Appendix A

Notice of Preparation and Scoping Letters

POSTED
AUG 24 2020
ORANGE COUNTY CLERK-RECORDER DEPARTMENT
BY: _____ DEPUTY

ORANGE COUNTY
OC Public Works

NOTICE OF PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT AND NOTICE OF A PUBLIC SCOPING MEETING

DATE: August 24, 2020

SUBJECT: Notice of Preparation of a Draft Environmental Impact Report (EIR No. 633) and Public Scoping Meeting for the Mile Square Regional Park Master Plan

PROJECT: Mile Square Regional Park Master Plan

APPLICANT: County of Orange, OC Parks

Public Scoping Meeting: The County will host a virtual/online public scoping meeting to be held as noted below to provide an update to the project and to solicit comments relative to the content of the information to be analyzed in the Draft Environmental Impact Report (Draft EIR).

Date: September 10, 2020
Time: 6:00 pm
Location: For details on how to access the meeting, visit OC Parks website at https://www.ocparks.com/parks/mile/expansion

If you do not have access to the internet or are not able to join via the web, you can call the project hotline at 855-697-3702 to obtain access information and register for the meeting. Note you will need to call the hotline prior to the meeting date to register for the meeting.

Public input regarding the appropriate topics for analysis to be included within the EIR is being sought. In order for your concerns to be incorporated into the Draft EIR, we need to know your views as to the scope and content of the environmental information in connection with the Mile Square Regional Park (MISQ) Master Plan (Project). Pursuant to CEQA Guidelines Section 15082(b), all comments must be received as soon as possible but not later than 30 days after receipt of this notice. The comment period for this Notice is August 24, 2020 to September 22, 2020. You may provide your comments online at https://www.ocparks.com/parks/mile/expansion, through email at milesquareexpansion@ocparks.com, or by submitting them in writing to the address at the bottom of this Notice.

Under CEQA Guidelines Section 15060(d), the County of Orange, as lead agency, has determined that a Draft EIR would be required. Upon completion of the Draft EIR, that document will be made available for public review and comment. There will be public notice regarding its availability at that time. Following the public review period for the Draft EIR, responses to all public and public agency comments received will be prepared and the project will be scheduled for a noticed public hearing before the Orange County Board of Supervisors.

Project Location:

Mile Square is a 607-acre urban park located in north Orange County in the City of Fountain Valley. The site is generally located west of Euclid Street, to the east of Brookhurst Street and to the north and south of Warner and Edinger respectively. Figure 1 shows the regional location and Figure 2 provides a site location map.

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Within the Mile Square boundaries are three regulation golf courses and the Fountain Valley Sports Park which make up 421 acres in the western portion of Mile Square. In addition, MISQ is 186 acres of regional park amenities that makes up the eastern portion of Mile Square.

The proposed project site encompasses 93 acres of the existing Mile Square Golf Course and the 186 acres of existing MISQ located in the eastern portion of Mile Square. The proposed project would integrate the existing Mile Square Golf Course parcel, which currently holds a lease from OC Parks to operate, with the regional park facilities as well as complete additional improvements within the eastern portion of the existing regional park.

Project Description:

The proposed project involves improvements outlined in the MISQ Master Plan which includes the addition of 93 acres from the Mile Square Golf Course parcel to the existing MISQ regional park facilities. MISQ is a fully developed, multi-use facility with many existing resources. The transition of the golf course into regional park amenities within MISQ will build on the park's existing resources, amenities and programs that are enjoyed by the public. The MISQ Master Plan identifies multi-modal circulation improvements, specific programming opportunities, areas for ecological restoration and other recreational improvements that focus on expanding the park's recreational value and open space preservation. A high-level summary of the MISQ Master Plan improvements are introduced below. Figure 3 shows the conceptual site plan for improvements within the 93-acre Mile Square Golf Course parcel, and Figure 4 shows the location of improvements within the existing regional park.

- Circulation Improvements
  The MISQ Master Plan proposes a new vehicular entrance at Heil Street to create a new connection to the existing road within the park. The MISQ Master Plan also proposes the addition of new parking areas to improve park access, improvements to existing and new pedestrian trails, and plans and designs for bicyclists.

- Park Core Programs
  The MISQ Master Plan includes a variety of programming components that will lead to the future park core programs. The five key components of the park core programs include historic references, educational programs and passive narratives throughout the park, multiuse open areas, civic spaces that are multi-functional, and expansion of the nature facility.

- Environmental Habitat Improvements
  The MISQ Master Plan will take advantage of the open space and existing infrastructure to create a diverse culture of ecosystems and habitats. This will include tree plantings, adaptation of existing water features, and the introduction of a diverse plant palette. The MISQ Master Plan will expand the existing tree canopy by planting trees within the project area to create a naturalistic environment at the park. An element of the master plan emphasizes the existing ponds which provide a habitat for both plant material and wildlife. The MISQ Master Plan will also reduce the amount of turf grass plantings in the expansion area and replace it with a diverse mixture of other plant material.

As mentioned above, the MISQ Master Plan improvements will occur within MISQ at the eastern portion of Mile Square and the 93-acre portion of the Mile Square Golf Course. The proposed improvements are described in more detail below.

Improvements Within Existing 186-acre Regional Park Boundary
Circulation improvements within MISQ include a modified vehicular intersection and new park entrance at Heil Avenue and updates to existing walkways. A new Ranger Station is planned to be built near the new park entrance near Heil Avenue. Habitat improvements are also proposed and would involve re-grading the existing stormwater

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drainage channel with a more gradual slope and landscape revegetation. New signage and wayfinding will be included. Upgrades will be made to the existing gravel lot north of the expansion boundary. A portion of the gravel lot will be improved to a paved lot and the other half will be converted to a pedestrian-only plaza. A relocated maintenance and storage yard will be expanded to 2.4-acres along the eastern edge abutting the Fountain Valley Sports Park.

Improvements Within 93-Acre Mile Square Golf Course Parcel
Within the existing 93-acre Mile Square Golf Course parcel, proposed circulation improvements include a 20-foot wide vehicular/security access trail along the perimeter of the new development. Habitat improvements involve planting a new 100-foot minimum tree buffer. Six of the existing ponds will remain protected in place and habitat revegetation and improvements will be made to the existing perimeter tree canopy. Two new restrooms are proposed. New benches and picnic shelters will be evenly distributed throughout the development area. As mentioned above, programing components are a key element of the MISQ Master Plan as well. A Visitor Center with educational information will be developed. A Botanic Garden and Nature Camp with Adventure Play will be located in the southern border of the site. A Great Meadow which will function as a multiuse space and including a terraced amphitheater facility to be used for large musical events and performances. A Shade Pavilion and Plaza will also be developed adjacent to the amphitheater facility.

Environmental Effects:

A full scope Environmental Impact Report would be prepared for the proposed project with the exception of agriculture and forestry resources, mineral resources, and population and housing. These resources have been scoped out from further environmental review for the reasons stated below.

Agriculture and Forestry Resources
The proposed project area is characterized by open space and is primarily surrounded by residential development (City of Fountain Valley, 2019). According to the Farmland Mapping and Monitoring Program, no agricultural lands including Prime, Unique, or Farmland of Statewide Importance exist within or immediately adjacent to the project site, and the project site is located on land designated as Urban and Built-Up land (California Department of Conservation, 2016). There are also no zoned timberland or forest lands within the proposed project area. The project site is not zoned for agricultural uses and is not subject to the provisions of the Farmland Protection Policy Act. In addition, there are no agricultural preserves or parcels under Williamson Act contracts within the project area. Land uses immediately adjacent to the proposed project are zoned for residential and commercial uses. Therefore, the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural use; conflict with existing zoning for agricultural use, Williamson Act contracts or zoning of timberlands or forest lands; or otherwise result in the loss of forest lands or convert farmland to non-agricultural uses. No impacts would occur.

Mineral Resources
The project site and surrounding areas are not identified as sources of important mineral resources (California Department of Conservation, 2015), and mineral extraction activities are not present on the project site or on adjacent or nearby properties. Thus, the proposed project would not result in the loss of availability of a known mineral resource that would be of value to the region and residents of the state or loss of availability of locally important mineral resource recovery site delineated on a local, general, or specific plan or other land use plan (County of Orange, 2014). No impacts would occur.

Population and Housing
The proposed project does not involve the development of residential or commercial uses or infrastructure that would induce substantial unplanned population growth in the area, but would rather involve park improvements to existing and new amenities within the existing MISQ park boundaries. The project aims to enhance park and

recreational use for residents and visitors and is not expected to induce growth. Thus, no substantial population growth in the area would be induced, directly or indirectly, as a result of implementing the proposed project. Furthermore, as no residential units currently exist on the project site, and project development would not cause displacement of any persons or require construction of housing elsewhere. As such, the proposed project would not displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere. No impacts would occur.

The Notice of Preparation is available for review on the County's website: https://www.ocpublicworks.com/ds/planning/projects/1st_district and on the OC Park's project website: https://www.ocparks.com/parks/mile/expansion

If you have any questions or need additional information, please contact Natalia Gaerlan at (949) 923-3759. Submit written comments to the following email address: milesquareexpansion@ocparks.com . The mailing address is OC Parks/Planning & Design Division, 13042 Old Myford Road, Irvine, CA 92602.

Submitted by: Natalia Gaerlan

Name: Natalia Gaerlan, PLA, Senior Project Manager
OC Parks, Planning & Design Division

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Attachments:
Figure 1 – Regional Vicinity
Figure 2 – Project Location
Figure 3 – Conceptual Master Plan
Figure 4 – Existing Park Improvements

References:

California Department of Conservation. 2015. Mineral Land Classification. Available: https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc. Accessed July 20, 2020.

California Department of Conservation. 2016. California Important Farmland Finder. Available: https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed: July 29, 2020.

City of Fountain Valley. 2015. General Plan - Land Use Plan Map. Available: https://www.fountainvalley.org/DocumentCenter/View/508/Chapter-2-Land-Use-Plan-Map. Accessed July 29, 2020.

City of Fountain Valley. 2019. General Plan. Available: https://www.fountainvalley.org/DocumentCenter/View/506/Chapter-1-General-Plan-Introduction-March-21-1995. Accessed July 29, 2020.

County of Orange. 2014. Orange General Plan – Resources Element. July 2014. Available: https://www.ocgov.com/civicax/filebank/blobdload.aspx?blobid=8625. Accessed August 4, 2020.

DEPARTMENT OF TRANSPORTATION
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Making Conservation a California Way of Life.

September 23, 2020

Ms. Natalia Gaerlan
County of Orange, OC Parks
13042 Old Myford Road
Irvine, CA 92602

File: IGR/CEQA
SCH#: 2020089024
DOC#: 12-ORA-2020-01443
I-405

Dear Ms. Gaerlan,

Thank you for including the California Department of Transportation (Caltrans) in the review of the Notice of Preparation (NOP) for the proposed Miles Square Regional Park. The mission of Caltrans is to provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability.

The project proposes to redevelop areas of the Miles Square Golf Course and improve areas of the existing Miles Square Park. The project is located in the City of Fountain valley, near Caltrans facilities Interstate 405 (I-405). Caltrans is a commenting agency and has the following comments:

Transportation Planning:

1. Please be aware that Caltrans District 12 is currently in discussion with the City of Fountain Valley to relocate the existing Park and Ride location near the Boys & Girls Club within the Fountain Valley Sports Park. The proposed new location of the Park and Ride will be near the tennis courts, just south of the David L Baker Gold Course, and would utilize the existing parking spaces within Fountain Valley Sports Park.

2. As part of state goals to increase active transportation, Caltrans recommends the inclusion of secure and functional short-term bike parking. Short-term bike parking should be placed in visible areas that are close to desired destinations within the park and should be installed at least 24" away from walls and other objects (e.g. trash cans, plants, etc.). Bike parking should also be both secure (allows frame of bicycle to be locked to rack) and functional (adequate spacing between bicycle spaces).

3. For additional guidance on providing functional bike parking, see the attached "Essentials of Bike Parking" guidance created by the Association

of Pedestrian and Bicycle Professionals (link to online PDF: https://www.apbp.org/Publications).

Traffic Operations:

4. A Traffic Analysis should be conducted to determine the impact to the traffic to the I-405. It should address the impact to the I-405 ramps and ramp intersections on Brookhurst St, Warner Ave, and Magnolia. Note, the I-405 is currently under construction as part of the I-405 Improvement Project.

Permits:

5. Any project work proposed in the vicinity of the State ROW would require an encroachment permit and all environmental concerns must be adequately addressed. If the environmental documentation for the project does not meet Caltrans's requirements for work done within State ROW, additional documentation would be required before approval of the encroachment permit. Please coordinate with Caltrans to meet requirements for any work within or near State ROW. For specific details for Encroachment Permits procedure, please refer to the Caltrans's Encroachment Permits Manual at: http://www.dot.ca.gov/hq/traffops/developserv/permits/

Please continue to keep us informed of this project and any future developments that could potentially impact State transportation facilities. If you have any questions or need to contact us, please do not hesitate to contact Jude Miranda at (657) 328-6229 or Jude.Miranda@dot.ca.gov.

Sincerely,

SCOTT SHELLEY
Branch Chief, Regional-IGR-Transit Planning
District 12

Jones, Tanya

From: Turner, Jennifer@Wildlife <Jennifer.Turner@wildlife.ca.gov>
Sent: Tuesday, September 22, 2020 4:57 PM
To: Mile Square Expansion <milesquareexpansion@ocparks.com>
Cc: Lane, Jessie@Wildlife <Jessie.Lane@Wildlife.ca.gov>; Hailey, Cindy@Wildlife <Cindy.Hailey@wildlife.ca.gov>
Subject: Mile Square Park Master Plan NOP Comments, SCH # 2020089024

Good afternoon,

The California Department of Fish and Wildlife (CDFW) has reviewed the Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) dated August 24, 2020, for the Mile Square Regional Park Project. CDFW is a Trustee Agency and a Responsible Agency pursuant to the California Environmental Quality Act (CEQA; §§ 15386 and 15281, respectively) and is responsible for ensuring appropriate conservation of the state's biological resources, including rare, threatened, and endangered plant and animal species, pursuant to the California Endangered Species Act (Fish and Game Code § 2050 *et seq*.) and other sections of the Fish and Game Code (1600 *et seq*.). CDFW also administers the Natural Community Conservation Planning (NCCP) program.

To provide a thorough discussion of potential direct, indirect, and cumulative Project-related impacts on biological resources, the following should be addressed in the DEIR:

1) The NOP indicates that the Project will involve environmental habitat improvements including: tree planting, adaptation of existing water features, and introduction of a diverse plant palette. The plant palette should ideally include native plants, which are both drought tolerant and support native pollinators. The DEIR should also analyze any impacts to existing vegetation or open space areas, focusing on minimizing impacts to biological resources.
2) An inventory of rare, threatened, endangered and other sensitive species on site and within the area of potential effect. Species to be addressed should include all those which meet the CEQA definition (see CEQA Guidelines, § 15380). This should include sensitive fish, wildlife, reptile, and amphibian species. Seasonal variations in use of the project area should also be addressed. Focused species-specific surveys, conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable, are required. Acceptable species-specific survey procedures should be developed in consultation with CDFW and the U.S. Fish and Wildlife Service.
3) In order to avoid impacts to nesting birds, the EIR should require that clearing of vegetation and construction activities occur outside of the peak avian breeding season which generally runs from February 1 through September 1 (as early as January 1 for some raptors). If project construction is necessary during the bird breeding season, a qualified biologist with experience in conducting bird breeding surveys should conduct weekly bird surveys for nesting birds, within three days prior to the work in the area, and ensure no nesting birds in the project area would be impacted by the project. If an active nest is identified, a buffer determined by the qualified biologist should be established between the construction activities and the nest so that nesting activities are not interrupted. Buffers should be delineated by temporary fencing, and remain in effect as long as construction is occurring or until the nest is no longer active. No project construction should occur within the fenced nest zone until the young have fledged, are no longer being fed by the parents, have left the nest, and will no longer be impacted by the project. Reductions in the nest buffer distance may be appropriate depending on the avian species involved, ambient levels of human activity, screening vegetation, or possibly other factors.

We appreciate the opportunity to comment on the NOP for this project. Should you have any questions pertaining to biological resources or regarding this email, please contact CDFW for additional coordination.

Thank you,

Jennifer Turner
Senior Environmental Scientist (Supervisor)
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August 25, 2020

Natalia Gaerlan
County of Orange, OC Parks
13042 Old Myford Road
Irvine, CA 92602

Re: 2020089024, Mile Square Regional Park Master Plan Project, Orange County

Dear Ms. Gaerlan:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (http://ohp.parks.ca.gov/?page_id=1068) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

cc: State Clearinghouse

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September 22, 2020

County of Orange
OC Park/Planning & Design Division
13042 Old Myford Road
Irvine, CA 92602

Subject: **Notice of Preparation of a Draft Environmental Report and Notice of a Public Meeting for the Mile Square Regional Park Master Plan**

To Whom It May Concern:

Thank you for providing the Orange County Transportation Authority (OCTA) with a copy of the Notice of Preparation (NOP) of a Draft Environmental Report (DEIR) and a Public Meeting for the Mile Square Regional Park Master Plan Update (Project). The following comments are provided for your consideration:

- While CEQA now uses vehicle miles traveled to identify transportation impacts, OCTA still requires level of service analysis to monitor Congestion Management Program (CMP) Highway System (HS) performance, per the CMP Traffic Impact Analysis Requirements. Such analysis may be submitted to OCTA separately from any CEQA documents. For more information, please refer to the 2019 CMP Report available here: http://www.octa.net/Projects-and-Programs/Plans-and-Studies/Congestion-Management-Program/Overview/

- Please note that Warner Avenue and Harbor Boulevard are part of the CMPHS. Additionally, the Harbor Boulevard/Warner Avenue intersection is a CMP intersection. These roadways and this intersection should be analyzed accordingly for any potential traffic impacts consistent with the Orange County CMP.

