13.7		26.8	5.4	19.4		17.5				
Green Ext Time (p_c), s	0.0	3.1		0.1	0.0	3.1		2.8				

Intersection Summary		
HCM 7th Control Delay, s/veh		24.1
HCM 7th LOS		C



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	181	372	152	195	690	134	181	629	178	165	517	142
Future Volume (veh/h)	181	372	152	195	690	134	181	629	178	165	517	142
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	189	388	158	203	719	140	189	655	0	172	539	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	301	913	407	273	884	394	264	1321		241	1864	
Arrive On Green	0.09	0.26	0.26	0.08	0.25	0.25	0.08	0.38	0.00	0.07	0.37	0.00
Sat Flow, veh/h	3401	3497	1560	3401	3497	1560	3401	3497	1560	3401	5025	1560
Grp Volume(v), veh/h	189	388	158	203	719	140	189	655	0	172	539	0
Grp Sat Flow(s),veh/h/ln	1700	1749	1560	1700	1749	1560	1700	1749	1560	1700	1675	1560
Q Serve(g_s), s	4.8	8.3	7.5	5.2	17.3	6.6	4.9	12.8	0.0	4.4	6.8	0.0
Cycle Q Clear(g_c), s	4.8	8.3	7.5	5.2	17.3	6.6	4.9	12.8	0.0	4.4	6.8	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	301	913	407	273	884	394	264	1321		241	1864	
V/C Ratio(X)	0.63	0.42	0.39	0.74	0.81	0.35	0.72	0.50		0.71	0.29	
Avail Cap(c_a), veh/h	304	1133	505	281	1094	488	357	1321		243	1864	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	39.4	27.5	27.2	40.2	31.4	27.4	40.3	21.3	0.0	40.7	19.8	0.0
Incr Delay (d2), s/veh	4.0	0.3	0.6	9.9	3.9	0.5	4.4	1.3	0.0	9.4	0.4	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.1	3.4	2.7	2.5	7.4	2.4	2.1	5.2	0.0	2.1	2.6	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	43.4	27.8	27.8	50.1	35.4	28.0	44.7	22.7	0.0	50.1	20.2	0.0
LnGrp LOS	D	C	C	D	D	C	D	C		D	C	
Approach Vol, veh/h		735			1062			844			711	
Approach Delay, s/veh		31.8			37.2			27.6			27.4	
Approach LOS		C			D			C			C	

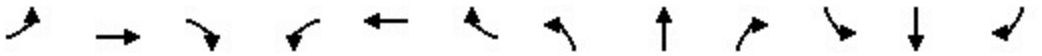
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.9	38.4	11.8	28.4	11.5	37.8	12.5	27.6
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	6.4	33.8	7.4	*29	9.4	30.8	8.0	28.0
Max Q Clear Time (g_c+I1), s	6.4	14.8	7.2	10.3	6.9	8.8	6.8	19.3
Green Ext Time (p_c), s	0.0	4.2	0.0	2.8	0.1	3.6	0.1	3.3

Intersection Summary	
HCM 7th Control Delay, s/veh	31.5
HCM 7th LOS	C

Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.

Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	14	11	149	3	3	3	218	740	25	7	190	25
Future Volume (vph)	14	11	149	3	3	3	218	740	25	7	190	25
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.96		1.00	1.00		1.00	0.98	
Flt Protected		0.97	1.00		0.98		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1744	1524		1684		1703	1784		1703	1762	
Flt Permitted		0.85	1.00		0.92		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1520	1524		1571		1703	1784		1703	1762	
Peak-hour factor, PHF	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Adj. Flow (vph)	15	12	164	3	3	3	240	813	27	8	209	27
RTOR Reduction (vph)	0	0	144	0	3	0	0	1	0	0	4	0
Lane Group Flow (vph)	0	27	20	0	6	0	240	839	0	8	232	0
Heavy Vehicles (%)	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%	6%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		7.2	7.2		7.2		13.0	39.4		1.0	27.4	
Effective Green, g (s)		7.2	7.2		7.2		13.0	39.4		1.0	27.4	
Actuated g/C Ratio		0.12	0.12		0.12		0.22	0.66		0.02	0.46	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		182	182		188		368	1169		28	803	
v/s Ratio Prot							c0.14	c0.47		0.00	0.13	
v/s Ratio Perm		c0.02	0.01		0.00							
v/c Ratio		0.15	0.11		0.03		0.65	0.72		0.29	0.29	
Uniform Delay, d1		23.7	23.6		23.4		21.5	6.7		29.2	10.2	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.4	0.3		0.1		4.1	3.8		5.6	0.9	
Delay (s)		24.1	23.8		23.4		25.6	10.5		34.8	11.1	
Level of Service		C	C		C		C	B		C	B	
Approach Delay (s/veh)		23.9			23.4			13.9			11.9	
Approach LOS		C			C			B			B	

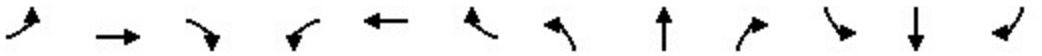
Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.65		
Actuated Cycle Length (s)	60.1	Sum of lost time (s)	12.5
Intersection Capacity Utilization	59.2%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	54	501	82	153	579	13	188	216	249	42	208	59
Future Volume (vph)	54	501	82	153	579	13	188	216	249	42	208	59
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85	1.00	0.97	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1671	3343	1495	1671	3331		1588	1665	1495	3242	3232	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00	0.95	1.00	
Satd. Flow (perm)	1671	3343	1495	1671	3331		1588	1625	1495	3242	3232	
Peak-hour factor, PHF	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Adj. Flow (vph)	66	611	100	187	706	16	229	263	304	51	254	72
RTOR Reduction (vph)	0	0	76	0	1	0	0	0	185	0	29	0
Lane Group Flow (vph)	66	611	24	187	721	0	206	286	119	51	297	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.2	22.0	22.0	12.0	26.4		13.1	42.4	35.1	3.3	25.3	
Effective Green, g (s)	7.2	22.0	22.0	12.0	26.4		13.1	42.4	35.1	3.3	25.3	
Actuated g/C Ratio	0.08	0.24	0.24	0.13	0.29		0.15	0.47	0.39	0.04	0.28	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	133	817	365	222	977		231	771	583	118	908	
v/s Ratio Prot	0.04	0.18		c0.11	c0.22		c0.13	0.05		0.02	0.09	
v/s Ratio Perm			0.02					c0.12	0.08			
v/c Ratio	0.50	0.75	0.07	0.84	0.74		0.89	0.37	0.20	0.43	0.33	
Uniform Delay, d1	39.7	31.4	26.1	38.1	28.7		37.8	15.3	18.2	42.4	25.6	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	3.9	4.0	0.1	24.9	3.1		31.3	0.1	0.8	3.4	0.6	
Delay (s)	43.6	35.4	26.2	63.0	31.8		69.1	15.4	19.0	45.9	26.2	
Level of Service	D	D	C	E	C		E	B	B	D	C	
Approach Delay (s/veh)		35.0			38.2			30.6			28.9	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	34.0	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.69		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	56.8%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	146	695	339	93	752	50	187	45	64	40	100	128
Future Volume (vph)	146	695	339	93	752	50	187	45	64	40	100	128
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (prot)	1641	4715	1468	1641	4672		1559	1592	1468		1703	1468
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.97	1.00		0.99	1.00
Satd. Flow (perm)	1641	4715	1468	1641	4672		1559	1592	1468		1703	1468
Peak-hour factor, PHF	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Adj. Flow (vph)	168	799	390	107	864	57	215	52	74	46	115	147
RTOR Reduction (vph)	0	0	243	0	7	0	0	0	61	0	0	134
Lane Group Flow (vph)	168	799	147	107	914	0	133	134	13	0	161	13
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		12.7	12.7	12.7		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		12.7	12.7	12.7		6.4	6.4
Actuated g/C Ratio	0.09	0.38	0.38	0.06	0.35		0.18	0.18	0.18		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	141	1771	551	106	1656		279	285	263		153	132
v/s Ratio Prot	c0.10	0.17		0.07	c0.20		c0.09	0.08			c0.09	
v/s Ratio Perm			0.10						0.01			0.01
v/c Ratio	1.19	0.45	0.27	1.01	0.55		0.48	0.47	0.05		1.05	0.10
Uniform Delay, d1	32.4	16.6	15.3	33.1	18.3		26.1	26.0	24.1		32.2	29.6
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	136.4	0.8	1.2	90.0	1.3		1.8	1.7	0.1		87.3	0.5
Delay (s)	168.7	17.4	16.5	123.1	19.7		27.8	27.7	24.2		119.5	30.0
Level of Service	F	B	B	F	B		C	C	C		F	C
Approach Delay (s/veh)		35.9			30.4			27.0			76.8	
Approach LOS		D			C			C			E	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	37.2	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.67		
Actuated Cycle Length (s)	70.8	Sum of lost time (s)	20.5
Intersection Capacity Utilization	50.7%	ICU Level of Service	A
Analysis Period (min)	15		
c Critical Lane Group			