Throughout the development of this project, we encourage communication with OCTA on any matters discussed herein. If you have any questions or comments, please contact me at (714) 560-5907 or at dphu@octa.net.

Sincerely,

Dan Phu
Manager, Environmental Programs

Sea and Sage Audubon

P.O. BOX 5447, IRVINE, CA 92616-5447

(949) 261-7963

November 11, 2020

Natalia Gaerlan, PLA
Senior Project Manager
OC Parks, Planning and Design Division
13042 Old Myford Road
Irvine, CA 92602

Re: EIR for expansion of MSRP

Dear Natalia Gaerlan,

Sea and Sage Audubon Society appreciates the opportunity to provide comments for the Notice of Preparation (NOP) for the Draft Environmental Impact Report (EIR No. 633) Mile Square Regional Park Master Plan. Our concerns are that in the process of converting 93 acres of MSRP from golf course usage to a broader range of pubic uses, steps are taken to protect and enhance natural resources. We look forward to reviewing the Draft Environmental Impact Report (DEIR) for this project when it is published.

Urban parks provide a variety of services to people, including a place to appreciate nature and step back from concrete and asphalt, and also provide critical habitat for wildlife, especially birds, in this largely urbanized area. Trees, shrubs and ponds are the principal features of an urban park that appeal to wildlife. These same features appeal to humans, as well and many species of birds can coexist well with people in park environments.

We encourage the county to design and carry out the expansion without harm to existing habitat in the park and to do so in ways that create maximum possible new benefit to wildlife and people's enjoyment of nature.

Existing Nature Area – Pedestrian Accessway

In early presentations about this project, it was suggested that a rather significant pedestrian accessway (characterized by county staff as a "promenade") would possibly be constructed through the heart of the nature area, posing a significant threat to its habitat value. The presentation by county staff at the September 10 Scoping Meeting, however, said that the pedestrian 'promenade' through the nature area will be eliminated and that no impacts to the

existing Nature Area, outside of the golf course itself, will occur as a result of the project. We would appreciate confirmation that no impacts to the existing Nature Area will occur and that should any unforeseen impacts arise, they will be fully analyzed in the DEIR.

Golf course

The existing golf course has about a half dozen ponds that provide habitat for waterfowl and other water-associated birds. We understand that the county plans to retain and even enhance these ponds and in the process make them more natural. We commend the county for this aspect of the project plan.

Expansion of Natural Habitat inside the Golf Course: As presented by county staff at the Scoping meeting, natural habitat inside the existing golf course would be expanded to the east. We applaud this feature of the county plan.

Over the years and as recently as 2020, Sea and Sage has been informed of many observations of adult and fledgling Vermilion Flycatchers (*Pyrocephalus nigricans*), a California Species of Special Concern, at MSRP. The observations have frequently been made inside the existing golf course, but also inside the Nature Area and within the public park, but usually near the golf course fence. This is very suggestive that Vermillion Flycatchers regularly nest in or near the golf course. Will the DEIR address potential presence and impacts to this sensitive species in the golf course?

Water supply for water features: Water features of various kinds are important in all parts of MSRP. To ensure the sustainability of these features we encourage the county to give consideration to a system by which storm water flow through the park is redirected to provide water for the ponds that currently exist in the golf course and the Nature Area. Utilization of this water would provide low cost water compared with tap water. It would also reduce the volume of urban runoff that must be dealt with at great expense by OC Flood Control District.

Small manmade ponds in creeks and rivers are commonly used as Natural Treatment Systems (NTS) for the purpose of filtering run-off water and naturally reduce pollutants. Has NTS been considered for the re-working of the creek? We urge the county to install NTS in the ponds and creeks.

Thank you again for allowing us to comment. Please feel free to contact us with any questions.

Sincerely,

Susan

Susan Sheakley
Conservation Committee Chair
Sea and Sage Audubon Society

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL:
milesquareexpansion@ocparks.com
Natalia Gaerlan, PLA, Senior Project Manager
Orange County Public Works, OC Parks
Planning and Design Division
601 North Ross Street
Santa Ana, CA 92701

September 15, 2020

Notice of Preparation of a Draft Environmental Impact Report for the Mile Square Regional Park Master Plan (Proposed Project)

South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. Our comments are recommendations on the analysis of potential air quality impacts from the Proposed Project that should be included in the Draft Environmental Impact Report (EIR). Please send a copy of the Draft EIR upon its completion and public release directly to South Coast AQMD as copies of the Draft EIR submitted to the State Clearinghouse are not forwarded. **In addition, please send all appendices and technical documents related to the air quality, health risk, and greenhouse gas analyses and electronic versions of all emission calculation spreadsheets, and air quality modeling and health risk assessment input and output files (not PDF files). Any delays in providing all supporting documentation for our review will require additional review time beyond the end of the comment period.**

CEQA Air Quality Analysis

Staff recommends that the Lead Agency use South Coast AQMD's CEQA Air Quality Handbook and website[1] as guidance when preparing the air quality and greenhouse gas analyses. It is also recommended that the Lead Agency use the CalEEMod[2] land use emissions software, which can estimate pollutant emissions from typical land use development and is the only software model maintained by the California Air Pollution Control Officers Association.

South Coast AQMD has developed both regional and localized significance thresholds. South Coast AQMD staff recommends that the Lead Agency quantify criteria pollutant emissions and compare the emissions to South Coast AQMD's CEQA regional pollutant emissions significance thresholds[3] and localized significance thresholds (LSTs)[4] to determine the Proposed Project's air quality impacts. The localized analysis can be conducted by either using the LST screening tables or performing dispersion modeling.

The Lead Agency should identify any potential adverse air quality impacts that could occur from all phases of the Proposed Project and all air pollutant sources related to the Proposed Project. Air quality impacts from both construction (including demolition, if any) and operations should be calculated. Construction-related air quality impacts typically include, but are not limited to, emissions from the use of

[1] South Coast AQMD's CEQA Handbook and other resources for preparing air quality analyses can be found at: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook.
[2] CalEEMod is available free of charge at: www.caleemod.com.
[3] South Coast AQMD's CEQA regional pollutant emissions significance thresholds can be found at: http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf.
[4] South Coast AQMD's guidance for performing a localized air quality analysis can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds.

heavy-duty equipment from grading, earth-loading/unloading, paving, architectural coatings, off-road mobile sources (e.g., heavy-duty construction equipment) and on-road mobile sources (e.g., construction worker vehicle trips, material transport trips, and hauling trips). Operation-related air quality impacts may include, but are not limited to, emissions from stationary sources (e.g., boilers and air pollution control devices), area sources (e.g., solvents and coatings), and vehicular trips (e.g., on- and off-road tailpipe emissions and entrained dust). Air quality impacts from indirect sources, such as sources that generate or attract vehicular trips, should be included in the analysis. Furthermore, emissions from the overlapping construction and operational activities should be combined and compared to South Coast AQMD's regional air quality CEQA ***operational*** thresholds to determine the level of significance.

If the Proposed Project generates diesel emissions from long-term construction or attracts diesel-fueled vehicular trips, especially heavy-duty diesel-fueled vehicles, it is recommended that the Lead Agency perform a mobile source health risk assessment[5].

The South Coast AQMD's *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*[6] includes suggested policies that local governments can use in their General Plans or through local planning to prevent or reduce potential air pollution impacts and protect public health. It is recommended that the Lead Agency review this Guidance Document as a tool when making local planning and land use decisions.

Mitigation Measures

In the event that the Proposed Project results in significant adverse air quality impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized to minimize these impacts. Any impacts resulting from mitigation measures must also be analyzed. Several resources to assist the Lead Agency with identifying potential mitigation measures for the Proposed Project include South Coast AQMD's CEQA Air Quality Handbook[1], South Coast AQMD's Mitigation Monitoring and Reporting Plan for the 2016 Air Quality Management Plan[7], and Southern California Association of Government's Mitigation Monitoring and Reporting Plan for the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy[8].

South Coast AQMD staff is available to work with the Lead Agency to ensure that air quality, greenhouse gas, and health risk impacts from the Proposed Project are accurately evaluated and mitigated where feasible. If you have any questions regarding this letter, please contact me at lsun@aqmd.gov.

Sincerely,

Lijin Sun

Lijin Sun, J.D.
Program Supervisor, CEQA IGR
Planning, Rule Development & Area Sources

LS
ORC200901-07
Control Number

[5] South Coast AQMD's guidance for performing a mobile source health risk assessment can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis.
[6] South Coast AQMD. 2005. *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*. Available at: http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.
[7] South Coast AQMD's 2016 Air Quality Management Plan can be found at: http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2017/2017-mar3-035.pdf (starting on page 86).
[8] Southern California Association of Governments' 2020-2045 RTP/SCS can be found at: https://www.connectsocal.org/Documents/PEIR/certified/Exhibit-A_ConnectSoCal_PEIR.pdf.

Appendix B

Air Quality and GHG Emissions Modeling Calculations

Construction Emissions

Regional Emissions Summary

Emissions by Phase	Daily Emissions (lb/day)						Daily Emissions (lb/day)			Total MT			
Phase Name	ROG	NOX	CO	SOX	PM10 Total	PM2.5 Total	CO2	CH4	N2O	CO2	CH4	N2O	CO2e
Phase 1-Demolition	3.26	32.68	22.45	0.04	6.04	3.38	4,239.02	1.06	0.06	38.46	0.01	0.00	38.85
Phase 1-Site Preparation	3.97	41.24	22.02	0.04	7.82	4.63	4,052.75	1.20	0.03	26.74	0.01	0.00	26.99
Phase 1-Construction	3.18	28.25	29.65	0.08	10.06	2.61	8,011.55	0.72	0.50	1,097.14	0.10	0.07	1,119.81
Phase 2A/2B-Demolition	2.78	29.28	21.88	0.05	9.14	3.62	5,193.90	1.06	0.21	70.68	0.01	0.00	71.88
Phase 2A/2B-Site Preparation	2.71	28.00	18.96	0.04	7.05	3.90	4,032.86	1.19	0.03	44.95	0.01	0.00	45.37
Phase 2A/2B-Construction	3.38	29.64	40.52	0.14	20.45	4.15	13,980.16	0.77	1.00	3,175.29	0.18	0.23	3,247.11
Phase 2A/2B-Paving	1.37	8.61	15.04	0.02	0.60	0.43	2,355.78	0.72	0.00	42.40	0.01	0.00	42.75
Phase 2A/2B-Architectural Coating	9.06	1.39	5.42	0.01	1.44	0.43	1,437.51	0.04	0.03	23.20	0.00	0.00	23.34
Phase 3-Demolition	2.15	20.47	20.19	0.05	6.10	2.83	4,451.06	1.05	0.09	60.57	0.01	0.00	61.29
Phase 3-Site Preparation	2.52	25.70	18.55	0.04	6.87	3.74	4,023.74	1.19	0.03	44.87	0.01	0.00	45.29
Phase 3-Construction	2.96	27.39	37.87	0.13	20.28	3.98	13,617.20	0.74	0.96	3,091.81	0.17	0.22	3,160.71
Phase 3-Paving	1.36	8.61	15.00	0.02	0.60	0.43	2,350.21	0.72	0.00	40.31	0.01	0.00	40.64
Phase 3-Architectural Coating	9.03	1.35	5.05	0.01	1.44	0.42	1,394.35	0.04	0.02	22.52	0.00	0.00	22.64
Phase 4-Demolition	2.14	20.18	20.08	0.04	5.82	2.79	4,304.43	1.05	0.07	39.05	0.01	0.00	39.47
Phase 4-Site Preparation	2.52	25.69	18.50	0.04	6.86	3.74	4,012.62	1.19	0.03	23.22	0.01	0.00	23.44
Phase 4-Construction	2.00	19.18	24.93	0.07	9.48	2.06	7,367.19	0.65	0.42	1,009.47	0.09	0.06	1,028.80
Phase 4-Paving	1.36	8.61	14.98	0.02	0.60	0.43	2,347.93	0.72	0.00	23.30	0.01	0.00	23.49
Phase 4-Architectural Coating	8.89	1.22	3.15	0.01	0.68	0.22	768.97	0.02	0.01	7.61	0.00	0.00	7.65
Phase 5-Demolition	2.14	20.17	20.04	0.04	5.85	2.80	4,289.26	1.05	0.07	58.37	0.01	0.00	58.99
Phase 5-Site Preparation	2.51	25.69	18.46	0.04	6.87	3.74	4,003.24	1.19	0.03	44.68	0.01	0.00	45.10
Phase 5-Construction	2.65	26.87	34.64	0.12	20.27	3.98	12,937.65	0.70	0.89	2,937.69	0.16	0.20	3,001.70
Phase 5-Paving	1.83	7.14	16.21	0.03	0.51	0.38	2,792.44	0.13	0.00	47.95	0.00	0.00	48.01
Phase 5-Architectural Coating	8.94	1.01	4.57	0.01	1.41	0.39	1,336.09	0.03	0.02	21.59	0.00	0.00	21.70
Maximum Daily Emissions	**10.76**	**73.92**	**59.48**	**0.18**	**27.50**	**8.05**						**Total**	**12,346.89**
SCAQMD Regional Thresholds	75	100	550	150	150	55						**30 -Year Amortization**	**411.56**
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**							

	Daily Emissions (lb/day)					
Overlapping Phases	**ROG**	**NOX**	**CO**	**SOX**	**PM10 Total**	**PM2.5 Total**
Phase 1-Demolition + Phase 1-Site Preparation	7.23	73.92	44.47	0.09	13.86	8.01
Phase 1-Site Preparation + Phase 1-Construction	7.15	69.49	51.67	0.12	17.89	7.24
Phase 2A/2B-Demolition + Phase 2A/2B-Site Preparation	5.49	57.29	40.84	0.10	16.19	7.52
Phase 2A/2B-Site Preparation + Phase 2A/2B-Construction	6.09	57.64	59.48	0.18	27.50	8.05
Phase 2A/2B-Construction + Phase 2A/2B-Paving	4.75	38.25	55.57	0.16	21.05	4.58
Phase 2A/2B-Paving + Phase 2A/2B-Architectural Coating	10.43	10.00	20.47	0.04	2.04	0.86
Phase 3-Demolition + Phase 3-Site Preparation	4.67	46.17	38.74	0.09	12.97	6.58
Phase 3-Site Preparation + Phase 3-Construction	5.48	53.10	56.42	0.17	27.15	7.73
Phase 3-Construction + Phase 3-Paving	4.32	36.00	52.86	0.16	20.88	4.42
Phase 3-Paving + Phase 3-Architectural Coating	10.39	9.96	20.04	0.04	2.04	0.86
Phase 4-Demolition + Phase 4-Site Preparation	4.66	45.87	38.57	0.09	12.68	6.53
Phase 4-Site Preparation + Phase 4-Construction	4.51	44.87	43.42	0.11	16.34	5.80
Phase 4-Construction + Phase 4-Paving	3.36	27.78	39.90	0.10	10.08	2.50
Phase 4-Paving + Phase 4-Architectural Coating	10.25	9.83	18.13	0.03	1.28	0.65
Phase 5-Demolition + Phase 5-Site Preparation	4.65	45.85	38.50	0.09	12.72	6.54
Phase 5-Site Preparation + Phase 5-Construction	5.16	52.56	53.10	0.17	27.14	7.72
Phase 5-Construction + Phase 5-Paving	4.47	34.01	50.85	0.15	20.78	4.36
Phase 5-Paving + Phase 5-Architectural Coating	10.76	8.15	20.77	0.04	1.92	0.77

Localized Emissions Summary

Emissions by Phase	Daily Emissions (lb/day)			
Phase Name	NOX	CO	PM10 Total	PM2.5 Total
Phase 1-Demolition	31.66	21.65	5.75	3.29
Phase 1-Site Preparation	40.66	21.21	7.56	4.55
Phase 1-Construction	19.79	17.42	6.09	1.43
Phase 2A/2B-Demolition	26.32	20.85	8.60	3.45
Phase 2A/2B-Site Preparation	27.67	18.30	6.79	3.83
Phase 2A/2B-Construction	18.98	17.95	11.82	1.77
Phase 2A/2B-Paving	8.58	14.58	0.42	0.39
Phase 2A/2B-Architectural Coating	1.15	1.81	0.05	0.05
Phase 3-Demolition	19.50	19.55	5.76	2.74
Phase 3-Site Preparation	25.38	17.97	6.62	3.67
Phase 3-Construction	17.09	17.80	11.64	1.61
Phase 3-Paving	8.58	14.58	0.42	0.39
Phase 3-Architectural Coating	1.15	1.81	0.05	0.05
Phase 4-Demolition	19.45	19.52	5.52	2.70
Phase 4-Site Preparation	25.38	17.97	6.61	3.67
Phase 4-Construction	14.61	16.88	5.64	1.01
Phase 4-Paving	8.58	14.58	0.42	0.39
Phase 4-Architectural Coating	1.15	1.81	0.05	0.05
Phase 5-Demolition	19.45	19.52	5.55	2.71
Phase 5-Site Preparation	25.38	17.97	6.62	3.67
Phase 5-Construction	17.14	17.81	11.64	1.60
Phase 5-Paving	7.12	15.85	0.33	0.33
Phase 5-Architectural Coating	0.86	1.80	0.02	0.02
Maximum Daily Emissions	**72.32**	**42.86**	**18.61**	**7.84**
SCAQMD Regional Thresholds	167	1734	39	9
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source Receptor Area: 17, Central Orange County
5-acre site, 50 meter receptor distance

	Daily Emissions (lb/day)			
Overlapping Phases	**NOX**	**CO**	**PM10 Total**	**PM2.5 Total**
Phase 1-Demolition + Phase 1-Site Preparation	72.32	42.86	13.31	7.84
Phase 1-Site Preparation + Phase 1-Construction	60.45	38.63	13.65	5.97
Phase 2A/2B-Demolition + Phase 2A/2B-Site Preparation	53.99	39.14	15.40	7.28
Phase 2A/2B-Site Preparation + Phase 2A/2B-Construction	46.65	36.25	18.61	5.60
Phase 2A/2B-Construction + Phase 2A/2B-Paving	27.56	32.53	12.23	2.15
Phase 2A/2B-Paving + Phase 2A/2B-Architectural Coating	9.73	16.39	0.47	0.44
Phase 3-Demolition + Phase 3-Site Preparation	44.88	37.51	12.38	6.41
Phase 3-Site Preparation + Phase 3-Construction	42.47	35.77	18.26	5.28
Phase 3-Construction + Phase 3-Paving	25.68	32.38	12.06	1.99
Phase 3-Paving + Phase 3-Architectural Coating	9.73	16.39	0.47	0.44
Phase 4-Demolition + Phase 4-Site Preparation	44.83	37.49	12.12	6.37
Phase 4-Site Preparation + Phase 4-Construction	39.99	34.84	12.25	4.68
Phase 4-Construction + Phase 4-Paving	23.19	31.45	6.06	1.39
Phase 4-Paving + Phase 4-Architectural Coating	9.73	16.39	0.47	0.44
Phase 5-Demolition + Phase 5-Site Preparation	44.83	37.49	12.16	6.38
Phase 5-Site Preparation + Phase 5-Construction	42.52	35.78	18.26	5.28
Phase 5-Construction + Phase 5-Paving	24.26	33.66	11.97	1.94
Phase 5-Paving + Phase 5-Architectural Coating	7.98	17.65	0.35	0.35

Since Phase 1 and Phase 2A/2B do not include components (mainly park upgrades) that would generate operational emissions. Overlapping construction and operatinal emissions would only occur after Phase 3 is constructed. Therefore overlapping scenarios would include Scenario 1: (Phase 4 Construction + Phase 3 Operations) or Scenario 2: (Phase 5 Construction + Phase 4 Operations)

Construction + Operations Overlap

Regional Emissions Summary

Emissions by Phase

				Daily Emissions (lb/day)					
Phase Name	**Start Date**	**End Date**	**# of Workdays**	**ROG**	**NOX**	**CO**	**SOX**	**PM10 Total**	**PM2.5 Total**
Phase 1-Demolition	8/2/21	8/27/21	20						
Phase 1-Site Preparation	8/22/21	9/11/21	15						
Phase 1-Construction	9/6/21	11/7/22	306						
Phase 2A/2B-Demolition	12/1/22	1/11/23	30						
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	25						
Phase 2A/2B-Construction	2/4/23	1/9/25	504						
Phase 2A/2B-Paving	1/4/25	2/28/25	40						
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	38						
Phase 3-Demolition	5/1/25	6/11/25	30						
Phase 3-Site Preparation	6/6/25	7/10/25	25						
Phase 3-Construction	7/5/25	6/9/27	503						
Phase 3-Paving	6/4/27	7/27/27	38						
Phase 3-Architectural Coating	7/22/27	9/13/27	38						
Phase 4-Demolition	10/1/27	10/28/27	20	2.14	20.18	20.08	0.04	5.82	2.79
Phase 4-Site Preparation	10/23/27	11/10/27	13	2.52	25.69	18.50	0.04	6.86	3.74
Phase 4-Construction	11/5/27	1/5/29	306	2.00	19.18	24.93	0.07	9.48	2.06
Phase 4-Paving	12/31/28	1/30/29	22	1.36	8.61	14.98	0.02	0.60	0.43
Phase 4-Architectural Coating	1/25/29	2/28/29	25	8.89	1.22	3.15	0.01	0.68	0.22
Phase 5-Demolition	3/1/29	4/11/29	30	2.14	20.17	20.04	0.04	5.85	2.80
Phase 5-Site Preparation	4/6/29	5/10/29	25	2.51	25.69	18.46	0.04	6.87	3.74
Phase 5-Construction	5/5/29	4/9/31	503	2.65	26.87	34.64	0.12	20.27	3.98
Phase 5-Paving	4/4/31	5/27/31	38	1.83	7.14	16.21	0.03	0.51	0.38
Phase 5-Architectural Coating	5/22/31	7/14/31	38	8.94	1.01	4.57	0.01	1.41	0.39
Maximum Daily Construction Emissions				**10.76**	**52.56**	**53.10**	**0.17**	**27.14**	**7.72**
Maximum Daily Operational Emissions				**0.16**	**-2.56**	**-5.89**	**-0.01**	**-0.70**	**-0.20**
Maximum Daily Emissions				***10.92***	***50.00***	***47.21***	***0.15***	***26.44***	***7.52***
SCAQMD Regional Thresholds				55	55	550	150	150	55
Exceeds Threshold?				**No**	**No**	**No**	**No**	**No**	**No**

Offroad Equipment

Phase Name	Start	End	# of Workdays	First Year of CSTN	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2021	Concrete/Industrial Saws	1	8	81	0.73
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2021	Excavators	3	8	158	0.38
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2021	Rubber Tired Dozers	2	8	247	0.4
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	2021	Rubber Tired Dozers	3	8	247	0.4
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	2021	Tractors/Loaders/Backhoes	4	8	97	0.37
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	2021	Cranes	1	7	231	0.29
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	2021	Forklifts	3	8	89	0.2
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	2021	Generator Sets	1	8	84	0.74
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	2021	Tractors/Loaders/Backhoes	3	7	97	0.37
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	2021	Welders	1	8	46	0.45
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	2022	Concrete/Industrial Saws	1	8	81	0.73
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	2022	Excavators	3	8	158	0.38
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	2022	Rubber Tired Dozers	2	8	247	0.4
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	2023	Rubber Tired Dozers	3	8	247	0.4
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	2023	Tractors/Loaders/Backhoes	4	8	97	0.37
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	2023	Cranes	1	7	231	0.29
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	2023	Forklifts	3	8	89	0.2
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	2023	Generator Sets	1	8	84	0.74
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	2023	Tractors/Loaders/Backhoes	3	7	97	0.37
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	2023	Welders	1	8	46	0.45
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	2025	Pavers	2	8	130	0.42
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	2025	Paving Equipment	2	8	132	0.36
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	2025	Rollers	2	8	80	0.38
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	38	2025	2025	Air Compressors	1	6	78	0.48
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	2025	Concrete/Industrial Saws	1	8	81	0.73
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	2025	Excavators	3	8	158	0.38
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	2025	Rubber Tired Dozers	2	8	247	0.4
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	2025	Rubber Tired Dozers	3	8	247	0.4
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	2025	Tractors/Loaders/Backhoes	4	8	97	0.37
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	2025	Cranes	1	7	231	0.29
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	2025	Forklifts	3	8	89	0.2
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	2025	Generator Sets	1	8	84	0.74
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	2025	Tractors/Loaders/Backhoes	3	7	97	0.37
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	2025	Welders	1	8	46	0.45
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	2025	Pavers	2	8	130	0.42
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	2025	Paving Equipment	2	8	132	0.36
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	2025	Rollers	2	8	80	0.38
Phase 3-Architectural Coating	7/22/2027	9/13/2027	38	2027	2025	Air Compressors	1	6	78	0.48

Offroad Equipment

Phase Name	Start	End	# of Workdays	First Year of CSTN	EF Year	Equipment Type	# of Equipment	hours/day	HP	LF
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	2025	Concrete/Industrial Saws	1	8	81	0.73
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	2025	Excavators	3	8	158	0.38
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	2025	Rubber Tired Dozers	2	8	247	0.4
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	2025	Rubber Tired Dozers	3	8	247	0.4
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	2025	Tractors/Loaders/Backhoes	4	8	97	0.37
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	2025	Cranes	1	7	231	0.29
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	2025	Forklifts	3	8	89	0.2
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	2025	Generator Sets	1	8	84	0.74
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	2025	Tractors/Loaders/Backhoes	3	7	97	0.37
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	2025	Welders	1	8	46	0.45
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	2025	Pavers	2	8	130	0.42
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	2025	Paving Equipment	2	8	132	0.36
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	2025	Rollers	2	8	80	0.38
Phase 4-Architectural Coating	1/25/2029	2/28/2029	25	2029	2025	Air Compressors	1	6	78	0.48
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	2025	Concrete/Industrial Saws	1	8	81	0.73
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	2025	Excavators	3	8	158	0.38
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	2025	Rubber Tired Dozers	2	8	247	0.4
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	2025	Rubber Tired Dozers	3	8	247	0.4
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	2025	Tractors/Loaders/Backhoes	4	8	97	0.37
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	2025	Cranes	1	7	231	0.29
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	2025	Forklifts	3	8	89	0.2
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	2025	Generator Sets	1	8	84	0.74
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	2025	Tractors/Loaders/Backhoes	3	7	97	0.37
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	2025	Welders	1	8	46	0.45
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	2030	Pavers	2	8	130	0.42
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	2030	Paving Equipment	2	8	132	0.36
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	2030	Rollers	2	8	80	0.38
Phase 5-Architectural Coating	5/22/2031	7/14/2031	38	2031	2030	Air Compressors	1	6	78	0.48

Offroad Equipment	Emission Factor (g/bhp-hr)												
Phase Name	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	0.37	2.91	3.52	0.01	0.00	0.17	0.17	0.00	0.17	0.17	568.30	0.03	0.00
Phase 1-Demolition	0.22	2.03	3.09	0.01	0.00	0.10	0.10	0.00	0.09	0.09	472.36	0.15	0.00
Phase 1-Demolition	0.60	6.30	2.32	0.01	0.00	0.31	0.31	0.00	0.28	0.28	474.80	0.15	0.00
Phase 1-Site Preparation	0.60	6.30	2.32	0.01	0.00	0.31	0.31	0.00	0.28	0.28	474.80	0.15	0.00
Phase 1-Site Preparation	0.30	3.00	3.57	0.01	0.00	0.18	0.18	0.00	0.16	0.16	475.36	0.15	0.00
Phase 1-Construction	0.35	4.10	1.68	0.01	0.00	0.17	0.17	0.00	0.15	0.15	472.91	0.15	0.00
Phase 1-Construction	0.41	3.76	3.72	0.01	0.00	0.27	0.27	0.00	0.25	0.25	471.53	0.15	0.00
Phase 1-Construction	0.33	2.89	3.36	0.01	0.00	0.15	0.15	0.00	0.15	0.15	568.30	0.03	0.00
Phase 1-Construction	0.30	3.00	3.57	0.01	0.00	0.18	0.18	0.00	0.16	0.16	475.36	0.15	0.00
Phase 1-Construction	0.83	4.13	4.71	0.01	0.00	0.20	0.20	0.00	0.20	0.20	568.30	0.07	0.00
Phase 2A/2B-Demolition	0.34	2.69	3.51	0.01	0.00	0.14	0.14	0.00	0.14	0.14	568.30	0.03	0.00
Phase 2A/2B-Demolition	0.19	1.68	3.07	0.01	0.00	0.08	0.08	0.00	0.08	0.08	472.19	0.15	0.00
Phase 2A/2B-Demolition	0.48	5.05	2.06	0.01	0.00	0.24	0.24	0.00	0.22	0.22	474.62	0.15	0.00
Phase 2A/2B-Site Preparation	0.39	4.09	1.78	0.01	0.00	0.18	0.18	0.00	0.17	0.17	474.60	0.15	0.00
Phase 2A/2B-Site Preparation	0.24	2.43	3.53	0.01	0.00	0.12	0.12	0.00	0.11	0.11	476.43	0.15	0.00
Phase 2A/2B-Construction	0.30	3.23	1.55	0.01	0.00	0.14	0.14	0.00	0.12	0.12	472.97	0.15	0.00
Phase 2A/2B-Construction	0.33	3.06	3.65	0.01	0.00	0.19	0.19	0.00	0.17	0.17	471.53	0.15	0.00
Phase 2A/2B-Construction	0.28	2.48	3.35	0.01	0.00	0.12	0.12	0.00	0.12	0.12	568.30	0.03	0.00
Phase 2A/2B-Construction	0.24	2.43	3.53	0.01	0.00	0.12	0.12	0.00	0.11	0.11	476.43	0.15	0.00
Phase 2A/2B-Construction	0.70	3.89	4.60	0.01	0.00	0.15	0.15	0.00	0.15	0.15	568.30	0.06	0.00
Phase 2A/2B-Paving	0.18	1.64	3.01	0.01	0.00	0.08	0.08	0.00	0.07	0.07	472.49	0.15	0.00
Phase 2A/2B-Paving	0.18	1.51	3.04	0.01	0.00	0.08	0.08	0.00	0.07	0.07	470.48	0.15	0.00
Phase 2A/2B-Paving	0.26	2.69	3.44	0.01	0.00	0.14	0.14	0.00	0.13	0.13	473.85	0.15	0.00
Phase 2A/2B-Architectural Coating	0.35	2.31	3.65	0.01	0.00	0.10	0.10	0.00	0.10	0.10	568.30	0.03	0.00
Phase 3-Demolition	0.28	2.18	3.50	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.03	0.00
Phase 3-Demolition	0.16	1.15	3.08	0.01	0.00	0.06	0.06	0.00	0.05	0.05	472.50	0.15	0.00
Phase 3-Demolition	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 3-Site Preparation	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 3-Site Preparation	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 3-Construction	0.27	2.68	1.47	0.01	0.00	0.11	0.11	0.00	0.11	0.11	472.98	0.15	0.00
Phase 3-Construction	0.28	2.61	3.61	0.01	0.00	0.14	0.14	0.00	0.13	0.13	471.53	0.15	0.00
Phase 3-Construction	0.24	2.19	3.34	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.02	0.00
Phase 3-Construction	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 3-Construction	0.60	3.68	4.52	0.01	0.00	0.11	0.11	0.00	0.11	0.11	568.30	0.05	0.00
Phase 3-Paving	0.18	1.64	3.01	0.01	0.00	0.08	0.08	0.00	0.07	0.07	472.49	0.15	0.00
Phase 3-Paving	0.18	1.51	3.04	0.01	0.00	0.08	0.08	0.00	0.07	0.07	470.48	0.15	0.00
Phase 3-Paving	0.26	2.69	3.44	0.01	0.00	0.14	0.14	0.00	0.13	0.13	473.85	0.15	0.00
Phase 3-Architectural Coating	0.35	2.31	3.65	0.01	0.00	0.10	0.10	0.00	0.10	0.10	568.30	0.03	0.00

Offroad Equipment

	Emission Factor (g/bhp-hr)												
Phase Name	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 4-Demolition	0.28	2.18	3.50	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.03	0.00
Phase 4-Demolition	0.16	1.15	3.08	0.01	0.00	0.06	0.06	0.00	0.05	0.05	472.50	0.15	0.00
Phase 4-Demolition	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 4-Site Preparation	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 4-Site Preparation	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 4-Construction	0.27	2.68	1.47	0.01	0.00	0.11	0.11	0.00	0.11	0.11	472.98	0.15	0.00
Phase 4-Construction	0.28	2.61	3.61	0.01	0.00	0.14	0.14	0.00	0.13	0.13	471.53	0.15	0.00
Phase 4-Construction	0.24	2.19	3.34	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.02	0.00
Phase 4-Construction	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 4-Construction	0.60	3.68	4.52	0.01	0.00	0.11	0.11	0.00	0.11	0.11	568.30	0.05	0.00
Phase 4-Paving	0.18	1.64	3.01	0.01	0.00	0.08	0.08	0.00	0.07	0.07	472.49	0.15	0.00
Phase 4-Paving	0.18	1.51	3.04	0.01	0.00	0.08	0.08	0.00	0.07	0.07	470.48	0.15	0.00
Phase 4-Paving	0.26	2.69	3.44	0.01	0.00	0.14	0.14	0.00	0.13	0.13	473.85	0.15	0.00
Phase 4-Architectural Coating	0.35	2.31	3.65	0.01	0.00	0.10	0.10	0.00	0.10	0.10	568.30	0.03	0.00
Phase 5-Demolition	0.28	2.18	3.50	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.03	0.00
Phase 5-Demolition	0.16	1.15	3.08	0.01	0.00	0.06	0.06	0.00	0.05	0.05	472.50	0.15	0.00
Phase 5-Demolition	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 5-Site Preparation	0.37	3.81	1.72	0.01	0.00	0.17	0.17	0.00	0.15	0.15	474.57	0.15	0.00
Phase 5-Site Preparation	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 5-Construction	0.27	2.68	1.47	0.01	0.00	0.11	0.11	0.00	0.11	0.11	472.98	0.15	0.00
Phase 5-Construction	0.28	2.61	3.61	0.01	0.00	0.14	0.14	0.00	0.13	0.13	471.53	0.15	0.00
Phase 5-Construction	0.24	2.19	3.34	0.01	0.00	0.09	0.09	0.00	0.09	0.09	568.30	0.02	0.00
Phase 5-Construction	0.21	2.11	3.52	0.01	0.00	0.09	0.09	0.00	0.08	0.08	477.19	0.15	0.00
Phase 5-Construction	0.60	3.68	4.52	0.01	0.00	0.11	0.11	0.00	0.11	0.11	568.30	0.05	0.00
Phase 5-Paving	0.30	1.43	3.33	0.01	0.00	0.07	0.07	0.00	0.07	0.07	568.30	0.03	0.00
Phase 5-Paving	0.29	1.36	3.31	0.01	0.00	0.07	0.07	0.00	0.07	0.07	568.30	0.03	0.00
Phase 5-Paving	0.30	1.95	3.64	0.01	0.00	0.07	0.07	0.00	0.07	0.07	568.30	0.03	0.00
Phase 5-Architectural Coating	0.26	1.73	3.63	0.01	0.00	0.04	0.04	0.00	0.04	0.04	568.30	0.02	0.00