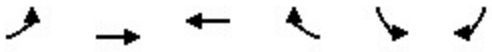


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	72	275	72	6	420	29	109	113	15	77	176	185
Future Volume (vph)	72	275	72	6	420	29	109	113	15	77	176	185
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.97		1.00	0.99		1.00	0.98		1.00	0.92	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1671	1705		1671	1742		1671	1728		1671	1624	
Flt Permitted	0.95	1.00		0.95	1.00		0.26	1.00		0.67	1.00	
Satd. Flow (perm)	1671	1705		1671	1742		453	1728		1171	1624	
Peak-hour factor, PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Adj. Flow (vph)	80	306	80	7	467	32	121	126	17	86	196	206
RTOR Reduction (vph)	0	10	0	0	3	0	0	7	0	0	57	0
Lane Group Flow (vph)	80	376	0	7	496	0	121	136	0	86	345	0
Heavy Vehicles (%)	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%	8%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	3.8	36.2		0.7	33.1		19.3	19.3		19.3	19.3	
Effective Green, g (s)	3.8	36.2		0.7	33.1		19.3	19.3		19.3	19.3	
Actuated g/C Ratio	0.05	0.52		0.01	0.48		0.28	0.28		0.28	0.28	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	91	891		16	833		126	481		326	452	
v/s Ratio Prot	c0.05	c0.22		0.00	c0.28			0.08			0.21	
v/s Ratio Perm							c0.27			0.07		
v/c Ratio	0.88	0.42		0.44	0.60		0.96	0.28		0.26	0.76	
Uniform Delay, d1	32.5	10.1		34.1	13.2		24.6	19.5		19.4	22.9	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	57.3	1.5		24.0	3.1		67.9	0.4		0.6	7.9	
Delay (s)	89.8	11.6		58.0	16.3		92.5	20.0		20.0	30.8	
Level of Service	F	B		E	B		F	B		C	C	
Approach Delay (s/veh)		25.0			16.9			53.2			28.9	
Approach LOS		C			B			D			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	28.0	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.72		
Actuated Cycle Length (s)	69.2	Sum of lost time (s)	13.0
Intersection Capacity Utilization	69.1%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	181	372	152	195	690	134	181	629	178	165	517	142
Future Volume (vph)	181	372	152	195	690	134	181	629	178	165	517	142
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3367	3471	1553	3367	3471	1553	3367	3471	1553	3367	4988	1553
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	189	388	158	203	719	140	189	655	185	172	539	148
RTOR Reduction (vph)	0	0	114	0	0	91	0	0	117	0	0	94
Lane Group Flow (vph)	189	388	44	203	719	49	189	655	68	172	539	54
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	25.5	25.5	7.4	24.5	24.5	8.9	33.9	33.9	6.4	31.4	31.4
Effective Green, g (s)	8.0	25.5	25.5	7.4	24.5	24.5	8.9	33.9	33.9	6.4	31.4	31.4
Actuated g/C Ratio	0.09	0.28	0.28	0.08	0.27	0.27	0.10	0.37	0.37	0.07	0.34	0.34
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	294	966	432	272	928	415	327	1284	574	235	1709	532
v/s Ratio Prot	0.06	0.11		c0.06	c0.21		c0.06	c0.19		0.05	0.11	
v/s Ratio Perm			0.03			0.03			0.04			0.03
v/c Ratio	0.64	0.40	0.10	0.75	0.77	0.12	0.58	0.51	0.12	0.73	0.32	0.10
Uniform Delay, d1	40.4	26.9	24.5	41.2	31.0	25.4	39.6	22.4	19.0	41.8	22.2	20.5
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	4.8	0.3	0.1	10.6	4.1	0.1	2.5	1.5	0.4	11.1	0.5	0.4
Delay (s)	45.2	27.1	24.6	51.8	35.1	25.5	42.0	23.9	19.4	52.9	22.7	20.9
Level of Service	D	C	C	D	D	C	D	C	B	D	C	C
Approach Delay (s/veh)		31.2			37.0			26.4			28.4	
Approach LOS		C			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	30.9	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	91.6	Sum of lost time (s)	18.8
Intersection Capacity Utilization	63.5%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	367	877	722	411	0	709
Future Volume (vph)	367	877	722	411	0	709
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1641	3282	3282	1468		1494
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1641	3282	3282	1468		1494
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	390	933	768	437	0	754
RTOR Reduction (vph)	0	0	0	285	0	21
Lane Group Flow (vph)	390	933	768	152	0	733
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	42.4	80.0	27.8	27.8		42.4
Effective Green, g (s)	42.4	80.0	27.8	27.8		42.4
Actuated g/C Ratio	0.53	1.00	0.35	0.35		0.53
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	869	3282	1140	510		791
v/s Ratio Prot	0.24	0.28	c0.23			
v/s Ratio Perm				0.10		c0.49
v/c Ratio	0.45	0.28	0.67	0.30		0.93
Uniform Delay, d1	11.6	0.0	22.2	19.0		17.4
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	0.4	0.2	3.2	1.5		16.6
Delay (s)	12.0	0.2	25.4	20.5		34.0
Level of Service	B	A	C	C		C
Approach Delay (s/veh)		3.7	23.6		34.0	
Approach LOS		A	C		C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	18.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.83		
Actuated Cycle Length (s)	80.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	72.0%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	786	646	311	1118	0	0	0	436	0	0	594
Future Volume (vph)	0	786	646	311	1118	0	0	0	436	0	0	594
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3282	2584	3183	3282				2584			2584
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3282	2584	3183	3282				2584			2584
Peak-hour factor, PHF	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Adj. Flow (vph)	0	810	666	321	1153	0	0	0	449	0	0	612
RTOR Reduction (vph)	0	0	96	0	0	0	0	0	292	0	0	89
Lane Group Flow (vph)	0	810	570	321	1153	0	0	0	158	0	0	523
Heavy Vehicles (%)	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.2	45.2	15.0	39.9				15.0			20.3
Effective Green, g (s)		45.2	45.2	15.0	39.9				15.0			20.3
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2119	1668	682	1870				553			749
v/s Ratio Prot		0.25		0.10	c0.35							
v/s Ratio Perm			0.22						0.06			c0.20
v/c Ratio		0.38	0.34	0.47	0.62				0.28			0.70
Uniform Delay, d1		5.8	5.6	24.0	10.0				23.0			22.1
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.5	0.6	0.5	1.5				0.3			2.8
Delay (s)		6.4	6.2	24.5	11.5				23.3			25.0
Level of Service		A	A	C	B				C			C
Approach Delay (s/veh)		6.3			14.4			23.3			25.0	
Approach LOS		A			B			C			C	

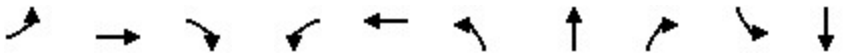
Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.0	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.64		
Actuated Cycle Length (s)	70.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	59.9%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	27	164	9	240	840	8	236
v/c Ratio	0.14	0.49	0.04	0.61	0.68	0.05	0.32
Control Delay (s/veh)	24.9	10.4	20.4	26.8	10.8	26.6	13.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.9	10.4	20.4	26.8	10.8	26.6	13.5
Queue Length 50th (ft)	8	0	2	70	98	2	47
Queue Length 95th (ft)	29	46	13	141	#490	15	119
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	663	757	687	598	1237	169	747
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.22	0.01	0.40	0.68	0.05	0.32

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

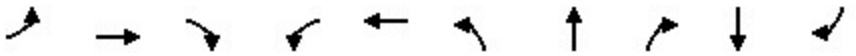


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	66	611	100	187	722	206	286	304	51	326
v/c Ratio	0.42	0.77	0.21	0.84	0.74	0.89	1.28	0.38	0.24	0.34
Control Delay (s/veh)	46.6	39.3	1.5	70.7	34.4	77.4	189.3	4.1	43.0	23.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	46.6	39.3	1.5	70.7	34.4	77.4	189.3	4.1	43.0	23.4
Queue Length 50th (ft)	36	166	0	105	196	124	~231	0	14	67
Queue Length 95th (ft)	70	201	0	#190	233	#232	#348	36	29	92
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	170	854	508	222	995	231	224	799	217	962
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.39	0.72	0.20	0.84	0.73	0.89	1.28	0.38	0.24	0.34