Offroad Equipment

Phase Name	Emissions (lb/day)													Total MT			
	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	CO2	CH4	N2O	CO2e
Phase 1-Demolition	0.38	3.04	3.67	0.01	0.00	0.17	0.17	0.00	0.17	0.17	592.63	0.03	0.00	5.38	0.00	0.00	5.38
Phase 1-Demolition	0.69	6.46	9.81	0.02	0.00	0.31	0.31	0.00	0.29	0.29	1500.48	0.49	0.00	13.61	0.00	0.00	13.72
Phase 1-Demolition	2.09	21.94	8.08	0.02	0.00	1.07	1.07	0.00	0.98	0.98	1654.60	0.54	0.00	15.01	0.00	0.00	15.13
Phase 1-Site Preparation	3.14	32.91	12.11	0.03	0.00	1.60	1.60	0.00	1.47	1.47	2481.91	0.81	0.00	16.89	0.01	0.00	17.02
Phase 1-Site Preparation	0.75	7.58	9.04	0.01	0.00	0.45	0.45	0.00	0.41	0.41	1203.53	0.39	0.00	8.19	0.00	0.00	8.25
Phase 1-Construction	0.36	4.24	1.73	0.01	0.00	0.17	0.17	0.00	0.16	0.16	488.87	0.16	0.00	67.85	0.02	0.00	68.40
Phase 1-Construction	0.39	3.54	3.50	0.00	0.00	0.25	0.25	0.00	0.23	0.23	444.07	0.14	0.00	61.64	0.02	0.00	62.14
Phase 1-Construction	0.36	3.17	3.68	0.01	0.00	0.17	0.17	0.00	0.17	0.17	623.00	0.03	0.00	86.47	0.00	0.00	86.58
Phase 1-Construction	0.49	4.98	5.93	0.01	0.00	0.29	0.29	0.00	0.27	0.27	789.81	0.26	0.00	109.63	0.04	0.00	110.51
Phase 1-Construction	0.30	1.51	1.72	0.00	0.00	0.07	0.07	0.00	0.07	0.07	207.47	0.03	0.00	28.80	0.00	0.00	28.89
Phase 2A/2B-Demolition	0.36	2.80	3.66	0.01	0.00	0.15	0.15	0.00	0.15	0.15	592.63	0.03	0.00	8.06	0.00	0.00	8.08
Phase 2A/2B-Demolition	0.61	5.33	9.76	0.02	0.00	0.26	0.26	0.00	0.24	0.24	1499.95	0.49	0.00	20.41	0.01	0.00	20.58
Phase 2A/2B-Demolition	1.67	17.59	7.16	0.02	0.00	0.84	0.84	0.00	0.77	0.77	1653.97	0.54	0.00	22.51	0.01	0.00	22.69
Phase 2A/2B-Site Preparation	2.05	21.38	9.32	0.03	0.00	0.96	0.96	0.00	0.88	0.88	2480.85	0.80	0.00	28.13	0.01	0.00	28.36
Phase 2A/2B-Site Preparation	0.61	6.14	8.92	0.01	0.00	0.30	0.30	0.00	0.28	0.28	1206.23	0.39	0.00	13.68	0.00	0.00	13.79
Phase 2A/2B-Construction	0.31	3.34	1.61	0.01	0.00	0.14	0.14	0.00	0.13	0.13	488.94	0.16	0.00	111.78	0.04	0.00	112.68
Phase 2A/2B-Construction	0.31	2.88	3.43	0.00	0.00	0.18	0.18	0.00	0.16	0.16	444.07	0.14	0.00	101.52	0.03	0.00	102.34
Phase 2A/2B-Construction	0.31	2.72	3.67	0.01	0.00	0.13	0.13	0.00	0.13	0.13	623.00	0.03	0.00	142.42	0.01	0.00	142.58
Phase 2A/2B-Construction	0.40	4.03	5.86	0.01	0.00	0.20	0.20	0.00	0.18	0.18	791.59	0.26	0.00	180.97	0.06	0.00	182.43
Phase 2A/2B-Construction	0.25	1.42	1.68	0.00	0.00	0.06	0.06	0.00	0.06	0.06	207.47	0.02	0.00	47.43	0.01	0.00	47.56
Phase 2A/2B-Paving	0.35	3.17	5.79	0.01	0.00	0.15	0.15	0.00	0.14	0.14	909.93	0.29	0.00	16.51	0.01	0.00	16.64
Phase 2A/2B-Paving	0.29	2.53	5.09	0.01	0.00	0.13	0.13	0.00	0.12	0.12	788.59	0.25	0.00	14.31	0.00	0.00	14.42
Phase 2A/2B-Paving	0.27	2.89	3.69	0.01	0.00	0.14	0.14	0.00	0.13	0.13	508.09	0.16	0.00	9.22	0.00	0.00	9.29
Phase 2A/2B-Architectural Coating	0.17	1.15	1.81	0.00	0.00	0.05	0.05	0.00	0.05	0.05	281.43	0.02	0.00	4.85	0.00	0.00	4.86
Phase 3-Demolition	0.30	2.27	3.64	0.01	0.00	0.09	0.09	0.00	0.09	0.09	592.63	0.03	0.00	8.06	0.00	0.00	8.07
Phase 3-Demolition	0.50	3.66	9.78	0.02	0.00	0.18	0.18	0.00	0.17	0.17	1500.92	0.49	0.00	20.42	0.01	0.00	20.59
Phase 3-Demolition	1.30	13.26	6.00	0.02	0.00	0.58	0.58	0.00	0.53	0.53	1653.82	0.53	0.00	22.50	0.01	0.00	22.69
Phase 3-Site Preparation	1.94	19.89	8.99	0.03	0.00	0.87	0.87	0.00	0.80	0.80	2480.73	0.80	0.00	28.13	0.01	0.00	28.36
Phase 3-Site Preparation	0.53	5.34	8.92	0.01	0.00	0.22	0.22	0.00	0.20	0.20	1208.15	0.39	0.00	13.70	0.00	0.00	13.81
Phase 3-Construction	0.27	2.77	1.52	0.01	0.00	0.12	0.12	0.00	0.11	0.11	488.94	0.16	0.00	111.56	0.04	0.00	112.46
Phase 3-Construction	0.26	2.46	3.40	0.00	0.00	0.13	0.13	0.00	0.12	0.12	444.07	0.14	0.00	101.32	0.03	0.00	102.14
Phase 3-Construction	0.27	2.40	3.66	0.01	0.00	0.10	0.10	0.00	0.10	0.10	623.00	0.02	0.00	142.14	0.01	0.00	142.27
Phase 3-Construction	0.35	3.50	5.85	0.01	0.00	0.14	0.14	0.00	0.13	0.13	792.85	0.26	0.00	180.89	0.06	0.00	182.35
Phase 3-Construction	0.22	1.34	1.65	0.00	0.00	0.04	0.04	0.00	0.04	0.04	207.47	0.02	0.00	47.33	0.00	0.00	47.45
Phase 3-Paving	0.35	3.17	5.79	0.01	0.00	0.15	0.15	0.00	0.14	0.14	909.93	0.29	0.00	15.68	0.01	0.00	15.81
Phase 3-Paving	0.29	2.53	5.09	0.01	0.00	0.13	0.13	0.00	0.12	0.12	788.59	0.25	0.00	13.59	0.00	0.00	13.70
Phase 3-Paving	0.27	2.89	3.69	0.01	0.00	0.14	0.14	0.00	0.13	0.13	508.09	0.16	0.00	8.76	0.00	0.00	8.83
Phase 3-Architectural Coating	0.17	1.15	1.81	0.00	0.00	0.05	0.05	0.00	0.05	0.05	281.43	0.02	0.00	4.85	0.00	0.00	4.86

Offroad Equipment

	Emissions (lb/day)													Total MT			
Phase Name	ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O	CO2	CH4	N2O	CO2e
Phase 4-Demolition	0.30	2.27	3.64	0.01	0.00	0.09	0.09	0.00	0.09	0.09	592.63	0.03	0.00	5.38	0.00	0.00	5.38
Phase 4-Demolition	0.50	3.66	9.78	0.02	0.00	0.18	0.18	0.00	0.17	0.17	1500.92	0.49	0.00	13.62	0.00	0.00	13.73
Phase 4-Demolition	1.30	13.26	6.00	0.02	0.00	0.58	0.58	0.00	0.53	0.53	1653.82	0.53	0.00	15.00	0.00	0.00	15.12
Phase 4-Site Preparation	1.94	19.89	8.99	0.03	0.00	0.87	0.87	0.00	0.80	0.80	2480.73	0.80	0.00	14.63	0.00	0.00	14.75
Phase 4-Site Preparation	0.53	5.34	8.92	0.01	0.00	0.22	0.22	0.00	0.20	0.20	1208.15	0.39	0.00	7.12	0.00	0.00	7.18
Phase 4-Construction	0.27	2.77	1.52	0.01	0.00	0.12	0.12	0.00	0.11	0.11	488.94	0.16	0.00	67.87	0.02	0.00	68.41
Phase 4-Construction	0.26	2.46	3.40	0.00	0.00	0.13	0.13	0.00	0.12	0.12	444.07	0.14	0.00	61.64	0.02	0.00	62.14
Phase 4-Construction	0.27	2.40	3.66	0.01	0.00	0.10	0.10	0.00	0.10	0.10	623.00	0.02	0.00	86.47	0.00	0.00	86.55
Phase 4-Construction	0.35	3.50	5.85	0.01	0.00	0.14	0.14	0.00	0.13	0.13	792.85	0.26	0.00	110.05	0.04	0.00	110.93
Phase 4-Construction	0.22	1.34	1.65	0.00	0.00	0.04	0.04	0.00	0.04	0.04	207.47	0.02	0.00	28.80	0.00	0.00	28.86
Phase 4-Paving	0.35	3.17	5.79	0.01	0.00	0.15	0.15	0.00	0.14	0.14	909.93	0.29	0.00	9.08	0.00	0.00	9.15
Phase 4-Paving	0.29	2.53	5.09	0.01	0.00	0.13	0.13	0.00	0.12	0.12	788.59	0.25	0.00	7.87	0.00	0.00	7.93
Phase 4-Paving	0.27	2.89	3.69	0.01	0.00	0.14	0.14	0.00	0.13	0.13	508.09	0.16	0.00	5.07	0.00	0.00	5.11
Phase 4-Architectural Coating	0.17	1.15	1.81	0.00	0.00	0.05	0.05	0.00	0.05	0.05	281.43	0.02	0.00	3.19	0.00	0.00	3.20
Phase 5-Demolition	0.30	2.27	3.64	0.01	0.00	0.09	0.09	0.00	0.09	0.09	592.63	0.03	0.00	8.06	0.00	0.00	8.07
Phase 5-Demolition	0.50	3.66	9.78	0.02	0.00	0.18	0.18	0.00	0.17	0.17	1500.92	0.49	0.00	20.42	0.01	0.00	20.59
Phase 5-Demolition	1.30	13.26	6.00	0.02	0.00	0.58	0.58	0.00	0.53	0.53	1653.82	0.53	0.00	22.50	0.01	0.00	22.69
Phase 5-Site Preparation	1.94	19.89	8.99	0.03	0.00	0.87	0.87	0.00	0.80	0.80	2480.73	0.80	0.00	28.13	0.01	0.00	28.36
Phase 5-Site Preparation	0.53	5.34	8.92	0.01	0.00	0.22	0.22	0.00	0.20	0.20	1208.15	0.39	0.00	13.70	0.00	0.00	13.81
Phase 5-Construction	0.27	2.77	1.52	0.01	0.00	0.12	0.12	0.00	0.11	0.11	488.94	0.16	0.00	111.56	0.04	0.00	112.46
Phase 5-Construction	0.26	2.46	3.40	0.00	0.00	0.13	0.13	0.00	0.12	0.12	444.07	0.14	0.00	101.32	0.03	0.00	102.14
Phase 5-Construction	0.27	2.40	3.66	0.01	0.00	0.10	0.10	0.00	0.10	0.10	623.00	0.02	0.00	142.14	0.01	0.00	142.27
Phase 5-Construction	0.35	3.50	5.85	0.01	0.00	0.14	0.14	0.00	0.13	0.13	792.85	0.26	0.00	180.89	0.06	0.00	182.35
Phase 5-Construction	0.22	1.34	1.65	0.00	0.00	0.04	0.04	0.00	0.04	0.04	207.47	0.02	0.00	47.33	0.00	0.00	47.45
Phase 5-Paving	0.58	2.74	6.41	0.01	0.00	0.14	0.14	0.00	0.14	0.14	1094.45	0.05	0.00	18.86	0.00	0.00	18.89
Phase 5-Paving	0.49	2.28	5.54	0.01	0.00	0.12	0.12	0.00	0.12	0.12	952.54	0.04	0.00	16.42	0.00	0.00	16.44
Phase 5-Paving	0.32	2.09	3.90	0.01	0.00	0.07	0.07	0.00	0.07	0.07	609.37	0.03	0.00	10.50	0.00	0.00	10.52
Phase 5-Architectural Coating	0.13	0.86	1.80	0.00	0.00	0.02	0.02	0.00	0.02	0.02	281.43	0.01	0.00	4.85	0.00	0.00	4.86

Demolition Fugitive Dust Emissions

Phase Name	Start Date	End Date	Total Days	Year	Demo Debris Weight (tons)	Demo Dust EF (lb/ton) PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	Emissions (lb/day) PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 1-Demolition	8/2/21	8/27/21	20	2021	328.2	0.021		0.021	0.003		0.003	0.35		0.35	0.05		0.05
Phase 1-Site Preparation	8/22/21	9/11/21	15	2021	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/21	11/7/22	306	2021	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	4057.1	0.021		0.021	0.003		0.003	2.89		2.89	0.44		0.44
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	25	2023	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/23	1/9/25	504	2023	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1/4/25	2/28/25	40	2025	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	38	2025	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 3-Demolition	5/1/25	6/11/25	30	2025	1234.0	0.021		0.021	0.003		0.003	0.88		0.88	0.13		0.13
Phase 3-Site Preparation	6/6/25	7/10/25	25	2025	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/25	6/9/27	503	2025	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 3-Paving	6/4/27	7/27/27	38	2027	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 3-Architectural Coating	7/22/27	9/13/27	38	2027	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 4-Demolition	10/1/27	10/28/27	20	2027	676.7	0.021		0.021	0.003		0.003	0.72		0.72	0.11		0.11
Phase 4-Site Preparation	10/23/27	11/10/27	13	2027	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/27	1/5/29	306	2027	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 4-Paving	12/31/28	1/30/29	22	2028	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 4-Architectural Coating	1/25/29	2/28/29	25	2029	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 5-Demolition	3/1/29	4/11/29	30	2029	1057.1	0.021		0.021	0.003		0.003	0.75		0.75	0.11		0.11
Phase 5-Site Preparation	4/6/29	5/10/29	25	2029	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/29	4/9/31	503	2029	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 5-Paving	4/4/31	5/27/31	38	2031	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00
Phase 5-Architectural Coating	5/22/31	7/14/31	38	2031	0.0	0.021		0.021	0.003		0.003	0.00		0.00	0.00		0.00