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

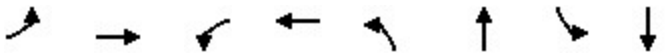


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	168	799	390	107	921	133	134	74	161	147
v/c Ratio	1.19	0.45	0.49	1.01	0.55	0.48	0.47	0.19	1.05	0.54
Control Delay (s/veh)	170.1	18.2	4.5	129.2	20.3	31.7	31.4	1.1	122.9	13.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	170.1	18.2	4.5	129.2	20.3	31.7	31.4	1.1	122.9	13.5
Queue Length 50th (ft)	~89	91	0	47	112	55	55	0	~74	0
Queue Length 95th (ft)	#210	138	48	#148	165	102	102	0	#195	43
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	141	1768	794	106	1660	706	720	747	154	274
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.19	0.45	0.49	1.01	0.55	0.19	0.19	0.10	1.05	0.54

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

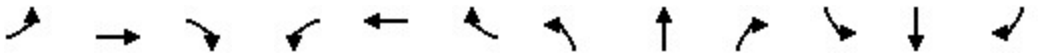
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	80	386	7	499	121	143	86	402
v/c Ratio	0.63	0.41	0.07	0.61	0.92	0.28	0.25	0.76
Control Delay (s/veh)	56.6	12.0	34.5	19.7	86.3	18.0	19.7	26.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	56.6	12.0	34.5	19.7	86.3	18.0	19.7	26.9
Queue Length 50th (ft)	33	74	3	153	48	42	27	121
Queue Length 95th (ft)	#107	205	15	300	#138	82	59	214
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	128	943	103	813	189	728	490	725
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.63	0.41	0.07	0.61	0.64	0.20	0.18	0.55

Intersection Summary

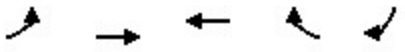
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	189	388	158	203	719	140	189	655	185	172	539	148
v/c Ratio	0.64	0.40	0.29	0.75	0.78	0.28	0.57	0.51	0.27	0.73	0.32	0.24
Control Delay (s/veh)	52.1	28.0	5.7	59.8	37.4	7.9	47.5	24.7	4.4	61.8	23.5	5.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	52.1	28.0	5.7	59.8	37.4	7.9	47.5	24.7	4.4	61.8	23.5	5.6
Queue Length 50th (ft)	56	95	0	61	202	7	55	155	0	52	85	2
Queue Length 95th (ft)	#100	136	44	#118	267	50	92	217	44	#105	119	44
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	294	1101	600	272	1063	562	346	1283	690	235	1706	625
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.64	0.35	0.26	0.75	0.68	0.25	0.55	0.51	0.27	0.73	0.32	0.24

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	390	933	768	437	754
v/c Ratio	0.45	0.28	0.67	0.55	0.93
Control Delay (s/veh)	13.1	0.2	26.5	5.2	35.6
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	13.1	0.2	26.5	5.2	35.6
Queue Length 50th (ft)	106	0	176	0	292
Queue Length 95th (ft)	169	0	241	62	#549
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	908	3282	1138	794	847
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.43	0.28	0.67	0.55	0.89

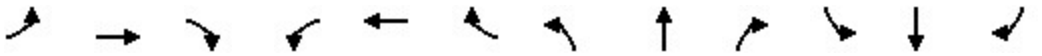
Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	810	666	321	1153	449	612
v/c Ratio	0.38	0.38	0.47	0.62	0.53	0.73
Control Delay (s/veh)	6.5	3.9	26.6	11.8	7.8	23.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	6.5	3.9	26.6	11.8	7.8	23.5
Queue Length 50th (ft)	74	34	62	154	15	106
Queue Length 95th (ft)	104	58	98	218	55	167
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2117	1763	687	1870	849	853
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.38	0.38	0.47	0.62	0.53	0.72

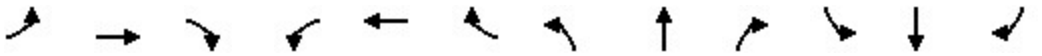
Intersection Summary



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	42	5	426	24	2	8	100	375	3	6	681	25
Future Volume (veh/h)	42	5	426	24	2	8	100	375	3	6	681	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	45	5	458	26	2	9	108	403	3	6	732	27
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	4	4	4	4	4	4	4	4	4	4	4	4
Cap, veh/h	524	53	508	322	35	84	140	862	6	11	703	26
Arrive On Green	0.33	0.33	0.33	0.33	0.33	0.33	0.08	0.47	0.47	0.01	0.40	0.40
Sat Flow, veh/h	1279	162	1560	693	107	257	1753	1825	14	1753	1764	65
Grp Volume(v), veh/h	50	0	458	37	0	0	108	0	406	6	0	759
Grp Sat Flow(s),veh/h/ln	1441	0	1560	1057	0	0	1753	0	1838	1753	0	1829
Q Serve(g_s), s	0.0	0.0	17.9	0.1	0.0	0.0	3.9	0.0	9.6	0.2	0.0	25.5
Cycle Q Clear(g_c), s	1.2	0.0	17.9	1.4	0.0	0.0	3.9	0.0	9.6	0.2	0.0	25.5
Prop In Lane	0.90		1.00	0.70		0.24	1.00		0.01	1.00		0.04
Lane Grp Cap(c), veh/h	576	0	508	440	0	0	140	0	868	11	0	729
V/C Ratio(X)	0.09	0.00	0.90	0.08	0.00	0.00	0.77	0.00	0.47	0.54	0.00	1.04
Avail Cap(c_a), veh/h	660	0	600	502	0	0	203	0	868	151	0	729
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	15.0	0.0	20.6	14.9	0.0	0.0	28.8	0.0	11.4	31.7	0.0	19.2
Incr Delay (d2), s/veh	0.1	0.0	15.1	0.1	0.0	0.0	10.4	0.0	1.8	35.3	0.0	44.4
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.5	0.0	8.2	0.4	0.0	0.0	1.9	0.0	3.7	0.2	0.0	18.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	15.0	0.0	35.7	15.0	0.0	0.0	39.3	0.0	13.2	67.0	0.0	63.7
LnGrp LOS	B		D	B			D		B	E		F
Approach Vol, veh/h		508			37			514			765	
Approach Delay, s/veh		33.7			15.0			18.7			63.7	
Approach LOS		C			B			B			E	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.4	34.7		24.8	9.1	30.0		24.8				
Change Period (Y+Rc), s	4.0	4.5		4.0	4.0	4.5		4.0				
Max Green Setting (Gmax), s	5.5	27.4		24.6	7.4	25.5		24.6				
Max Q Clear Time (g_c+I1), s	2.2	11.6		19.9	5.9	27.5		3.4				
Green Ext Time (p_c), s	0.0	2.1		0.9	0.0	0.0		0.2				

Intersection Summary												
HCM 7th Control Delay, s/veh			41.7									
HCM 7th LOS			D									



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	83	824	100	198	584	25	135	192	246	22	180	61
Future Volume (veh/h)	83	824	100	198	584	25	135	192	246	22	180	61
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856	1856
Adj Flow Rate, veh/h	87	867	105	208	615	26	142	202	259	23	189	64
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	3	3	3	3	3	3	3	3	3	3	3	3
Cap, veh/h	112	901	402	236	1122	47	176	727	616	67	812	267
Arrive On Green	0.06	0.26	0.26	0.13	0.33	0.33	0.03	0.13	0.13	0.02	0.31	0.31
Sat Flow, veh/h	1767	3526	1572	1767	3447	146	1767	1856	1572	3428	2608	856
Grp Volume(v), veh/h	87	867	105	208	314	327	142	202	259	23	126	127
Grp Sat Flow(s),veh/h/ln	1767	1763	1572	1767	1763	1829	1767	1856	1572	1714	1763	1701
Q Serve(g_s), s	4.4	21.9	4.8	10.4	13.2	13.2	7.2	8.8	13.6	0.6	4.8	5.0
Cycle Q Clear(g_c), s	4.4	21.9	4.8	10.4	13.2	13.2	7.2	8.8	13.6	0.6	4.8	5.0
Prop In Lane	1.00		1.00	1.00		0.08	1.00		1.00	1.00		0.50
Lane Grp Cap(c), veh/h	112	901	402	236	574	596	176	727	616	67	549	530
V/C Ratio(X)	0.78	0.96	0.26	0.88	0.55	0.55	0.81	0.28	0.42	0.35	0.23	0.24
Avail Cap(c_a), veh/h	181	901	402	236	574	596	236	727	616	210	549	530
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	41.5	33.1	26.7	38.3	24.9	24.9	42.7	27.7	29.8	43.6	23.0	23.1
Incr Delay (d2), s/veh	15.1	21.4	0.5	30.5	1.4	1.4	10.3	1.0	2.1	4.3	0.8	0.8
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.3	11.6	1.8	6.4	5.5	5.7	3.7	4.3	6.0	0.3	2.1	2.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	56.6	54.5	27.2	68.8	26.3	26.3	52.9	28.6	31.9	47.9	23.7	23.9
LnGrp LOS	E	D	C	E	C	C	D	C	C	D	C	C
Approach Vol, veh/h		1059			849			603			276	
Approach Delay, s/veh		51.9			36.7			35.8			25.8	
Approach LOS		D			D			D			C	

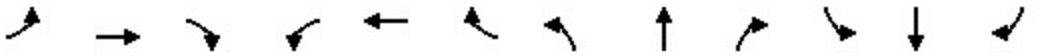
Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	5.7	40.3	16.0	28.0	13.0	33.0	9.7	34.3
Change Period (Y+Rc), s	4.0	5.0	4.0	*5	4.0	5.0	4.0	5.0
Max Green Setting (Gmax), s	5.5	31.9	12.0	*23	12.0	25.4	9.2	25.4
Max Q Clear Time (g_c+I1), s	2.6	15.6	12.4	23.9	9.2	7.0	6.4	15.2
Green Ext Time (p_c), s	0.0	4.6	0.0	0.0	0.0	3.0	0.1	3.6

Intersection Summary	
HCM 7th Control Delay, s/veh	41.2
HCM 7th LOS	D

Notes

User approved volume balancing among the lanes for turning movement.

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.



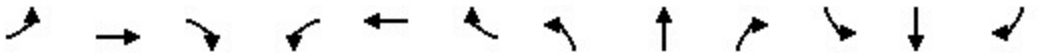
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	221	998	293	154	678	16	238	36	119	18	84	65
Future Volume (veh/h)	221	998	293	154	678	16	238	36	119	18	84	65
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	235	1062	312	164	721	17	280	0	127	19	89	69
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	159	1978	614	120	1876	44	490	0	218	28	129	134
Arrive On Green	0.09	0.40	0.40	0.07	0.37	0.37	0.14	0.00	0.14	0.09	0.09	0.09
Sat Flow, veh/h	1739	4985	1547	1739	5010	118	3478	0	1547	318	1492	1547
Grp Volume(v), veh/h	235	1062	312	164	478	260	280	0	127	108	0	69
Grp Sat Flow(s),veh/h/ln	1739	1662	1547	1739	1662	1805	1739	0	1547	1810	0	1547
Q Serve(g_s), s	6.1	10.9	10.2	4.6	7.0	7.0	5.0	0.0	5.1	3.9	0.0	2.8
Cycle Q Clear(g_c), s	6.1	10.9	10.2	4.6	7.0	7.0	5.0	0.0	5.1	3.9	0.0	2.8
Prop In Lane	1.00		1.00	1.00		0.07	1.00		1.00	0.18		1.00
Lane Grp Cap(c), veh/h	159	1978	614	120	1244	676	490	0	218	157	0	134
V/C Ratio(X)	1.48	0.54	0.51	1.37	0.38	0.39	0.57	0.00	0.58	0.69	0.00	0.52
Avail Cap(c_a), veh/h	159	1978	614	120	1244	676	1667	0	742	173	0	148
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	30.3	15.4	15.2	31.1	15.3	15.3	26.8	0.0	26.9	29.6	0.0	29.2
Incr Delay (d2), s/veh	246.3	1.0	3.0	210.1	0.9	1.7	1.5	0.0	3.5	11.3	0.0	4.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	13.3	3.8	3.7	8.8	2.5	2.9	2.1	0.0	2.0	2.1	0.0	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	276.7	16.5	18.2	241.2	16.2	16.9	28.3	0.0	30.3	40.9	0.0	33.5
LnGrp LOS	F	B	B	F	B	B	C		C	D		C
Approach Vol, veh/h		1609			902			407			177	
Approach Delay, s/veh		54.8			57.3			28.9			38.0	
Approach LOS		D			E			C			D	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.0	31.9		10.4	11.5	30.4		14.5				
Change Period (Y+Rc), s	5.4	5.4		4.6	5.4	5.4		5.1				
Max Green Setting (Gmax), s	4.6	26.5		6.4	6.1	25.0		32.0				
Max Q Clear Time (g_c+I1), s	6.6	12.9		5.9	8.1	9.0		7.1				
Green Ext Time (p_c), s	0.0	11.2		0.1	0.0	8.3		2.3				

Intersection Summary		
HCM 7th Control Delay, s/veh		51.2
HCM 7th LOS		D

Notes

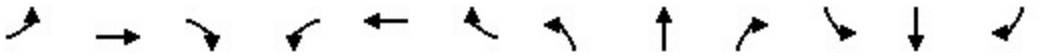
User approved volume balancing among the lanes for turning movement.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	92	350	177	2	251	44	58	77	8	35	237	147
Future Volume (veh/h)	92	350	177	2	251	44	58	77	8	35	237	147
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826	1826
Adj Flow Rate, veh/h	100	380	192	2	273	48	63	84	9	38	258	160
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	5	5	5	5	5	5	5	5	5	5	5
Cap, veh/h	128	533	269	4	596	105	204	501	54	469	326	202
Arrive On Green	0.07	0.47	0.47	0.00	0.39	0.39	0.31	0.31	0.31	0.31	0.31	0.31
Sat Flow, veh/h	1739	1144	578	1739	1512	266	946	1621	174	1272	1054	654
Grp Volume(v), veh/h	100	0	572	2	0	321	63	0	93	38	0	418
Grp Sat Flow(s),veh/h/ln	1739	0	1722	1739	0	1778	946	0	1795	1272	0	1708
Q Serve(g_s), s	3.3	0.0	15.5	0.1	0.0	7.8	3.8	0.0	2.2	1.3	0.0	13.1
Cycle Q Clear(g_c), s	3.3	0.0	15.5	0.1	0.0	7.8	16.9	0.0	2.2	3.5	0.0	13.1
Prop In Lane	1.00		0.34	1.00		0.15	1.00		0.10	1.00		0.38
Lane Grp Cap(c), veh/h	128	0	802	4	0	701	204	0	555	469	0	528
V/C Ratio(X)	0.78	0.00	0.71	0.53	0.00	0.46	0.31	0.00	0.17	0.08	0.00	0.79
Avail Cap(c_a), veh/h	209	0	802	119	0	701	350	0	831	664	0	791
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	26.6	0.0	12.5	29.1	0.0	13.1	26.1	0.0	14.7	16.0	0.0	18.4
Incr Delay (d2), s/veh	13.6	0.0	5.4	107.5	0.0	2.1	1.2	0.0	0.2	0.1	0.0	4.3
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	0.0	6.1	0.1	0.0	3.1	0.9	0.0	0.8	0.4	0.0	5.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	40.2	0.0	17.8	136.6	0.0	15.2	27.3	0.0	14.9	16.1	0.0	22.7
LnGrp LOS	D		B	F		B	C		B	B		C
Approach Vol, veh/h		672			323			156			456	
Approach Delay, s/veh		21.2			16.0			19.9			22.2	
Approach LOS		C			B			B			C	

Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	4.1	31.7		22.5	8.3	27.5		22.5				
Change Period (Y+Rc), s	4.0	4.5		4.5	4.0	4.5		4.5				
Max Green Setting (Gmax), s	4.0	26.0		27.0	7.0	23.0		27.0				
Max Q Clear Time (g_c+I1), s	2.1	17.5		18.9	5.3	9.8		15.1				
Green Ext Time (p_c), s	0.0	3.2		0.6	0.1	2.1		3.0				

Intersection Summary												
HCM 7th Control Delay, s/veh			20.3									
HCM 7th LOS			C									