Truck Loading Fugitive Dust Emissions

								Truck Loading EF (lb/ton throughput)						Emissions (lb/day)[1]					
Phase Name	Start Date	End Date	Total Days	Year	Total CY	Tons/CY	Throughput (tons)	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 1-Demolition	8/2/21	8/27/21	20	2021	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 1-Site Preparation	8/22/21	9/11/21	15	2021	24200.00	1.26	30592.82	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.05		0.05	0.01		0.01
Phase 1-Construction	9/6/21	11/7/22	306	2021	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	25	2023	54853.33	1.26	69343.73	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.06		0.06	0.01		0.01
Phase 2A/2B-Construction	2/4/23	1/9/25	504	2023	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1/4/25	2/28/25	40	2025	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	38	2025	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 3-Demolition	5/1/25	6/11/25	30	2025	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 3-Site Preparation	6/6/25	7/10/25	25	2025	54853.33	1.26	69343.73	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.06		0.06	0.01		0.01
Phase 3-Construction	7/5/25	6/9/27	503	2025	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 3-Paving	6/4/27	7/27/27	38	2027	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 3-Architectural Coating	7/22/27	9/13/27	38	2027	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 4-Demolition	10/1/27	10/28/27	20	2027	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 4-Site Preparation	10/23/27	11/10/27	13	2027	24200.00	1.26	30592.82	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.05		0.05	0.01		0.01
Phase 4-Construction	11/5/27	1/5/29	306	2027	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 4-Paving	12/31/28	1/30/29	22	2028	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 4-Architectural Coating	1/25/29	2/28/29	25	2029	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 5-Demolition	3/1/29	4/11/29	30	2029	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 5-Site Preparation	4/6/29	5/10/29	25	2029	54853.33	1.26	69343.73	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.06		0.06	0.01		0.01
Phase 5-Construction	5/5/29	4/9/31	503	2029	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 5-Paving	4/4/31	5/27/31	38	2031	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00
Phase 5-Architectural Coating	5/22/31	7/14/31	38	2031	0.00	1.26	0.00	8.93E-05		8.93E-05	1.35E-05		1.35E-05	0.00		0.00	0.00		0.00

1) Includes dust conrol meaure of watering exposed areas

Soil will be balanced onsite, no soil import/export

Bulldozing Fugitive Dust Emissions

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	hours/day	Emission Factor (lb/hr) PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	Emissions (lb/day) PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Concrete/Industrial Saws	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Excavators	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Rubber Tired Dozers	2	8	0.75		0.75	0.41		0.41	3.13		3.13	1.72		1.72
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	Rubber Tired Dozers	3	8	0.75		0.75	0.41		0.41	4.70		4.70	2.58		2.58
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	Tractors/Loaders/Backhoes	4	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Cranes	1	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Forklifts	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Generator Sets	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Tractors/Loaders/Backhoes	3	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Welders	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Concrete/Industrial Saws	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Excavators	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Rubber Tired Dozers	2	8	0.75		0.75	0.41		0.41	3.13		3.13	1.72		1.72
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	Rubber Tired Dozers	3	8	0.75		0.75	0.41		0.41	4.70		4.70	2.58		2.58
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	Tractors/Loaders/Backhoes	4	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Cranes	1	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Forklifts	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Generator Sets	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Tractors/Loaders/Backhoes	3	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Welders	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Pavers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Paving Equipment	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Rollers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	38	2025	Air Compressors	1	6	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Concrete/Industrial Saws	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Excavators	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Rubber Tired Dozers	2	8	0.75		0.75	0.41		0.41	3.13		3.13	1.72		1.72
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	Rubber Tired Dozers	3	8	0.75		0.75	0.41		0.41	4.70		4.70	2.58		2.58
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	Tractors/Loaders/Backhoes	4	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Cranes	1	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Forklifts	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Generator Sets	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Tractors/Loaders/Backhoes	3	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Welders	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Pavers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Paving Equipment	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Rollers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	38	2027	Air Compressors	1	6	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Concrete/Industrial Saws	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Excavators	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Rubber Tired Dozers	2	8	0.75		0.75	0.41		0.41	3.13		3.13	1.72		1.72
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	Rubber Tired Dozers	3	8	0.75		0.75	0.41		0.41	4.70		4.70	2.58		2.58
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	Tractors/Loaders/Backhoes	4	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Cranes	1	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Forklifts	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Generator Sets	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Tractors/Loaders/Backhoes	3	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Welders	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Pavers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Paving Equipment	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Rollers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	25	2029	Air Compressors	1	6	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Concrete/Industrial Saws	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Excavators	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Rubber Tired Dozers	2	8	0.75		0.75	0.41		0.41	3.13		3.13	1.72		1.72

Bulldozing Fugitive Dust Emissions

								Emission Factor (lb/hr)						Emissions (lb/day)					
Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	hours/day	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	Rubber Tired Dozers	3	8	0.75		0.75	0.41		0.41	4.70		4.70	2.58		2.58
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	Tractors/Loaders/Backhoes	4	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Cranes	1	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Forklifts	3	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Generator Sets	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Tractors/Loaders/Backhoes	3	7	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Welders	1	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Pavers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Paving Equipment	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Rollers	2	8	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	38	2031	Air Compressors	1	6	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00

1) Includes dust conrol meaure of watering exposed areas

Grading Fugitive Dust Emissions

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	Equupment Usage (hours/day)	Acres per 8-hr day	Scaling Factor	Acres per day	Daily VMT
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Concrete/Industrial Saws	1	8	0	8	0	0.000
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Excavators	3	8	0	8	0	0.000
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	Rubber Tired Dozers	2	8	0.5	8	1	0.688
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	Rubber Tired Dozers	3	8	0.5	8	1.5	1.031
Phase 1-Site Preparation	8/22/2021	9/11/2021	15	2021	Tractors/Loaders/Backhoes	4	8	0	8	0	0.000
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Cranes	1	7	0	8	0	0.000
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Forklifts	3	8	0	8	0	0.000
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Generator Sets	1	8	0	8	0	0.000
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Tractors/Loaders/Backhoes	3	7	0	8	0	0.000
Phase 1-Construction	9/6/2021	11/7/2022	306	2021	Welders	1	8	0	8	0	0.000
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Concrete/Industrial Saws	1	8	0	8	0	0.000
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Excavators	3	8	0	8	0	0.000
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	Rubber Tired Dozers	2	8	0.5	8	1	0.688
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	Rubber Tired Dozers	3	8	0.5	8	1.5	1.031
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	25	2023	Tractors/Loaders/Backhoes	4	8	0	8	0	0.000
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Cranes	1	7	0	8	0	0.000
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Forklifts	3	8	0	8	0	0.000
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Generator Sets	1	8	0	8	0	0.000
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Tractors/Loaders/Backhoes	3	7	0	8	0	0.000
Phase 2A/2B-Construction	2/4/2023	1/9/2025	504	2023	Welders	1	8	0	8	0	0.000
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Pavers	2	8	0	8	0	0.000
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Paving Equipment	2	8	0	8	0	0.000
Phase 2A/2B-Paving	1/4/2025	2/28/2025	40	2025	Rollers	2	8	0	8	0	0.000
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	38	2025	Air Compressors	1	6	0	8	0	0.000
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Concrete/Industrial Saws	1	8	0	8	0	0.000
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Excavators	3	8	0	8	0	0.000
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	Rubber Tired Dozers	2	8	0.5	8	1	0.688
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	Rubber Tired Dozers	3	8	0.5	8	1.5	1.031
Phase 3-Site Preparation	6/6/2025	7/10/2025	25	2025	Tractors/Loaders/Backhoes	4	8	0	8	0	0.000
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Cranes	1	7	0	8	0	0.000
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Forklifts	3	8	0	8	0	0.000
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Generator Sets	1	8	0	8	0	0.000
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Tractors/Loaders/Backhoes	3	7	0	8	0	0.000
Phase 3-Construction	7/5/2025	6/9/2027	503	2025	Welders	1	8	0	8	0	0.000
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Pavers	2	8	0	8	0	0.000
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Paving Equipment	2	8	0	8	0	0.000
Phase 3-Paving	6/4/2027	7/27/2027	38	2027	Rollers	2	8	0	8	0	0.000
Phase 3-Architectural Coating	7/22/2027	9/13/2027	38	2027	Air Compressors	1	6	0	8	0	0.000
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Concrete/Industrial Saws	1	8	0	8	0	0.000
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Excavators	3	8	0	8	0	0.000
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	Rubber Tired Dozers	2	8	0.5	8	1	0.688
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	Rubber Tired Dozers	3	8	0.5	8	1.5	1.031
Phase 4-Site Preparation	10/23/2027	11/10/2027	13	2027	Tractors/Loaders/Backhoes	4	8	0	8	0	0.000
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Cranes	1	7	0	8	0	0.000
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Forklifts	3	8	0	8	0	0.000
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Generator Sets	1	8	0	8	0	0.000
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Tractors/Loaders/Backhoes	3	7	0	8	0	0.000
Phase 4-Construction	11/5/2027	1/5/2029	306	2027	Welders	1	8	0	8	0	0.000

Grading Fugitive Dust Emissions	Emission Factor (lb/VMT)						Emissions (lb/day)					
Phase Name	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 1-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Demolition	1.54		1.54	0.17		0.17	0.28		0.28	0.03		0.03
Phase 1-Site Preparation	1.54		1.54	0.17		0.17	0.41		0.41	0.04		0.04
Phase 1-Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 1-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Demolition	1.54		1.54	0.17		0.17	0.28		0.28	0.03		0.03
Phase 2A/2B-Site Preparation	1.54		1.54	0.17		0.17	0.41		0.41	0.04		0.04
Phase 2A/2B-Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 2A/2B-Architectural Coating	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Demolition	1.54		1.54	0.17		0.17	0.28		0.28	0.03		0.03
Phase 3-Site Preparation	1.54		1.54	0.17		0.17	0.41		0.41	0.04		0.04
Phase 3-Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 3-Architectural Coating	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Demolition	1.54		1.54	0.17		0.17	0.28		0.28	0.03		0.03
Phase 4-Site Preparation	1.54		1.54	0.17		0.17	0.41		0.41	0.04		0.04
Phase 4-Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00

Grading Fugitive Dust Emissions

Phase Name	Start	End	# of Workdays	First Year of CSTN	Equipment Type	# of Equipment	Equuipment Usage (hours/day)	Acres per 8-hr day	Scaling Factor	Acres per day	Daily VMT
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Pavers	2	8	0	8	0	0.000
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Paving Equipment	2	8	0	8	0	0.000
Phase 4-Paving	12/31/2028	1/30/2029	22	2028	Rollers	2	8	0	8	0	0.000
Phase 4-Architectural Coating	1/25/2029	2/28/2029	25	2029	Air Compressors	1	6	0	8	0	0.000
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Concrete/Industrial Saws	1	8	0	8	0	0.000
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Excavators	3	8	0	8	0	0.000
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	Rubber Tired Dozers	2	8	0.5	8	1	0.688
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	Rubber Tired Dozers	3	8	0.5	8	1.5	1.031
Phase 5-Site Preparation	4/6/2029	5/10/2029	25	2029	Tractors/Loaders/Backhoes	4	8	0	8	0	0.000
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Cranes	1	7	0	8	0	0.000
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Forklifts	3	8	0	8	0	0.000
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Generator Sets	1	8	0	8	0	0.000
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Tractors/Loaders/Backhoes	3	7	0	8	0	0.000
Phase 5-Construction	5/5/2029	4/9/2031	503	2029	Welders	1	8	0	8	0	0.000
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Pavers	2	8	0	8	0	0.000
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Paving Equipment	2	8	0	8	0	0.000
Phase 5-Paving	4/4/2031	5/27/2031	38	2031	Rollers	2	8	0	8	0	0.000
Phase 5-Architectural Coating	5/22/2031	7/14/2031	38	2031	Air Compressors	1	6	0	8	0	0.000

1) Includes dust conrol meaure of watering exposed areas

Grading Fugitive Dust Emissions	Emission Factor (lb/VMT)						Emissions (lb/day)					
Phase Name	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total
Phase 4-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 4-Architectural Coating	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Demolition	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Demolition	1.54		1.54	0.17		0.17	0.28		0.28	0.03		0.03
Phase 5-Site Preparation	1.54		1.54	0.17		0.17	0.41		0.41	0.04		0.04
Phase 5-Site Preparation	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Construction	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Paving	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00
Phase 5-Architectural Coating	1.54		1.54	0.17		0.17	0.00		0.00	0.00		0.00

1) Includes dust conrol meaure of watering exposed areas

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Running Exhaust Emission Factor (g/mile) ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	16	14.7	0.021	0.079	1.041	0.003	0.345	0.002	0.347	0.091	0.002	0.093	309.585	0.005	0.007
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	18	14.7	0.021	0.079	1.041	0.003	0.345	0.002	0.347	0.091	0.002	0.093	309.585	0.005	0.007
Phase 1-Construction	9/6/21	11/7/22	300	2021	274	14.7	0.021	0.079	1.041	0.003	0.345	0.002	0.347	0.091	0.002	0.093	309.585	0.005	0.007
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	16	14.7	0.018	0.069	0.949	0.003	0.345	0.002	0.347	0.091	0.002	0.093	302.059	0.004	0.006
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	18	14.7	0.016	0.060	0.871	0.003	0.345	0.002	0.346	0.091	0.002	0.093	295.061	0.004	0.006
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	622	14.7	0.016	0.060	0.871	0.003	0.345	0.002	0.346	0.091	0.002	0.093	295.061	0.004	0.006
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	16	14.7	0.012	0.048	0.756	0.003	0.345	0.002	0.346	0.091	0.002	0.093	283.802	0.003	0.005
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	124	14.7	0.012	0.048	0.756	0.003	0.345	0.002	0.346	0.091	0.002	0.093	283.802	0.003	0.005
Phase 3-Demolition	5/1/25	6/11/25	30	2025	16	14.7	0.012	0.048	0.756	0.003	0.345	0.002	0.346	0.091	0.002	0.093	283.802	0.003	0.005
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	18	14.7	0.012	0.048	0.756	0.003	0.345	0.002	0.346	0.091	0.002	0.093	283.802	0.003	0.005
Phase 3-Construction	7/5/25	6/9/27	500	2025	622	14.7	0.012	0.048	0.756	0.003	0.345	0.002	0.346	0.091	0.002	0.093	283.802	0.003	0.005
Phase 3-Paving	6/4/27	7/27/27	35	2027	16	14.7	0.010	0.039	0.672	0.003	0.345	0.001	0.346	0.091	0.001	0.093	273.213	0.002	0.004
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	124	14.7	0.010	0.039	0.672	0.003	0.345	0.001	0.346	0.091	0.001	0.093	273.213	0.002	0.004
Phase 4-Demolition	10/1/27	10/28/27	20	2027	16	14.7	0.010	0.039	0.672	0.003	0.345	0.001	0.346	0.091	0.001	0.093	273.213	0.002	0.004
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	18	14.7	0.010	0.039	0.672	0.003	0.345	0.001	0.346	0.091	0.001	0.093	273.213	0.002	0.004
Phase 4-Construction	11/5/27	1/5/29	300	2027	274	14.7	0.010	0.039	0.672	0.003	0.345	0.001	0.346	0.091	0.001	0.093	273.213	0.002	0.004
Phase 4-Paving	12/31/28	1/30/29	20	2028	16	14.7	0.009	0.036	0.640	0.003	0.345	0.001	0.346	0.091	0.001	0.093	268.872	0.002	0.004
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	56	14.7	0.008	0.033	0.612	0.002	0.345	0.001	0.346	0.091	0.001	0.093	265.027	0.002	0.004
Phase 5-Demolition	3/1/29	4/11/29	30	2029	16	14.7	0.008	0.033	0.612	0.002	0.345	0.001	0.346	0.091	0.001	0.093	265.027	0.002	0.004
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	18	14.7	0.008	0.033	0.612	0.002	0.345	0.001	0.346	0.091	0.001	0.093	265.027	0.002	0.004
Phase 5-Construction	5/5/29	4/9/31	500	2029	622	14.7	0.008	0.033	0.612	0.002	0.345	0.001	0.346	0.091	0.001	0.093	265.027	0.002	0.004
Phase 5-Paving	4/4/31	5/27/31	35	2031	16	14.7	0.006	0.028	0.568	0.002	0.345	0.001	0.346	0.091	0.001	0.092	258.934	0.002	0.004
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	124	14.7	0.006	0.028	0.568	0.002	0.345	0.001	0.346	0.091	0.001	0.092	258.934	0.002	0.004