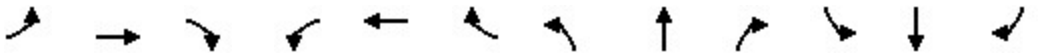
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	133	575	266	266	533	210	188	540	222	269	719	119
Future Volume (veh/h)	133	575	266	266	533	210	188	540	222	269	719	119
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Lane Width Adj.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	139	599	277	277	555	219	196	562	0	280	749	0
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	310	831	371	277	797	356	271	1355		297	1986	
Arrive On Green	0.09	0.23	0.23	0.08	0.22	0.22	0.08	0.38	0.00	0.09	0.39	0.00
Sat Flow, veh/h	3456	3554	1585	3456	3554	1585	3456	3554	1585	3456	5106	1585
Grp Volume(v), veh/h	139	599	277	277	555	219	196	562	0	280	749	0
Grp Sat Flow(s),veh/h/ln	1728	1777	1585	1728	1777	1585	1728	1777	1585	1728	1702	1585
Q Serve(g_s), s	3.3	13.4	14.0	6.9	12.3	10.7	4.8	10.0	0.0	6.9	9.0	0.0
Cycle Q Clear(g_c), s	3.3	13.4	14.0	6.9	12.3	10.7	4.8	10.0	0.0	6.9	9.0	0.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	310	831	371	277	797	356	271	1355		297	1986	
V/C Ratio(X)	0.45	0.72	0.75	1.00	0.70	0.62	0.72	0.41		0.94	0.38	
Avail Cap(c_a), veh/h	321	1219	544	277	1157	516	301	1355		297	1986	
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	37.1	30.4	30.6	39.6	30.7	30.0	38.7	19.5	0.0	39.1	18.8	0.0
Incr Delay (d2), s/veh	1.0	1.2	3.2	53.8	1.1	1.7	7.4	0.9	0.0	36.9	0.5	0.0
Initial Q Delay(d3), s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	5.6	5.4	4.9	5.1	4.0	2.2	4.1	0.0	4.4	3.5	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d), s/veh	38.1	31.6	33.8	93.4	31.8	31.8	46.1	20.5	0.0	76.0	19.4	0.0
LnGrp LOS	D	C	C	F	C	C	D	C		E	B	
Approach Vol, veh/h		1015			1051			758			1029	
Approach Delay, s/veh		33.1			48.0			27.1			34.8	
Approach LOS		C			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	37.4	11.5	25.1	11.3	38.1	12.3	24.3
Change Period (Y+Rc), s	4.6	4.6	4.6	*5	4.6	4.6	4.6	5.0
Max Green Setting (Gmax), s	7.4	32.8	6.9	*30	7.5	32.7	8.0	28.0
Max Q Clear Time (g_c+I1), s	8.9	12.0	8.9	16.0	6.8	11.0	5.3	14.3
Green Ext Time (p_c), s	0.0	3.6	0.0	4.2	0.0	5.1	0.1	3.6

Intersection Summary	
HCM 7th Control Delay, s/veh	36.4
HCM 7th LOS	D

Notes

*HCM 7th computational engine requires equal clearance times for the phases crossing the barrier.
Unsignalized Delay for [NBR, SBR] is excluded from calculations of the approach delay and intersection delay.

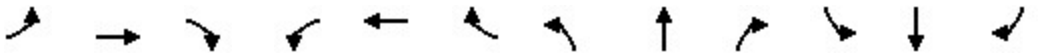


Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	42	5	426	24	2	8	100	375	3	6	681	25
Future Volume (vph)	42	5	426	24	2	8	100	375	3	6	681	25
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Lane Util. Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Frt		1.00	0.85		0.97		1.00	1.00		1.00	0.99	
Flt Protected		0.96	1.00		0.97		0.95	1.00		0.95	1.00	
Satd. Flow (prot)		1748	1553		1707		1736	1825		1736	1817	
Flt Permitted		0.78	1.00		0.84		0.95	1.00		0.95	1.00	
Satd. Flow (perm)		1422	1553		1478		1736	1825		1736	1817	
Peak-hour factor, PHF	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Adj. Flow (vph)	45	5	458	26	2	9	108	403	3	6	732	27
RTOR Reduction (vph)	0	0	195	0	7	0	0	0	0	0	2	0
Lane Group Flow (vph)	0	50	263	0	30	0	108	406	0	6	757	0
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Turn Type	Perm	NA	Perm	Perm	NA		Prot	NA		Prot	NA	
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4		4	8								
Actuated Green, G (s)		14.5	14.5		14.5		5.6	33.8		0.9	29.1	
Effective Green, g (s)		14.5	14.5		14.5		5.6	33.8		0.9	29.1	
Actuated g/C Ratio		0.24	0.24		0.24		0.09	0.55		0.01	0.47	
Clearance Time (s)		4.0	4.0		4.0		4.0	4.5		4.0	4.5	
Vehicle Extension (s)		3.0	3.0		3.0		3.0	3.0		3.0	3.0	
Lane Grp Cap (vph)		334	364		347		157	999		25	856	
v/s Ratio Prot							c0.06	0.22		0.00	c0.42	
v/s Ratio Perm		0.04	c0.17		0.02							
v/c Ratio		0.15	0.72		0.09		0.69	0.41		0.24	0.88	
Uniform Delay, d1		18.7	21.7		18.4		27.2	8.1		30.1	14.8	
Progression Factor		1.00	1.00		1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2		0.2	6.9		0.1		11.8	1.2		4.9	12.9	
Delay (s)		18.9	28.7		18.5		39.0	9.3		35.0	27.7	
Level of Service		B	C		B		D	A		C	C	
Approach Delay (s/veh)		27.7			18.5			15.6			27.8	
Approach LOS		C			B			B			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	24.1	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.81		
Actuated Cycle Length (s)	61.7	Sum of lost time (s)	12.5
Intersection Capacity Utilization	77.5%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			

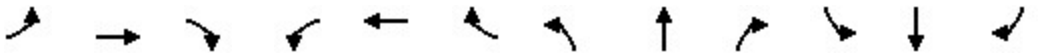
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	83	824	100	198	584	25	135	192	246	22	180	61
Future Volume (vph)	83	824	100	198	584	25	135	192	246	22	180	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Lane Util. Factor	1.00	0.95	1.00	1.00	0.95		0.95	0.95	1.00	0.97	0.95	
Frt	1.00	1.00	0.85	1.00	0.99		1.00	1.00	0.85	1.00	0.96	
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	1.00	1.00	0.95	1.00	
Satd. Flow (prot)	1752	3505	1568	1752	3484		1665	1747	1568	3400	3372	
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.98	1.00	0.95	1.00	
Satd. Flow (perm)	1752	3505	1568	1752	3484		1665	1725	1568	3400	3372	
Peak-hour factor, PHF	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Adj. Flow (vph)	87	867	105	208	615	26	142	202	259	23	189	64
RTOR Reduction (vph)	0	0	77	0	3	0	0	0	160	0	37	0
Lane Group Flow (vph)	87	867	28	208	638	0	128	216	99	23	216	0
Heavy Vehicles (%)	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Turn Type	Prot	NA	Perm	Prot	NA		Prot	NA	Perm	Prot	NA	
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4						2			
Actuated Green, G (s)	7.4	23.8	23.8	12.0	28.0		10.2	40.6	34.4	2.2	26.4	
Effective Green, g (s)	7.4	23.8	23.8	12.0	28.0		10.2	40.6	34.4	2.2	26.4	
Actuated g/C Ratio	0.08	0.26	0.26	0.13	0.31		0.11	0.45	0.38	0.02	0.29	
Clearance Time (s)	4.0	4.6	4.6	4.0	5.0		4.0	5.0	5.0	4.0	5.0	
Vehicle Extension (s)	4.0	4.0	4.0	4.0	4.0		2.0	6.0	6.0	4.0	6.0	
Lane Grp Cap (vph)	144	926	414	233	1083		188	780	599	83	989	
v/s Ratio Prot	0.05	c0.25		c0.12	0.18		c0.08	0.03		0.01	0.06	
v/s Ratio Perm			0.02					c0.09	0.06			
v/c Ratio	0.60	0.94	0.07	0.89	0.59		0.68	0.28	0.17	0.28	0.22	
Uniform Delay, d1	39.9	32.4	24.8	38.4	26.1		38.3	15.5	18.3	43.1	24.0	
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	
Incremental Delay, d2	8.0	16.4	0.1	32.5	1.0		7.8	0.1	0.6	2.5	0.3	
Delay (s)	47.9	48.8	24.9	70.9	27.1		46.2	15.6	18.9	45.6	24.3	
Level of Service	D	D	C	E	C		D	B	B	D	C	
Approach Delay (s/veh)		46.3			37.8			23.5			26.1	
Approach LOS		D			D			C			C	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	36.8	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.66		
Actuated Cycle Length (s)	90.0	Sum of lost time (s)	18.0
Intersection Capacity Utilization	66.3%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			