1) Accounts for all exhaust and evaporative processes

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1] ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	16	14.7	1.027	0.248	2.394	0.001	0.000	0.002	0.002	0.000	0.002	0.002	62.764	0.065	0.029
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	18	14.7	1.027	0.248	2.394	0.001	0.000	0.002	0.002	0.000	0.002	0.002	62.764	0.065	0.029
Phase 1-Construction	9/6/21	11/7/22	300	2021	274	14.7	1.027	0.248	2.394	0.001	0.000	0.002	0.002	0.000	0.002	0.002	62.764	0.065	0.029
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	16	14.7	0.956	0.229	2.322	0.001	0.000	0.002	0.002	0.000	0.002	0.002	61.240	0.060	0.028
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	18	14.7	0.894	0.212	2.253	0.001	0.000	0.002	0.002	0.000	0.002	0.002	59.831	0.056	0.027
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	622	14.7	0.894	0.212	2.253	0.001	0.000	0.002	0.002	0.000	0.002	0.002	59.831	0.056	0.027
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	16	14.7	0.789	0.184	2.104	0.001	0.000	0.002	0.002	0.000	0.002	0.002	57.322	0.048	0.025
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	124	14.7	0.789	0.184	2.104	0.001	0.000	0.002	0.002	0.000	0.002	0.002	57.322	0.048	0.025
Phase 3-Demolition	5/1/25	6/11/25	30	2025	16	14.7	0.789	0.184	2.104	0.001	0.000	0.002	0.002	0.000	0.002	0.002	57.322	0.048	0.025
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	18	14.7	0.789	0.184	2.104	0.001	0.000	0.002	0.002	0.000	0.002	0.002	57.322	0.048	0.025
Phase 3-Construction	7/5/25	6/9/27	500	2025	622	14.7	0.789	0.184	2.104	0.001	0.000	0.002	0.002	0.000	0.002	0.002	57.322	0.048	0.025
Phase 3-Paving	6/4/27	7/27/27	35	2027	16	14.7	0.704	0.164	1.970	0.001	0.000	0.002	0.002	0.000	0.002	0.002	55.098	0.041	0.023
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	124	14.7	0.704	0.164	1.970	0.001	0.000	0.002	0.002	0.000	0.002	0.002	55.098	0.041	0.023
Phase 4-Demolition	10/1/27	10/28/27	20	2027	16	14.7	0.704	0.164	1.970	0.001	0.000	0.002	0.002	0.000	0.002	0.002	55.098	0.041	0.023
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	18	14.7	0.704	0.164	1.970	0.001	0.000	0.002	0.002	0.000	0.002	0.002	55.098	0.041	0.023
Phase 4-Construction	11/5/27	1/5/29	300	2027	274	14.7	0.704	0.164	1.970	0.001	0.000	0.002	0.002	0.000	0.002	0.002	55.098	0.041	0.023
Phase 4-Paving	12/31/28	1/30/29	20	2028	16	14.7	0.666	0.156	1.916	0.001	0.000	0.002	0.002	0.000	0.001	0.001	54.161	0.039	0.022
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	56	14.7	0.629	0.149	1.867	0.000	0.000	0.002	0.002	0.000	0.001	0.001	53.308	0.036	0.021
Phase 5-Demolition	3/1/29	4/11/29	30	2029	16	14.7	0.629	0.149	1.867	0.000	0.000	0.002	0.002	0.000	0.001	0.001	53.308	0.036	0.021
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	18	14.7	0.629	0.149	1.867	0.000	0.000	0.002	0.002	0.000	0.001	0.001	53.308	0.036	0.021
Phase 5-Construction	5/5/29	4/9/31	500	2029	622	14.7	0.629	0.149	1.867	0.000	0.000	0.002	0.002	0.000	0.001	0.001	53.308	0.036	0.021
Phase 5-Paving	4/4/31	5/27/31	35	2031	16	14.7	0.559	0.138	1.787	0.000	0.000	0.001	0.001	0.000	0.001	0.001	51.859	0.032	0.020
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	124	14.7	0.559	0.138	1.787	0.000	0.000	0.001	0.001	0.000	0.001	0.001	51.859	0.032	0.020

1) Accounts for all exhaust and evaporative processes

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Emissions (lb/day) ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	16	14.7	0.05	0.05	0.62	0.00	0.18	0.00	0.18	0.05	0.00	0.05	162.73	0.00	0.00
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	18	14.7	0.05	0.06	0.70	0.00	0.20	0.00	0.20	0.05	0.00	0.05	183.07	0.01	0.01
Phase 1-Construction	9/6/21	11/7/22	300	2021	274	14.7	0.81	0.85	10.69	0.03	3.06	0.02	3.08	0.81	0.02	0.83	2786.79	0.08	0.08
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	16	14.7	0.04	0.04	0.57	0.00	0.18	0.00	0.18	0.05	0.00	0.05	158.78	0.00	0.00
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	18	14.7	0.04	0.04	0.60	0.00	0.20	0.00	0.20	0.05	0.00	0.05	174.49	0.00	0.00
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	622	14.7	1.54	1.50	20.65	0.06	6.95	0.04	6.98	1.84	0.04	1.88	6029.45	0.15	0.15
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	16	14.7	0.03	0.03	0.47	0.00	0.18	0.00	0.18	0.05	0.00	0.05	149.17	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	124	14.7	0.26	0.24	3.61	0.01	1.38	0.01	1.39	0.37	0.01	0.37	1156.08	0.03	0.03
Phase 3-Demolition	5/1/25	6/11/25	30	2025	16	14.7	0.03	0.03	0.47	0.00	0.18	0.00	0.18	0.05	0.00	0.05	149.17	0.00	0.00
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	18	14.7	0.04	0.04	0.52	0.00	0.20	0.00	0.20	0.05	0.00	0.05	167.82	0.00	0.00
Phase 3-Construction	7/5/25	6/9/27	500	2025	622	14.7	1.33	1.22	18.13	0.06	6.95	0.04	6.98	1.84	0.03	1.87	5799.07	0.13	0.13
Phase 3-Paving	6/4/27	7/27/27	35	2027	16	14.7	0.03	0.03	0.42	0.00	0.18	0.00	0.18	0.05	0.00	0.05	143.60	0.00	0.00
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	124	14.7	0.23	0.20	3.24	0.01	1.38	0.01	1.39	0.37	0.01	0.37	1112.92	0.02	0.02
Phase 4-Demolition	10/1/27	10/28/27	20	2027	16	14.7	0.03	0.03	0.42	0.00	0.18	0.00	0.18	0.05	0.00	0.05	143.60	0.00	0.00
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	18	14.7	0.03	0.03	0.47	0.00	0.20	0.00	0.20	0.05	0.00	0.05	161.55	0.00	0.00
Phase 4-Construction	11/5/27	1/5/29	300	2027	274	14.7	0.51	0.45	7.16	0.02	3.06	0.01	3.07	0.81	0.01	0.82	2459.20	0.05	0.05
Phase 4-Paving	12/31/28	1/30/29	20	2028	16	14.7	0.03	0.02	0.40	0.00	0.18	0.00	0.18	0.05	0.00	0.05	141.32	0.00	0.00
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	56	14.7	0.09	0.08	1.34	0.00	0.63	0.00	0.63	0.17	0.00	0.17	487.54	0.01	0.01
Phase 5-Demolition	3/1/29	4/11/29	30	2029	16	14.7	0.03	0.02	0.38	0.00	0.18	0.00	0.18	0.05	0.00	0.05	139.30	0.00	0.00
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	18	14.7	0.03	0.03	0.43	0.00	0.20	0.00	0.20	0.05	0.00	0.05	156.71	0.00	0.00
Phase 5-Construction	5/5/29	4/9/31	500	2029	622	14.7	1.02	0.87	14.89	0.05	6.95	0.03	6.97	1.84	0.03	1.87	5415.12	0.09	0.11
Phase 5-Paving	4/4/31	5/27/31	35	2031	16	14.7	0.02	0.02	0.36	0.00	0.18	0.00	0.18	0.05	0.00	0.05	136.09	0.00	0.00
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	124	14.7	0.18	0.15	2.77	0.01	1.38	0.00	1.39	0.37	0.00	0.37	1054.66	0.02	0.02

1) Accounts for all exhaust and evaporative processes

Worker Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Worker Trips/day (In/Out)	Trip Length (mi)	Total MT CO2	CH4	N2O	CO2e
Phase 1-Demolition	8/2/21	8/27/21	20	2021	16	14.7	1.48	0.00	0.00	1.49
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	18	14.7	0.83	0.00	0.00	0.84
Phase 1-Construction	9/6/21	11/7/22	300	2021	274	14.7	379.22	0.01	0.01	382.64
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	16	14.7	2.16	0.00	0.00	2.18
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	18	14.7	1.58	0.00	0.00	1.60
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	622	14.7	1367.46	0.03	0.03	1378.41
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	16	14.7	2.37	0.00	0.00	2.39
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	124	14.7	18.35	0.00	0.00	18.49
Phase 3-Demolition	5/1/25	6/11/25	30	2025	16	14.7	2.03	0.00	0.00	2.04
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	18	14.7	1.52	0.00	0.00	1.53
Phase 3-Construction	7/5/25	6/9/27	500	2025	622	14.7	1315.21	0.03	0.03	1324.71
Phase 3-Paving	6/4/27	7/27/27	35	2027	16	14.7	2.28	0.00	0.00	2.30
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	124	14.7	17.67	0.00	0.00	17.79
Phase 4-Demolition	10/1/27	10/28/27	20	2027	16	14.7	1.30	0.00	0.00	1.31
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	18	14.7	0.73	0.00	0.00	0.74
Phase 4-Construction	11/5/27	1/5/29	300	2027	274	14.7	334.64	0.01	0.01	336.88
Phase 4-Paving	12/31/28	1/30/29	20	2028	16	14.7	1.28	0.00	0.00	1.29
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	56	14.7	4.42	0.00	0.00	4.45
Phase 5-Demolition	3/1/29	4/11/29	30	2029	16	14.7	1.90	0.00	0.00	1.91
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	18	14.7	1.42	0.00	0.00	1.43
Phase 5-Construction	5/5/29	4/9/31	500	2029	622	14.7	1228.13	0.02	0.02	1235.89
Phase 5-Paving	4/4/31	5/27/31	35	2031	16	14.7	2.16	0.00	0.00	2.17
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	124	14.7	16.74	0.00	0.00	16.84

1) Accounts for all exhaust and evaporative processes

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Running Exhaust Emission Factor (g/mile)											
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	8	0.33	1.510	12.252	3.086	0.029	236.024	0.191	236.215	23.496	0.183	23.679	3028.458	0.070	0.476
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	8	0.33	1.510	12.252	3.086	0.029	236.024	0.191	236.215	23.496	0.183	23.679	3028.458	0.070	0.476
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	116	0.33	1.510	12.252	3.086	0.029	236.024	0.191	236.215	23.496	0.183	23.679	3028.458	0.070	0.476
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	8	0.33	0.694	9.948	2.115	0.028	236.024	0.072	236.095	23.496	0.069	23.564	2982.412	0.032	0.469
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	8	0.33	0.107	8.485	1.279	0.028	236.024	0.012	236.036	23.496	0.011	23.507	2931.259	0.005	0.461
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	252	0.33	0.107	8.485	1.279	0.028	236.024	0.012	236.036	23.496	0.011	23.507	2931.259	0.005	0.461
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.100	8.622	1.295	0.027	236.024	0.010	236.034	23.496	0.010	23.505	2853.184	0.005	0.448
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.100	8.622	1.295	0.027	236.024	0.010	236.034	23.496	0.010	23.505	2853.184	0.005	0.448
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	8	0.33	0.100	8.622	1.295	0.027	236.024	0.010	236.034	23.496	0.010	23.505	2853.184	0.005	0.448
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	8	0.33	0.100	8.622	1.295	0.027	236.024	0.010	236.034	23.496	0.010	23.505	2853.184	0.005	0.448
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	252	0.33	0.100	8.622	1.295	0.027	236.024	0.010	236.034	23.496	0.010	23.505	2853.184	0.005	0.448
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.094	8.727	1.304	0.026	236.024	0.009	236.033	23.496	0.009	23.504	2769.665	0.004	0.435
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.094	8.727	1.304	0.026	236.024	0.009	236.033	23.496	0.009	23.504	2769.665	0.004	0.435
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	8	0.33	0.094	8.727	1.304	0.026	236.024	0.009	236.033	23.496	0.009	23.504	2769.665	0.004	0.435
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	8	0.33	0.094	8.727	1.304	0.026	236.024	0.009	236.033	23.496	0.009	23.504	2769.665	0.004	0.435
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	116	0.33	0.094	8.727	1.304	0.026	236.024	0.009	236.033	23.496	0.009	23.504	2769.665	0.004	0.435
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.092	8.772	1.308	0.026	236.024	0.009	236.032	23.496	0.008	23.504	2729.253	0.004	0.429
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.091	8.804	1.313	0.025	236.024	0.008	236.032	23.496	0.008	23.504	2692.580	0.004	0.423
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	8	0.33	0.091	8.804	1.313	0.025	236.024	0.008	236.032	23.496	0.008	23.504	2692.580	0.004	0.423
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	8	0.33	0.091	8.804	1.313	0.025	236.024	0.008	236.032	23.496	0.008	23.504	2692.580	0.004	0.423
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	252	0.33	0.091	8.804	1.313	0.025	236.024	0.008	236.032	23.496	0.008	23.504	2692.580	0.004	0.423
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.088	8.858	1.319	0.025	236.024	0.008	236.031	23.496	0.007	23.503	2623.770	0.004	0.412
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.088	8.858	1.319	0.025	236.024	0.008	236.031	23.496	0.007	23.503	2623.770	0.004	0.412

1) Accounts for all exhaust and evaporative processes
2) Includes dust conrol meaure of watering exposed areas

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Non-Running Emission Factors (g/trip)[1]											
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	8	0.33	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	8	0.33	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	116	0.33	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	8	0.33	0.179	5.397	2.481	0.005	0.000	0.002	0.002	0.000	0.002	0.002	479.600	0.008	0.075
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	8	0.33	0.176	5.505	2.657	0.004	0.000	0.001	0.001	0.000	0.001	0.001	467.545	0.008	0.073
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	252	0.33	0.176	5.505	2.657	0.004	0.000	0.001	0.001	0.000	0.001	0.001	467.545	0.008	0.073
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	8	0.33	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	8	0.33	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	252	0.33	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	8	0.33	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	8	0.33	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	116	0.33	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.178	5.527	2.678	0.004	0.000	0.001	0.001	0.000	0.001	0.001	442.970	0.008	0.070
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	8	0.33	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	8	0.33	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	252	0.33	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.178	5.537	2.685	0.004	0.000	0.001	0.001	0.000	0.001	0.001	426.151	0.008	0.067
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.178	5.537	2.685	0.004	0.000	0.001	0.001	0.000	0.001	0.001	426.151	0.008	0.067

1) Accounts for all exhaust and evaporative processes
2) Includes dust conrol meaure of watering exposed areas

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Emissions (lb/day)[2]												
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	8	0.33	0.01	0.16	0.06	0.00	0.35	0.00	0.35	0.04	0.00	0.04	25.55	0.00	0.00
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	8	0.33	0.01	0.16	0.06	0.00	0.35	0.00	0.35	0.04	0.00	0.04	25.55	0.00	0.00
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	116	0.33	0.17	2.36	0.85	0.00	5.12	0.02	5.13	0.51	0.02	0.53	370.52	0.01	0.06
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	8	0.33	0.01	0.15	0.06	0.00	0.35	0.00	0.35	0.04	0.00	0.04	25.60	0.00	0.00
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	25.10	0.00	0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	252	0.33	0.12	4.59	1.71	0.01	11.11	0.00	11.11	1.11	0.00	1.11	790.53	0.01	0.12
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	24.49	0.00	0.00
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	24.49	0.00	0.00
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	252	0.33	0.12	4.63	1.72	0.01	11.11	0.00	11.11	1.11	0.00	1.11	771.30	0.01	0.12
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	23.83	0.00	0.00
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	23.83	0.00	0.00
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	116	0.33	0.05	2.14	0.79	0.00	5.12	0.00	5.12	0.51	0.00	0.51	345.55	0.00	0.05
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	23.19	0.00	0.00
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	8	0.33	0.00	0.15	0.05	0.00	0.35	0.00	0.35	0.04	0.00	0.04	23.19	0.00	0.00
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	252	0.33	0.12	4.67	1.73	0.01	11.11	0.00	11.11	1.11	0.00	1.11	730.61	0.01	0.11
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

2) Includes dust conrol meaure of watering exposed areas

Vendor Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day (In/Out)	Trip Length (mi)[1]	Total MT CO2	CH4	N2O	CO2e
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	8	0.33	0.23	0.00	0.00	0.24
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	8	0.33	0.12	0.00	0.00	0.12
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	116	0.33	50.42	0.00	0.01	52.81
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	8	0.33	0.35	0.00	0.00	0.36
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	8	0.33	0.23	0.00	0.00	0.24
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	252	0.33	179.29	0.00	0.03	187.72
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	8	0.33	0.33	0.00	0.00	0.35
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	8	0.33	0.22	0.00	0.00	0.23
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	252	0.33	174.93	0.00	0.03	183.15
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	8	0.33	0.22	0.00	0.00	0.23
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	8	0.33	0.11	0.00	0.00	0.11
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	116	0.33	47.02	0.00	0.01	49.23
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	8	0.33	0.32	0.00	0.00	0.33
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	8	0.33	0.21	0.00	0.00	0.22
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	252	0.33	165.70	0.00	0.03	173.49
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes
2) Includes dust conrol meaure of watering exposed areas