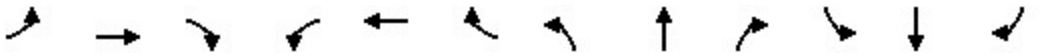
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	221	998	293	154	678	16	238	36	119	18	84	65
Future Volume (vph)	221	998	293	154	678	16	238	36	119	18	84	65
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Lane Util. Factor	1.00	0.91	1.00	1.00	0.91		0.95	0.95	1.00		1.00	1.00
Frt	1.00	1.00	0.85	1.00	1.00		1.00	1.00	0.85		1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (prot)	1719	4940	1538	1719	4923		1633	1658	1538		1794	1538
Flt Permitted	0.95	1.00	1.00	0.95	1.00		0.95	0.96	1.00		0.99	1.00
Satd. Flow (perm)	1719	4940	1538	1719	4923		1633	1658	1538		1794	1538
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	235	1062	312	164	721	17	253	38	127	19	89	69
RTOR Reduction (vph)	0	0	196	0	3	0	0	0	103	0	0	63
Lane Group Flow (vph)	235	1062	116	164	735	0	144	147	24	0	108	6
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	Perm	Prot	NA		Split	NA	Perm	Split	NA	Perm
Protected Phases	5	2		1	6		8	8		4	4	
Permitted Phases			2						8			4
Actuated Green, G (s)	6.1	26.6	26.6	4.6	25.1		13.5	13.5	13.5		6.4	6.4
Effective Green, g (s)	6.1	26.6	26.6	4.6	25.1		13.5	13.5	13.5		6.4	6.4
Actuated g/C Ratio	0.09	0.37	0.37	0.06	0.35		0.19	0.19	0.19		0.09	0.09
Clearance Time (s)	5.4	5.4	5.4	5.4	5.4		5.1	5.1	5.1		4.6	4.6
Vehicle Extension (s)	4.0	6.0	6.0	4.0	6.0		4.0	4.0	4.0		4.0	4.0
Lane Grp Cap (vph)	146	1835	571	110	1725		307	312	289		160	137
v/s Ratio Prot	c0.14	c0.21		0.10	0.15		0.09	c0.09			c0.06	
v/s Ratio Perm			0.08						0.02			0.00
v/c Ratio	1.61	0.58	0.20	1.49	0.43		0.47	0.47	0.08		0.68	0.05
Uniform Delay, d1	32.8	18.0	15.3	33.5	17.8		25.9	25.9	23.9		31.6	29.8
Progression Factor	1.00	1.00	1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00
Incremental Delay, d2	303.7	1.3	0.8	262.7	0.8		1.5	1.5	0.2		11.6	0.2
Delay (s)	336.5	19.4	16.1	296.2	18.5		27.4	27.4	24.1		43.2	30.0
Level of Service	F	B	B	F	B		C	C	C		D	C
Approach Delay (s/veh)		65.0			69.0			26.4			38.1	
Approach LOS		E			E			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	59.5	HCM 2000 Level of Service	E
HCM 2000 Volume to Capacity ratio	0.70		
Actuated Cycle Length (s)	71.6	Sum of lost time (s)	20.5
Intersection Capacity Utilization	55.3%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	92	350	177	2	251	44	58	77	8	35	237	147
Future Volume (vph)	92	350	177	2	251	44	58	77	8	35	237	147
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Lane Util. Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Frt	1.00	0.95		1.00	0.98		1.00	0.99		1.00	0.94	
Flt Protected	0.95	1.00		0.95	1.00		0.95	1.00		0.95	1.00	
Satd. Flow (prot)	1719	1718		1719	1769		1719	1783		1719	1706	
Flt Permitted	0.95	1.00		0.95	1.00		0.27	1.00		0.70	1.00	
Satd. Flow (perm)	1719	1718		1719	1769		487	1783		1261	1706	
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	100	380	192	2	273	48	63	84	9	38	258	160
RTOR Reduction (vph)	0	21	0	0	8	0	0	6	0	0	37	0
Lane Group Flow (vph)	100	551	0	2	313	0	63	87	0	38	381	0
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA		Prot	NA		Perm	NA		Perm	NA	
Protected Phases	5	2		1	6			4			8	
Permitted Phases							4			8		
Actuated Green, G (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Effective Green, g (s)	5.3	31.2		0.7	26.6		18.9	18.9		18.9	18.9	
Actuated g/C Ratio	0.08	0.49		0.01	0.42		0.30	0.30		0.30	0.30	
Clearance Time (s)	4.0	4.5		4.0	4.5		4.5	4.5		4.5	4.5	
Vehicle Extension (s)	4.0	4.0		4.0	4.0		4.0	4.0		4.0	4.0	
Lane Grp Cap (vph)	142	840		18	737		144	528		373	505	
v/s Ratio Prot	c0.06	c0.32		0.00	0.18			0.05			c0.22	
v/s Ratio Perm							0.13			0.03		
v/c Ratio	0.70	0.66		0.11	0.43		0.44	0.16		0.10	0.76	
Uniform Delay, d1	28.5	12.3		31.2	13.2		18.2	16.6		16.3	20.4	
Progression Factor	1.00	1.00		1.00	1.00		1.00	1.00		1.00	1.00	
Incremental Delay, d2	15.7	4.0		3.7	1.8		2.9	0.2		0.2	6.7	
Delay (s)	44.1	16.2		35.0	15.0		21.0	16.8		16.5	27.1	
Level of Service	D	B		C	B		C	B		B	C	
Approach Delay (s/veh)		20.4			15.1			18.5			26.2	
Approach LOS		C			B			B			C	

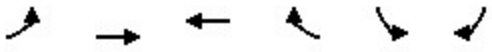
Intersection Summary			
HCM 2000 Control Delay (s/veh)	20.8	HCM 2000 Level of Service	C
HCM 2000 Volume to Capacity ratio	0.73		
Actuated Cycle Length (s)	63.8	Sum of lost time (s)	13.0
Intersection Capacity Utilization	73.6%	ICU Level of Service	D
Analysis Period (min)	15		
c Critical Lane Group			



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	133	575	266	266	533	210	188	540	222	269	719	119
Future Volume (vph)	133	575	266	266	533	210	188	540	222	269	719	119
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Lane Util. Factor	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.95	1.00	0.97	0.91	1.00
Frt	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (prot)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Flt Permitted	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00	0.95	1.00	1.00
Satd. Flow (perm)	3433	3539	1583	3433	3539	1583	3433	3539	1583	3433	5085	1583
Peak-hour factor, PHF	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Adj. Flow (vph)	139	599	277	277	555	219	196	562	231	280	749	124
RTOR Reduction (vph)	0	0	160	0	0	95	0	0	144	0	0	78
Lane Group Flow (vph)	139	599	117	277	555	124	196	563	87	280	749	46
Turn Type	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm	Prot	NA	Perm
Protected Phases	7	4		3	8		5	2		1	6	
Permitted Phases			4			8			2			6
Actuated Green, G (s)	8.0	22.2	22.2	6.9	20.7	20.7	7.5	32.9	32.9	7.4	32.8	32.8
Effective Green, g (s)	8.0	22.2	22.2	6.9	20.7	20.7	7.5	32.9	32.9	7.4	32.8	32.8
Actuated g/C Ratio	0.09	0.25	0.25	0.08	0.24	0.24	0.09	0.37	0.37	0.08	0.37	0.37
Clearance Time (s)	4.6	4.6	4.6	4.6	5.0	5.0	4.6	4.6	4.6	4.6	4.6	4.6
Vehicle Extension (s)	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)	312	894	400	269	834	373	293	1326	593	289	1899	591
v/s Ratio Prot	0.04	c0.17		c0.08	0.16		0.06	c0.16		c0.08	0.15	
v/s Ratio Perm			0.07			0.08			0.05			0.03
v/c Ratio	0.45	0.67	0.29	1.03	0.67	0.33	0.67	0.42	0.15	0.97	0.39	0.08
Uniform Delay, d1	37.8	29.5	26.5	40.5	30.4	27.8	38.9	20.4	18.2	40.1	20.2	17.7
Progression Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2	1.0	2.0	0.4	62.8	2.0	0.5	5.7	1.0	0.5	43.9	0.6	0.3
Delay (s)	38.8	31.5	26.9	103.2	32.4	28.4	44.6	21.4	18.7	84.0	20.8	18.0
Level of Service	D	C	C	F	C	C	D	C	B	F	C	B
Approach Delay (s/veh)		31.2			50.2			25.4			35.9	
Approach LOS		C			D			C			D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	35.9	HCM 2000 Level of Service	D
HCM 2000 Volume to Capacity ratio	0.62		
Actuated Cycle Length (s)	87.8	Sum of lost time (s)	18.8
Intersection Capacity Utilization	61.4%	ICU Level of Service	B
Analysis Period (min)	15		