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day	Trip Length (mi)	Running Exhaust Emission Factor (g/mile)											
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	8	6.9	0.143	3.559	0.537	0.012	0.420	0.085	0.505	0.121	0.082	0.202	1237.160	0.007	0.194
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	8	6.9	0.143	3.559	0.537	0.012	0.420	0.085	0.505	0.121	0.082	0.202	1237.160	0.007	0.194
Phase 1-Construction	9/6/21	11/7/22	300	2021	116	6.9	0.143	3.559	0.537	0.012	0.420	0.085	0.505	0.121	0.082	0.202	1237.160	0.007	0.194
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	8	6.9	0.071	2.476	0.298	0.011	0.420	0.042	0.462	0.121	0.040	0.161	1190.095	0.003	0.187
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	8	6.9	0.013	1.590	0.117	0.011	0.420	0.011	0.431	0.121	0.011	0.132	1133.632	0.001	0.178
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	252	6.9	0.013	1.590	0.117	0.011	0.420	0.011	0.431	0.121	0.011	0.132	1133.632	0.001	0.178
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	0	6.9	0.013	1.570	0.118	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1105.059	0.001	0.174
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	0	6.9	0.013	1.570	0.118	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1105.059	0.001	0.174
Phase 3-Demolition	5/1/25	6/11/25	30	2025	8	6.9	0.013	1.570	0.118	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1105.059	0.001	0.174
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	8	6.9	0.013	1.570	0.118	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1105.059	0.001	0.174
Phase 3-Construction	7/5/25	6/9/27	500	2025	252	6.9	0.013	1.570	0.118	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1105.059	0.001	0.174
Phase 3-Paving	6/4/27	7/27/27	35	2027	0	6.9	0.012	1.534	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1071.961	0.001	0.168
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	0	6.9	0.012	1.534	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1071.961	0.001	0.168
Phase 4-Demolition	10/1/27	10/28/27	20	2027	8	6.9	0.012	1.534	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1071.961	0.001	0.168
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	8	6.9	0.012	1.534	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1071.961	0.001	0.168
Phase 4-Construction	11/5/27	1/5/29	300	2027	116	6.9	0.012	1.534	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1071.961	0.001	0.168
Phase 4-Paving	12/31/28	1/30/29	20	2028	0	6.9	0.012	1.520	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1056.018	0.001	0.166
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	0	6.9	0.012	1.511	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1041.586	0.001	0.164
Phase 5-Demolition	3/1/29	4/11/29	30	2029	8	6.9	0.012	1.511	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1041.586	0.001	0.164
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	8	6.9	0.012	1.511	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1041.586	0.001	0.164
Phase 5-Construction	5/5/29	4/9/31	500	2029	252	6.9	0.012	1.511	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.132	1041.586	0.001	0.164
Phase 5-Paving	4/4/31	5/27/31	35	2031	0	6.9	0.012	1.497	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.131	1013.601	0.001	0.159
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	0	6.9	0.012	1.497	0.117	0.010	0.420	0.011	0.431	0.121	0.011	0.131	1013.601	0.001	0.159

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1] ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	8	6.9	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	8	6.9	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 1-Construction	9/6/21	11/7/22	300	2021	116	6.9	0.179	5.229	2.308	0.004	0.000	0.005	0.005	0.000	0.004	0.004	461.781	0.008	0.073
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	8	6.9	0.179	5.397	2.481	0.005	0.000	0.002	0.002	0.000	0.002	0.002	479.600	0.008	0.075
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	8	6.9	0.176	5.505	2.657	0.004	0.000	0.001	0.001	0.000	0.001	0.001	467.545	0.008	0.073
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	252	6.9	0.176	5.505	2.657	0.004	0.000	0.001	0.001	0.000	0.001	0.001	467.545	0.008	0.073
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	0	6.9	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	0	6.9	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Demolition	5/1/25	6/11/25	30	2025	8	6.9	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	8	6.9	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Construction	7/5/25	6/9/27	500	2025	252	6.9	0.177	5.515	2.667	0.004	0.000	0.001	0.001	0.000	0.001	0.001	458.374	0.008	0.072
Phase 3-Paving	6/4/27	7/27/27	35	2027	0	6.9	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	0	6.9	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Demolition	10/1/27	10/28/27	20	2027	8	6.9	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	8	6.9	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Construction	11/5/27	1/5/29	300	2027	116	6.9	0.177	5.523	2.675	0.004	0.000	0.001	0.001	0.000	0.001	0.001	448.459	0.008	0.070
Phase 4-Paving	12/31/28	1/30/29	20	2028	0	6.9	0.178	5.527	2.678	0.004	0.000	0.001	0.001	0.000	0.001	0.001	442.970	0.008	0.070
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	0	6.9	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Demolition	3/1/29	4/11/29	30	2029	8	6.9	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	8	6.9	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Construction	5/5/29	4/9/31	500	2029	252	6.9	0.178	5.530	2.681	0.004	0.000	0.001	0.001	0.000	0.001	0.001	437.477	0.008	0.069
Phase 5-Paving	4/4/31	5/27/31	35	2031	0	6.9	0.178	5.537	2.685	0.004	0.000	0.001	0.001	0.000	0.001	0.001	426.151	0.008	0.067
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	0	6.9	0.178	5.537	2.685	0.004	0.000	0.001	0.001	0.000	0.001	0.001	426.151	0.008	0.067

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day	Trip Length (mi)	Emissions (lb/day) ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/21	8/27/21	20	2021	8	6.9	0.02	0.53	0.11	0.00	0.05	0.01	0.06	0.01	0.01	0.02	158.69	0.00	0.02
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	8	6.9	0.02	0.53	0.11	0.00	0.05	0.01	0.06	0.01	0.01	0.02	158.69	0.00	0.02
Phase 1-Construction	9/6/21	11/7/22	300	2021	116	6.9	0.30	7.62	1.54	0.02	0.74	0.15	0.89	0.21	0.15	0.36	2301.02	0.01	0.36
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	8	6.9	0.01	0.40	0.08	0.00	0.05	0.01	0.06	0.01	0.00	0.02	153.28	0.00	0.02
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	8	6.9	0.00	0.29	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	146.19	0.00	0.02
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	252	6.9	0.15	9.15	1.93	0.04	1.61	0.04	1.65	0.46	0.04	0.51	4605.13	0.01	0.72
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/25	6/11/25	30	2025	8	6.9	0.00	0.29	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	142.56	0.00	0.02
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	8	6.9	0.00	0.29	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	142.56	0.00	0.02
Phase 3-Construction	7/5/25	6/9/27	500	2025	252	6.9	0.15	9.08	1.93	0.04	1.61	0.04	1.65	0.46	0.04	0.51	4490.52	0.01	0.71
Phase 3-Paving	6/4/27	7/27/27	35	2027	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/27	10/28/27	20	2027	8	6.9	0.00	0.28	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	138.35	0.00	0.02
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	8	6.9	0.00	0.28	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	138.35	0.00	0.02
Phase 4-Construction	11/5/27	1/5/29	300	2027	116	6.9	0.07	4.12	0.89	0.02	0.74	0.02	0.76	0.21	0.02	0.23	2006.13	0.00	0.32
Phase 4-Paving	12/31/28	1/30/29	20	2028	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/29	4/11/29	30	2029	8	6.9	0.00	0.28	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	134.46	0.00	0.02
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	8	6.9	0.00	0.28	0.06	0.00	0.05	0.00	0.05	0.01	0.00	0.02	134.46	0.00	0.02
Phase 5-Construction	5/5/29	4/9/31	500	2029	252	6.9	0.14	8.86	1.94	0.04	1.61	0.04	1.65	0.46	0.04	0.50	4235.60	0.01	0.67
Phase 5-Paving	4/4/31	5/27/31	35	2031	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	0	6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

Vendor Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Vendor Trips/day	Trip Length (mi)	Total MT CO2	CH4	N2O	CO2e
Phase 1-Demolition	8/2/21	8/27/21	20	2021	8	6.9	1.44	0.00	0.00	1.51
Phase 1-Site Preparation	8/22/21	9/11/21	10	2021	8	6.9	0.72	0.00	0.00	0.75
Phase 1-Construction	9/6/21	11/7/22	300	2021	116	6.9	313.12	0.00	0.05	327.83
Phase 2A/2B-Demolition	12/1/22	1/11/23	30	2022	8	6.9	2.09	0.00	0.00	2.18
Phase 2A/2B-Site Preparation	1/6/23	2/9/23	20	2023	8	6.9	1.33	0.00	0.00	1.39
Phase 2A/2B-Construction	2/4/23	1/9/25	500	2023	252	6.9	1044.43	0.00	0.16	1093.39
Phase 2A/2B-Paving	1/4/25	2/28/25	35	2025	0	6.9	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/25	4/16/25	35	2025	0	6.9	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/25	6/11/25	30	2025	8	6.9	1.94	0.00	0.00	2.03
Phase 3-Site Preparation	6/6/25	7/10/25	20	2025	8	6.9	1.29	0.00	0.00	1.35
Phase 3-Construction	7/5/25	6/9/27	500	2025	252	6.9	1018.43	0.00	0.16	1066.18
Phase 3-Paving	6/4/27	7/27/27	35	2027	0	6.9	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/27	9/13/27	35	2027	0	6.9	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/27	10/28/27	20	2027	8	6.9	1.26	0.00	0.00	1.31
Phase 4-Site Preparation	10/23/27	11/10/27	10	2027	8	6.9	0.63	0.00	0.00	0.66
Phase 4-Construction	11/5/27	1/5/29	300	2027	116	6.9	272.99	0.00	0.04	285.79
Phase 4-Paving	12/31/28	1/30/29	20	2028	0	6.9	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/29	2/28/29	20	2029	0	6.9	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/29	4/11/29	30	2029	8	6.9	1.83	0.00	0.00	1.92
Phase 5-Site Preparation	4/6/29	5/10/29	20	2029	8	6.9	1.22	0.00	0.00	1.28
Phase 5-Construction	5/5/29	4/9/31	500	2029	252	6.9	960.62	0.00	0.15	1005.65
Phase 5-Paving	4/4/31	5/27/31	35	2031	0	6.9	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/31	7/14/31	35	2031	0	6.9	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Running Exhaust Emission Factor (g/mile)											
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	0.33	1.697	15.481	3.720	0.034	236.001	0.211	236.212	23.484	0.202	23.686	3631.987	0.079	0.571
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	0.33	1.697	15.481	3.720	0.034	236.001	0.211	236.212	23.484	0.202	23.686	3631.987	0.079	0.571
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	0.33	1.697	15.481	3.720	0.034	236.001	0.211	236.212	23.484	0.202	23.686	3631.987	0.079	0.571
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	0.33	0.701	12.252	2.507	0.034	236.001	0.091	236.092	23.484	0.087	23.571	3567.744	0.033	0.561
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	0.33	0.162	10.565	1.783	0.033	236.001	0.019	236.021	23.484	0.019	23.502	3499.156	0.008	0.550
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	0.33	0.162	10.565	1.783	0.033	236.001	0.019	236.021	23.484	0.019	23.502	3499.156	0.008	0.550
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.148	10.587	1.803	0.032	236.001	0.016	236.017	23.484	0.015	23.499	3412.602	0.007	0.536
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.148	10.587	1.803	0.032	236.001	0.016	236.017	23.484	0.015	23.499	3412.602	0.007	0.536
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	0.33	0.148	10.587	1.803	0.032	236.001	0.016	236.017	23.484	0.015	23.499	3412.602	0.007	0.536
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	0.33	0.148	10.587	1.803	0.032	236.001	0.016	236.017	23.484	0.015	23.499	3412.602	0.007	0.536
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	0.33	0.148	10.587	1.803	0.032	236.001	0.016	236.017	23.484	0.015	23.499	3412.602	0.007	0.536
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.137	10.651	1.818	0.031	236.001	0.014	236.015	23.484	0.013	23.497	3322.297	0.006	0.522
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.137	10.651	1.818	0.031	236.001	0.014	236.015	23.484	0.013	23.497	3322.297	0.006	0.522
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	0.33	0.137	10.651	1.818	0.031	236.001	0.014	236.015	23.484	0.013	23.497	3322.297	0.006	0.522
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	0.33	0.137	10.651	1.818	0.031	236.001	0.014	236.015	23.484	0.013	23.497	3322.297	0.006	0.522
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	0.33	0.137	10.651	1.818	0.031	236.001	0.014	236.015	23.484	0.013	23.497	3322.297	0.006	0.522
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.133	10.694	1.825	0.031	236.001	0.013	236.014	23.484	0.012	23.496	3278.980	0.006	0.515
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.129	10.731	1.833	0.031	236.001	0.012	236.013	23.484	0.011	23.495	3241.486	0.006	0.510
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	0.33	0.129	10.731	1.833	0.031	236.001	0.012	236.013	23.484	0.011	23.495	3241.486	0.006	0.510
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	0.33	0.129	10.731	1.833	0.031	236.001	0.012	236.013	23.484	0.011	23.495	3241.486	0.006	0.510
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	0.33	0.129	10.731	1.833	0.031	236.001	0.012	236.013	23.484	0.011	23.495	3241.486	0.006	0.510
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.123	10.823	1.847	0.030	236.001	0.011	236.012	23.484	0.010	23.494	3170.444	0.006	0.498
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.123	10.823	1.847	0.030	236.001	0.011	236.012	23.484	0.010	23.494	3170.444	0.006	0.498

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Non-Running Emission Factors (g/trip)[1]											
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	0.33	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	0.33	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	0.33	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	0.33	0.350	8.723	4.784	0.009	0.000	0.003	0.003	0.000	0.003	0.003	903.623	0.016	0.142
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	0.33	0.349	8.631	5.133	0.008	0.000	0.002	0.002	0.000	0.002	0.002	882.847	0.016	0.139
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	0.33	0.349	8.631	5.133	0.008	0.000	0.002	0.002	0.000	0.002	0.002	882.847	0.016	0.139
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	0.33	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	0.33	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	0.33	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	0.33	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	0.33	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	0.33	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.351	8.671	5.175	0.008	0.000	0.002	0.002	0.000	0.002	0.002	836.662	0.016	0.132
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	0.33	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	0.33	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	0.33	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.351	8.688	5.189	0.008	0.000	0.002	0.002	0.000	0.001	0.001	804.842	0.016	0.127
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.351	8.688	5.189	0.008	0.000	0.002	0.002	0.000	0.001	0.001	804.842	0.016	0.127

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Emissions (lb/day)[2]												
							ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	0.33	0.00	0.06	0.02	0.00	0.09	0.00	0.09	0.01	0.00	0.01	9.04	0.00	0.00
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	0.33	0.02	0.45	0.20	0.00	0.71	0.00	0.71	0.07	0.00	0.07	72.89	0.00	0.01
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	0.33	0.01	0.16	0.08	0.00	0.26	0.00	0.26	0.03	0.00	0.03	26.16	0.00	0.00
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	0.33	0.00	0.11	0.05	0.00	0.18	0.00	0.18	0.02	0.00	0.02	17.02	0.00	0.00
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	0.33	0.00	0.11	0.05	0.00	0.18	0.00	0.18	0.02	0.00	0.02	16.60	0.00	0.00
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Haul Onsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)[1]	Total MT CO2	CH4	N2O	CO2e
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	0.33	0.08	0.00	0.00	0.09
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	0.33	0.00	0.00	0.00	0.00
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	0.33	0.00	0.00	0.00	0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	0.33	0.99	0.00	0.00	1.04
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	0.33	0.00	0.00	0.00	0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	0.33	0.00	0.00	0.00	0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	0.33	0.36	0.00	0.00	0.37
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	0.33	0.15	0.00	0.00	0.16
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	0.33	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	0.33	0.23	0.00	0.00	0.24
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	0.33	0.00	0.00	0.00	0.00

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Running Exhaust Emission Factor (g/mile) ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	20	0.156	4.595	0.611	0.014	0.398	0.089	0.487	0.109	0.085	0.195	1490.858	0.007	0.234
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	20	0.156	4.595	0.611	0.014	0.398	0.089	0.487	0.109	0.085	0.195	1490.858	0.007	0.234
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	20	0.156	4.595	0.611	0.014	0.398	0.089	0.487	0.109	0.085	0.195	1490.858	0.007	0.234
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	20	0.068	3.142	0.303	0.013	0.398	0.032	0.430	0.109	0.031	0.140	1424.541	0.003	0.224
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	20	0.020	2.096	0.165	0.013	0.398	0.016	0.414	0.109	0.015	0.124	1355.381	0.001	0.213
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	20	0.020	2.096	0.165	0.013	0.398	0.016	0.414	0.109	0.015	0.124	1355.381	0.001	0.213
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	20	0.018	2.021	0.165	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1322.547	0.001	0.208
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	20	0.018	2.021	0.165	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1322.547	0.001	0.208
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	20	0.018	2.021	0.165	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1322.547	0.001	0.208
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	20	0.018	2.021	0.165	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1322.547	0.001	0.208
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	20	0.018	2.021	0.165	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1322.547	0.001	0.208
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	20	0.018	1.943	0.163	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1285.896	0.001	0.202
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	20	0.018	1.943	0.163	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1285.896	0.001	0.202
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	20	0.018	1.943	0.163	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1285.896	0.001	0.202
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	20	0.018	1.943	0.163	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1285.896	0.001	0.202
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	20	0.018	1.943	0.163	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1285.896	0.001	0.202
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	20	0.017	1.913	0.162	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1268.467	0.001	0.199
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	20	0.017	1.894	0.162	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1253.403	0.001	0.197
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	20	0.017	1.894	0.162	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1253.403	0.001	0.197
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	20	0.017	1.894	0.162	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1253.403	0.001	0.197
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	20	0.017	1.894	0.162	0.012	0.398	0.015	0.413	0.109	0.015	0.124	1253.403	0.001	0.197
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	20	0.016	1.868	0.163	0.012	0.398	0.015	0.412	0.109	0.014	0.123	1223.859	0.001	0.192
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	20	0.016	1.868	0.163	0.012	0.398	0.015	0.412	0.109	0.014	0.123	1223.859	0.001	0.192