c Critical Lane Group



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	472	919	754	429	0	576
Future Volume (vph)	472	919	754	429	0	576
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Total Lost time (s)	4.7	6.0	5.1	5.1		4.7
Lane Util. Factor	1.00	0.95	0.95	1.00		1.00
Frt	1.00	1.00	1.00	0.85		0.87
Flt Protected	0.95	1.00	1.00	1.00		1.00
Satd. Flow (prot)	1719	3438	3438	1538		1565
Flt Permitted	0.95	1.00	1.00	1.00		1.00
Satd. Flow (perm)	1719	3438	3438	1538		1565
Peak-hour factor, PHF	0.94	0.94	0.94	0.94	0.94	0.94
Adj. Flow (vph)	502	978	802	456	0	613
RTOR Reduction (vph)	0	0	0	119	0	57
Lane Group Flow (vph)	502	978	802	337	0	556
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%
Turn Type	Prot	NA	NA	Perm		Perm
Protected Phases	5	2	6			
Permitted Phases				6		5
Actuated Green, G (s)	23.2	60.0	27.0	27.0		23.2
Effective Green, g (s)	23.2	60.0	27.0	27.0		23.2
Actuated g/C Ratio	0.39	1.00	0.45	0.45		0.39
Clearance Time (s)	4.7	6.0	5.1	5.1		4.7
Vehicle Extension (s)	3.0	3.0	3.0	3.0		3.0
Lane Grp Cap (vph)	664	3438	1547	692		605
v/s Ratio Prot	0.29	0.28	c0.23			
v/s Ratio Perm				0.22		c0.36
v/c Ratio	0.76	0.28	0.52	0.49		0.92
Uniform Delay, d1	15.9	0.0	11.8	11.6		17.5
Progression Factor	1.00	1.00	1.00	1.00		1.00
Incremental Delay, d2	4.9	0.2	1.2	2.4		19.0
Delay (s)	20.9	0.2	13.1	14.1		36.5
Level of Service	C	A	B	B		D
Approach Delay (s/veh)		7.2	13.4		36.5	
Approach LOS		A	B		D	

Intersection Summary			
HCM 2000 Control Delay (s/veh)	14.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.70		
Actuated Cycle Length (s)	60.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	64.7%	ICU Level of Service	C
Analysis Period (min)	15		
c Critical Lane Group			

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	1005	886	347	981	0	0	0	405	0	0	624
Future Volume (vph)	0	1005	886	347	981	0	0	0	405	0	0	624
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Lane Util. Factor		0.95	0.88	0.97	0.95				0.88			0.88
Frt		1.00	0.85	1.00	1.00				0.85			0.85
Flt Protected		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (prot)		3438	2707	3335	3438				2707			2707
Flt Permitted		1.00	1.00	0.95	1.00				1.00			1.00
Satd. Flow (perm)		3438	2707	3335	3438				2707			2707
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	0	1092	963	377	1066	0	0	0	440	0	0	678
RTOR Reduction (vph)	0	0	67	0	0	0	0	0	160	0	0	111
Lane Group Flow (vph)	0	1092	896	377	1066	0	0	0	280	0	0	567
Heavy Vehicles (%)	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Turn Type		NA	Perm	Prot	NA				Perm			Perm
Protected Phases		2		1	6							
Permitted Phases			2						1			5
Actuated Green, G (s)		45.2	45.2	15.0	39.9				15.0			20.3
Effective Green, g (s)		45.2	45.2	15.0	39.9				15.0			20.3
Actuated g/C Ratio		0.65	0.65	0.21	0.57				0.21			0.29
Clearance Time (s)		5.1	5.1	4.7	5.1				4.7			4.7
Vehicle Extension (s)		3.0	3.0	3.0	3.0				3.0			3.0
Lane Grp Cap (vph)		2219	1747	714	1959				580			785
v/s Ratio Prot		0.32		0.11	0.31							
v/s Ratio Perm			c0.33						0.10			c0.21
v/c Ratio		0.49	0.51	0.53	0.54				0.48			0.72
Uniform Delay, d1		6.4	6.6	24.4	9.4				24.1			22.3
Progression Factor		1.00	1.00	1.00	1.00				1.00			1.00
Incremental Delay, d2		0.8	1.1	0.7	1.1				0.6			3.3
Delay (s)		7.2	7.6	25.1	10.5				24.7			25.6
Level of Service		A	A	C	B				C			C
Approach Delay (s/veh)		7.4			14.3			24.7			25.6	
Approach LOS		A			B			C			C	

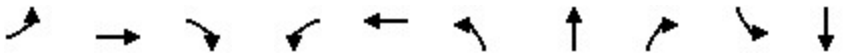
Intersection Summary			
HCM 2000 Control Delay (s/veh)	13.9	HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio	0.60		
Actuated Cycle Length (s)	70.0	Sum of lost time (s)	9.8
Intersection Capacity Utilization	57.1%	ICU Level of Service	B
Analysis Period (min)	15		
c Critical Lane Group			



Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	50	458	37	108	406	6	759
v/c Ratio	0.14	0.80	0.10	0.50	0.39	0.04	0.91
Control Delay (s/veh)	17.6	20.2	13.8	37.4	11.0	29.2	38.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	17.6	20.2	13.8	37.4	11.0	29.2	38.0
Queue Length 50th (ft)	14	64	8	38	64	2	263
Queue Length 95th (ft)	36	161	26	#107	216	13	#598
Internal Link Dist (ft)	944		59		627		1315
Turn Bay Length (ft)		230		125		130	
Base Capacity (vph)	614	816	643	225	1051	167	832
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.08	0.56	0.06	0.48	0.39	0.04	0.91

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

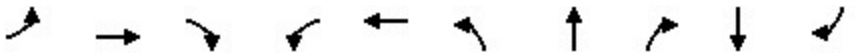


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	87	867	105	208	641	128	216	259	23	253
v/c Ratio	0.51	0.97	0.20	0.89	0.59	0.68	1.22	0.32	0.11	0.24
Control Delay (s/veh)	49.5	57.8	1.7	77.2	29.5	56.4	174.6	3.9	41.3	19.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	49.5	57.8	1.7	77.2	29.5	56.4	174.6	3.9	41.3	19.8
Queue Length 50th (ft)	48	256	0	118	166	73	~147	0	6	45
Queue Length 95th (ft)	95	#382	9	#245	225	133	#283	49	19	76
Internal Link Dist (ft)		1132			2123		162			239
Turn Bay Length (ft)	145		145	120		130		130	130	
Base Capacity (vph)	179	895	527	233	1088	222	177	805	207	1056
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.49	0.97	0.20	0.89	0.59	0.58	1.22	0.32	0.11	0.24

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

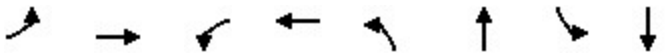


Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	NBR	SBT	SBR
Lane Group Flow (vph)	235	1062	312	164	738	144	147	127	108	69
v/c Ratio	1.61	0.58	0.41	1.49	0.43	0.47	0.47	0.31	0.68	0.25
Control Delay (s/veh)	329.4	20.2	4.2	291.4	19.3	30.8	30.8	5.4	56.1	2.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	329.4	20.2	4.2	291.4	19.3	30.8	30.8	5.4	56.1	2.1
Queue Length 50th (ft)	~151	133	0	~102	88	60	61	0	47	0
Queue Length 95th (ft)	#306	200	51	#231	137	112	114	30	#132	0
Internal Link Dist (ft)		736			222		1987		648	
Turn Bay Length (ft)	125		370	175		225		225		100
Base Capacity (vph)	146	1833	767	110	1726	731	742	771	160	279
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.61	0.58	0.41	1.49	0.43	0.20	0.20	0.16	0.68	0.25

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

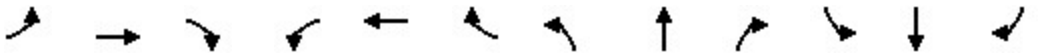
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	100	572	2	321	63	93	38	418
v/c Ratio	0.50	0.63	0.02	0.45	0.44	0.18	0.10	0.74
Control Delay (s/veh)	38.4	17.1	30.5	18.1	27.4	14.6	15.2	24.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	38.4	17.1	30.5	18.1	27.4	14.6	15.2	24.9
Queue Length 50th (ft)	36	121	1	87	19	23	10	122
Queue Length 95th (ft)	#101	#391	7	181	51	51	28	210
Internal Link Dist (ft)		460		1420		388		1987
Turn Bay Length (ft)	115		155		150		55	
Base Capacity (vph)	202	904	115	715	220	814	572	802
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.50	0.63	0.02	0.45	0.29	0.11	0.07	0.52

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	139	599	277	277	555	219	196	563	231	280	749	124
v/c Ratio	0.44	0.67	0.50	1.03	0.67	0.47	0.67	0.42	0.31	0.97	0.39	0.18
Control Delay (s/veh)	44.0	33.3	10.3	104.4	34.4	15.9	52.3	22.5	4.3	88.4	21.7	4.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	44.0	33.3	10.3	104.4	34.4	15.9	52.3	22.5	4.3	88.4	21.7	4.5
Queue Length 50th (ft)	38	156	27	~85	146	43	55	120	0	81	109	0
Queue Length 95th (ft)	72	211	92	#179	200	105	#109	186	49	#176	161	35
Internal Link Dist (ft)		200			883			133			191	
Turn Bay Length (ft)	140		175	220		30	150		320	200		60
Base Capacity (vph)	313	1191	674	270	1131	590	293	1325	737	289	1898	671
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.44	0.50	0.41	1.03	0.49	0.37	0.67	0.42	0.31	0.97	0.39	0.18

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
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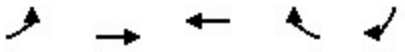
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBL	EBT	WBT	WBR	SBR
Lane Group Flow (vph)	502	978	802	456	613
v/c Ratio	0.75	0.28	0.52	0.56	0.92
Control Delay (s/veh)	24.3	0.2	13.7	9.7	37.8
Queue Delay	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	24.3	0.2	13.7	9.7	37.8
Queue Length 50th (ft)	147	0	107	56	170
Queue Length 95th (ft)	#256	0	154	134	#363
Internal Link Dist (ft)		935	736		
Turn Bay Length (ft)	700			305	
Base Capacity (vph)	696	3438	1545	809	689
Starvation Cap Reductn	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0
Reduced v/c Ratio	0.72	0.28	0.52	0.56	0.89

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.



Lane Group	EBT	EBR	WBL	WBT	NBR	SBR
Lane Group Flow (vph)	1092	963	377	1066	440	678
v/c Ratio	0.49	0.53	0.53	0.54	0.59	0.76
Control Delay (s/veh)	7.4	6.4	27.4	10.7	16.7	23.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	7.4	6.4	27.4	10.7	16.7	23.5
Queue Length 50th (ft)	110	81	74	134	50	115
Queue Length 95th (ft)	150	126	113	188	97	180
Internal Link Dist (ft)	2609			935		
Turn Bay Length (ft)		310	165		160	630
Base Capacity (vph)	2217	1812	720	1959	744	911
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.49	0.53	0.52	0.54	0.59	0.74

Intersection Summary

SECTION 6: DRIVEWAY ANALYSIS

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	1	1	2	967	371	1
Future Vol, veh/h	1	1	2	967	371	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	75	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	100	100	100	6	6	100
Mvmt Flow	1	1	2	1063	408	1

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1475	408	409	0	-	0
Stage 1	408	-	-	-	-	-
Stage 2	1067	-	-	-	-	-
Critical Hdwy	7.4	7.2	5.1	-	-	-
Critical Hdwy Stg 1	6.4	-	-	-	-	-
Critical Hdwy Stg 2	6.4	-	-	-	-	-
Follow-up Hdwy	4.4	4.2	3.1	-	-	-
Pot Cap-1 Maneuver	85	476	772	-	-	-
Stage 1	503	-	-	-	-	-
Stage 2	220	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	85	476	772	-	-	-
Mov Cap-2 Maneuver	85	-	-	-	-	-
Stage 1	501	-	-	-	-	-
Stage 2	220	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	30.37	0.02	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	772	-	144	-	-
HCM Lane V/C Ratio	0.003	-	0.015	-	-
HCM Ctrl Dly (s/v)	9.7	-	30.4	-	-
HCM Lane LOS	A	-	D	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	1	0	0	967	370	3
Future Vol, veh/h	1	0	0	967	370	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	6	6	0
Mvmt Flow	1	0	0	1063	407	3

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1471	408	410	0	-	0
Stage 1	408	-	-	-	-	-
Stage 2	1063	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	141	647	1160	-	-	-
Stage 1	676	-	-	-	-	-
Stage 2	335	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	141	647	1160	-	-	-
Mov Cap-2 Maneuver	141	-	-	-	-	-
Stage 1	676	-	-	-	-	-
Stage 2	335	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	30.64	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1160	-	141	-	-
HCM Lane V/C Ratio	-	-	0.008	-	-
HCM Ctrl Dly (s/v)	0	-	30.6	-	-
HCM Lane LOS	A	-	D	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	4	6	23	963	359	11
Future Vol, veh/h	4	6	23	963	359	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	92	91	91	91
Heavy Vehicles, %	0	0	0	6	6	0
Mvmt Flow	4	7	25	1058	395	12

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1509	401	407	0	-	0
Stage 1	401	-	-	-	-	-
Stage 2	1108	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	134	654	1163	-	-	-
Stage 1	681	-	-	-	-	-
Stage 2	319	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	131	654	1163	-	-	-
Mov Cap-2 Maneuver	131	-	-	-	-	-
Stage 1	666	-	-	-	-	-
Stage 2	319	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	19.92	0.19	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1163	-	252	-	-
HCM Lane V/C Ratio	0.021	-	0.044	-	-
HCM Ctrl Dly (s/v)	8.2	-	19.9	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	1	2	2	481	932	2
Future Vol, veh/h	1	2	2	481	932	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	75	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	100	100	100	6	6	100
Mvmt Flow	1	2	2	529	1024	2

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1558	1025	1026	0	-	0
Stage 1	1025	-	-	-	-	-
Stage 2	533	-	-	-	-	-
Critical Hdwy	7.4	7.2	5.1	-	-	-
Critical Hdwy Stg 1	6.4	-	-	-	-	-
Critical Hdwy Stg 2	6.4	-	-	-	-	-
Follow-up Hdwy	4.4	4.2	3.1	-	-	-
Pot Cap-1 Maneuver	74	189	409	-	-	-
Stage 1	232	-	-	-	-	-
Stage 2	432	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	74	189	409	-	-	-
Mov Cap-2 Maneuver	74	-	-	-	-	-
Stage 1	231	-	-	-	-	-
Stage 2	432	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	34.69	0.06	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	409	-	125	-	-
HCM Lane V/C Ratio	0.005	-	0.026	-	-
HCM Ctrl Dly (s/v)	13.9	-	34.7	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	3	0	0	480	932	1
Future Vol, veh/h	3	0	0	480	932	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	6	6	0
Mvmt Flow	3	0	0	527	1024	1

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1552	1025	1025	0	-	0
Stage 1	1025	-	-	-	-	-
Stage 2	527	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	126	288	685	-	-	-
Stage 1	349	-	-	-	-	-
Stage 2	596	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	126	288	685	-	-	-
Mov Cap-2 Maneuver	126	-	-	-	-	-
Stage 1	349	-	-	-	-	-
Stage 2	596	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	34.29	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	685	-	126	-	-
HCM Lane V/C Ratio	-	-	0.026	-	-
HCM Ctrl Dly (s/v)	0	-	34.3	-	-
HCM Lane LOS	A	-	D	-	-
HCM 95th %tile Q(veh)	0	-	0.1	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	19	7	467	929	4
Future Vol, veh/h	13	19	7	467	929	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	100	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	92	91	91	91
Heavy Vehicles, %	0	0	0	6	6	0
Mvmt Flow	14	21	8	513	1021	4

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1551	1023	1025	0	-	0
Stage 1	1023	-	-	-	-	-
Stage 2	528	-	-	-	-	-
Critical Hdwy	6.4	6.2	4.1	-	-	-
Critical Hdwy Stg 1	5.4	-	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	126	289	685	-	-	-
Stage 1	350	-	-	-	-	-
Stage 2	595	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	125	289	685	-	-	-
Mov Cap-2 Maneuver	125	-	-	-	-	-
Stage 1	346	-	-	-	-	-
Stage 2	595	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	28.45	0.15	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	685	-	188	-	-
HCM Lane V/C Ratio	0.011	-	0.187	-	-
HCM Ctrl Dly (s/v)	10.3	-	28.4	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0	-	0.7	-	-