1) Accounts for all exhaust and evaporative processes

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Non-Running Emission Factors (g/trip)[1] ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	20	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	20	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	20	0.349	8.532	4.433	0.008	0.000	0.007	0.007	0.000	0.007	0.007	866.584	0.016	0.136
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	20	0.350	8.723	4.784	0.009	0.000	0.003	0.003	0.000	0.003	0.003	903.623	0.016	0.142
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	20	0.349	8.631	5.133	0.008	0.000	0.002	0.002	0.000	0.002	0.002	882.847	0.016	0.139
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	20	0.349	8.631	5.133	0.008	0.000	0.002	0.002	0.000	0.002	0.002	882.847	0.016	0.139
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	20	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	20	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	20	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	20	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	20	0.350	8.650	5.153	0.008	0.000	0.002	0.002	0.000	0.002	0.002	865.635	0.016	0.136
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	20	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	20	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	20	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	20	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	20	0.350	8.665	5.169	0.008	0.000	0.002	0.002	0.000	0.002	0.002	847.013	0.016	0.133
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	20	0.351	8.671	5.175	0.008	0.000	0.002	0.002	0.000	0.002	0.002	836.662	0.016	0.132
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	20	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	20	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	20	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	20	0.351	8.677	5.181	0.008	0.000	0.002	0.002	0.000	0.002	0.002	826.296	0.016	0.130
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	20	0.351	8.688	5.189	0.008	0.000	0.002	0.002	0.000	0.001	0.001	804.842	0.016	0.127
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	20	0.351	8.688	5.189	0.008	0.000	0.002	0.002	0.000	0.001	0.001	804.842	0.016	0.127

1) Accounts for all exhaust and evaporative processes

Haul Offsite

Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	Emissions (lb/day)[2] ROG	NOX	CO	SOX	PM10 Fugitive	PM10 Exhaust	PM10 Total	PM2.5 Fugitive	PM2.5 Exhaust	PM2.5 Total	CO2	CH4	N2O
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	20	0.02	0.44	0.07	0.00	0.04	0.01	0.04	0.01	0.01	0.02	135.28	0.00	0.02
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	20	0.06	2.52	0.38	0.01	0.28	0.02	0.30	0.08	0.02	0.10	1036.80	0.00	0.16
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	20	0.01	0.65	0.11	0.00	0.11	0.00	0.11	0.03	0.00	0.03	361.31	0.00	0.06
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	20	0.01	0.42	0.07	0.00	0.07	0.00	0.07	0.02	0.00	0.02	234.25	0.00	0.04
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	20	0.01	0.41	0.07	0.00	0.07	0.00	0.07	0.02	0.00	0.02	228.34	0.00	0.04
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

Haul Offsite

							Total MT			
Phase Name	Start Date	End Date	Total Days	Year	# of One-way Haul Trips/day (In/Out)	Trip Length (mi)	CO2	CH4	N2O	CO2e
Phase 1-Demolition	8/2/2021	8/27/2021	20	2021	2	20	1.23	0.00	0.00	1.28
Phase 1-Site Preparation	8/22/2021	9/11/2021	10	2021	0	20	0.00	0.00	0.00	0.00
Phase 1-Construction	9/6/2021	11/7/2022	300	2021	0	20	0.00	0.00	0.00	0.00
Phase 2A/2B-Demolition	12/1/2022	1/11/2023	30	2022	16	20	14.11	0.00	0.00	14.77
Phase 2A/2B-Site Preparation	1/6/2023	2/9/2023	20	2023	0	20	0.00	0.00	0.00	0.00
Phase 2A/2B-Construction	2/4/2023	1/9/2025	500	2023	0	20	0.00	0.00	0.00	0.00
Phase 2A/2B-Paving	1/4/2025	2/28/2025	35	2025	0	20	0.00	0.00	0.00	0.00
Phase 2A/2B-Architectural Coating	2/23/2025	4/16/2025	35	2025	0	20	0.00	0.00	0.00	0.00
Phase 3-Demolition	5/1/2025	6/11/2025	30	2025	6	20	4.92	0.00	0.00	5.15
Phase 3-Site Preparation	6/6/2025	7/10/2025	20	2025	0	20	0.00	0.00	0.00	0.00
Phase 3-Construction	7/5/2025	6/9/2027	500	2025	0	20	0.00	0.00	0.00	0.00
Phase 3-Paving	6/4/2027	7/27/2027	35	2027	0	20	0.00	0.00	0.00	0.00
Phase 3-Architectural Coating	7/22/2027	9/13/2027	35	2027	0	20	0.00	0.00	0.00	0.00
Phase 4-Demolition	10/1/2027	10/28/2027	20	2027	4	20	2.13	0.00	0.00	2.22
Phase 4-Site Preparation	10/23/2027	11/10/2027	10	2027	0	20	0.00	0.00	0.00	0.00
Phase 4-Construction	11/5/2027	1/5/2029	300	2027	0	20	0.00	0.00	0.00	0.00
Phase 4-Paving	12/31/2028	1/30/2029	20	2028	0	20	0.00	0.00	0.00	0.00
Phase 4-Architectural Coating	1/25/2029	2/28/2029	20	2029	0	20	0.00	0.00	0.00	0.00
Phase 5-Demolition	3/1/2029	4/11/2029	30	2029	4	20	3.11	0.00	0.00	3.25
Phase 5-Site Preparation	4/6/2029	5/10/2029	20	2029	0	20	0.00	0.00	0.00	0.00
Phase 5-Construction	5/5/2029	4/9/2031	500	2029	0	20	0.00	0.00	0.00	0.00
Phase 5-Paving	4/4/2031	5/27/2031	35	2031	0	20	0.00	0.00	0.00	0.00
Phase 5-Architectural Coating	5/22/2031	7/14/2031	35	2031	0	20	0.00	0.00	0.00	0.00

1) Accounts for all exhaust and evaporative processes

Architectural Coating Emissions

Land Use		Land Use Type	SF	Residential Interior EF	Residential Interior Area (SF)	Residential Exterior EF	Residential Exterior Area	Non-Residential Interior EF	Non-Residential Interior Area (SF)	Non-Residential Exterior EF	Non-Residential Exterior Area	Parking EF	Parking Area	Total Emissions
Visitor Center		Non-Residential	12,500	50	0	50	0	100	18750	100	6250	100	0	115.79
Parking	1675 spaces	Parking	670,000	50	0	50	0	100	0	100	0	100	40200	186.19
				50	0	50	0	100	0	100	0	100	0	0.00
													Total Emissions	301.98
													Daily Emissions	8.63

					Emissions (lb/day)
Phase Name	Phase Type	Start Date	End Date	CalEEMod Workdays	ROG
Phase 1-Demolition	Demolition	8/2/21	8/27/21	20	
Phase 1-Site Preparation	Site Preparation	8/22/21	9/11/21	10	
Phase 1-Construction	Building Construction	9/6/21	11/7/22	300	
Phase 2A/2B-Demolition	Demolition	12/1/22	1/11/23	30	
Phase 2A/2B-Site Preparation	Site Preparation	1/6/23	2/9/23	20	
Phase 2A/2B-Construction	Building Construction	2/4/23	1/9/25	500	
Phase 2A/2B-Paving	Paving	1/4/25	2/28/25	35	0.4193
Phase 2A/2B-Architectural Coating	Architectural Coating	2/23/25	4/16/25	35	8.6281
Phase 3-Demolition	Demolition	5/1/25	6/11/25	30	
Phase 3-Site Preparation	Site Preparation	6/6/25	7/10/25	20	
Phase 3-Construction	Building Construction	7/5/25	6/9/27	500	
Phase 3-Paving	Paving	6/4/27	7/27/27	35	0.4193
Phase 3-Architectural Coating	Architectural Coating	7/22/27	9/13/27	35	8.6281
Phase 4-Demolition	Demolition	10/1/27	10/28/27	20	
Phase 4-Site Preparation	Site Preparation	10/23/27	11/10/27	10	
Phase 4-Construction	Building Construction	11/5/27	1/5/29	300	
Phase 4-Paving	Paving	12/31/28	1/30/29	20	0.4193
Phase 4-Architectural Coating	Architectural Coating	1/25/29	2/28/29	20	8.6281
Phase 5-Demolition	Demolition	3/1/29	4/11/29	30	
Phase 5-Site Preparation	Site Preparation	4/6/29	5/10/29	20	
Phase 5-Construction	Building Construction	5/5/29	4/9/31	500	
Phase 5-Paving	Paving	4/4/31	5/27/31	35	0.4193
Phase 5-Architectural Coating	Architectural Coating	5/22/31	7/14/31	35	8.6281

Paving Off-Gassing Emissions

Parameter	Value
Parking Spaces	**610**
SF/parking Space[1]	**400**
Paving Area (sf)	244,000
Paving Area (acre)	5.6015
Off-Gassing EF (lb/acre)	2.6200
Total Emissions (lbs)	14.6758
Daily Emissions	**0.4193**

[1]CalEEMod Default value

GHG Emissions from Water Consumption

		kWh/million gallons (Mgal)				
Location Type	**Name**	**Supply Water**	**Treat Water**	**Distribute Water**	**Wastewater Treatment[1]**	**Total Water Use Factor**
Air District	SCAQMD	9,727.00	111.00	1,272.00		11,110.00

Parameter	**Value**
Water Trucks per day	4
Water Truck Capacity (gallons)[2]	4,000.00
Daily Water Consumption (gallons)	**16,000.00**
Daily Water Consumption (Mgal)	0.016
Daily Electricity Consumption (kWh)	177.76
Daily Electricity Consumption (MWh)	0.18
# of Workdays	**2,355.00**
Total Electricity Consumption (MWh)	**418.62**
SCE CO_2 Intensity Factor (lb/MWh)[3]	534
CH_4 Intensity Factor (lb/MWh)[4]	0.03
N_2O Intensity Factor (lb/MWh)[4]	0.01
Total $MTCO_2$	101.40
Total $MTCH_4$	0.01
Total MTN_2O	0.00
Total $MTCO_2e$	**101.88**
Total Project Water Consumption (gallons)	**37,680,000**
Project Duration (years)	**10**
Annual Water Consumption (gallons)	**3,768,000**

1) Water will be used for dust control and would not travel into wastewater system.
2) Water truck capacity
https://www.loadkingmfg.com/water-trucks/4000-gallon-water-truck/
3) SCE Intensity Factor
https://www.edison.com/content/dam/eix/documents/sustainability/eix-2019-sustainability-report.pdf
4) Default CalEEMod values

Existing Site Operations Emissions

Existing Regional Operational Emissions

SUMMER	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**					
Area	0.018	0.000	0.002	0.000	0.000	0.000
Energy	0.000	0.002	0.002	0.000	0.000	0.000
Mobile	0.972	4.636	11.269	0.037	2.868	0.792
Total	0.990	4.638	11.273	0.037	2.869	0.792

WINTER	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**					
Area	0.018	0.000	0.002	0.000	0.000	0.000
Energy	0.000	0.002	0.002	0.000	0.000	0.000
Mobile	0.924	4.713	10.718	0.035	2.869	0.792
Total	0.942	4.715	10.722	0.035	2.869	0.792

MAXIMUM	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**					
Area	0.018	0.000	0.002	0.000	0.000	0.000
Energy	0.000	0.002	0.002	0.000	0.000	0.000
Mobile	0.972	4.713	11.269	0.037	2.869	0.792
Total Existing Emissions	0.990	4.715	11.273	0.037	2.869	0.792

Existing Localized Operational Emissions

SUMMER	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.000	0.002	0.000	0.000
Energy	0.002	0.002	0.000	0.000
Total	0.002	0.004	0.000	0.000

WINTER	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.000	0.002	0.000	0.000
Energy	0.002	0.002	0.000	0.000
Total	0.002	0.004	0.000	0.000

MAXIMUM	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.000	0.002	0.000	0.000
Energy	0.002	0.002	0.000	0.000
Total Existing Emissions	**0.002**	**0.004**	**0.000**	**0.000**

Mile Square Park-Existing Operations - South Coast AQMD Air District, Summer

Mile Square Park-Existing Operations

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
Golf Course	18.00	Hole	93.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainability Report

Land Use - Acreage consistent with size of Project. Ranger Station-788

Vehicle Trips - Trip rates updated to result in same number of ADT in Traffic Study.

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	790.00	788.00
tblLandUse	LotAcreage	125.66	93.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	534
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	40.63	30.38
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	39.53	30.38
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	35.74	30.38

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Energy	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Mobile	0.9722	4.6363	11.2691	0.0372	2.8319	0.0365	2.8684	0.7578	0.0343	0.7920		3,781.9591	3,781.9591	0.1961		3,786.8627
Total	**0.9902**	**4.6383**	**11.2726**	**0.0372**	**2.8319**	**0.0367**	**2.8686**	**0.7578**	**0.0344**	**0.7922**		**3,784.2846**	**3,784.2846**	**0.1962**	**4.0000e-005**	**3,789.2023**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Energy	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Mobile	0.9722	4.6363	11.2691	0.0372	2.8319	0.0365	2.8684	0.7578	0.0343	0.7920		3,781.9591	3,781.9591	0.1961		3,786.8627
Total	**0.9902**	**4.6383**	**11.2726**	**0.0372**	**2.8319**	**0.0367**	**2.8686**	**0.7578**	**0.0344**	**0.7922**		**3,784.2846**	**3,784.2846**	**0.1962**	**4.0000e-005**	**3,789.2023**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9722	4.6363	11.2691	0.0372	2.8319	0.0365	2.8684	0.7578	0.0343	0.7920		3,781.9591	3,781.9591	0.1961		3,786.8627
Unmitigated	0.9722	4.6363	11.2691	0.0372	2.8319	0.0365	2.8684	0.7578	0.0343	0.7920		3,781.9591	3,781.9591	0.1961		3,786.8627

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Golf Course	546.84	546.84	546.84	1,331,835	1,331,835
Total	546.84	546.84	546.84	1,331,835	1,331,835

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Golf Course	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Golf Course	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
NaturalGas Unmitigated	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	19.7324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.1000e-004**	**1.9300e-003**	**1.6300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3215**	**2.3215**	**4.0000e-005**	**4.0000e-005**	**2.3353**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0197324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Total		**2.1000e-004**	**1.9300e-003**	**1.6300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3215**	**2.3215**	**4.0000e-005**	**4.0000e-005**	**2.3353**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Unmitigated	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Total	**0.0178**	**2.0000e-005**	**1.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.1100e-003**	**4.1100e-003**	**1.0000e-005**		**4.3900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Total	**0.0178**	**2.0000e-005**	**1.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.1100e-003**	**4.1100e-003**	**1.0000e-005**		**4.3900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Mile Square Park-Existing Operations

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
Golf Course	18.00	Hole	93.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainability Report

Land Use - Acreage consistent with size of Project. Ranger Station-788

Vehicle Trips - Trip rates updated to result in same number of ADT in Traffic Study.

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	790.00	788.00
tblLandUse	LotAcreage	125.66	93.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	534
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	40.63	30.38
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	39.53	30.38
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	35.74	30.38

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Energy	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Mobile	0.9244	4.7134	10.7184	0.0352	2.8319	0.0368	2.8687	0.7578	0.0345	0.7923		3,576.8487	3,576.8487	0.1973		3,581.7803
Total	**0.9424**	**4.7153**	**10.7219**	**0.0352**	**2.8319**	**0.0369**	**2.8688**	**0.7578**	**0.0347**	**0.7924**		**3,579.1742**	**3,579.1742**	**0.1973**	**4.0000e-005**	**3,584.1199**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Energy	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Mobile	0.9244	4.7134	10.7184	0.0352	2.8319	0.0368	2.8687	0.7578	0.0345	0.7923		3,576.8487	3,576.8487	0.1973		3,581.7803
Total	**0.9424**	**4.7153**	**10.7219**	**0.0352**	**2.8319**	**0.0369**	**2.8688**	**0.7578**	**0.0347**	**0.7924**		**3,579.1742**	**3,579.1742**	**0.1973**	**4.0000e-005**	**3,584.1199**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.9244	4.7134	10.7184	0.0352	2.8319	0.0368	2.8687	0.7578	0.0345	0.7923		3,576.8487	3,576.8487	0.1973		3,581.7803
Unmitigated	0.9244	4.7134	10.7184	0.0352	2.8319	0.0368	2.8687	0.7578	0.0345	0.7923		3,576.8487	3,576.8487	0.1973		3,581.7803

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Golf Course	546.84	546.84	546.84	1,331,835	1,331,835
Total	546.84	546.84	546.84	1,331,835	1,331,835

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Golf Course	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Golf Course	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
NaturalGas Unmitigated	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	19.7324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.1000e-004**	**1.9300e-003**	**1.6300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3215**	**2.3215**	**4.0000e-005**	**4.0000e-005**	**2.3353**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Office Building	0.0197324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.1000e-004**	**1.9300e-003**	**1.6300e-003**	**1.0000e-005**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**		**2.3215**	**2.3215**	**4.0000e-005**	**4.0000e-005**	**2.3353**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Unmitigated	0.0178	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Total	**0.0178**	**2.0000e-005**	**1.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.1100e-003**	**4.1100e-003**	**1.0000e-005**		**4.3900e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	2.0000e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0156					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.8000e-004	2.0000e-005	1.9300e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005		4.1100e-003	4.1100e-003	1.0000e-005		4.3900e-003
Total	**0.0178**	**2.0000e-005**	**1.9300e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**		**4.1100e-003**	**4.1100e-003**	**1.0000e-005**		**4.3900e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Existing Operations GHG Summary

Source Category	$MTCO_2e$/year
Area	0.001
Electricity	2.68
Natural Gas	0.39
Mobile	600.57
Waste	1.57
Water	405.67
Total Existing Emissions	**1,010.89**

Mile Square Park-Existing Operations - South Coast AQMD Air District, Annual

Mile Square Park-Existing Operations

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
Golf Course	18.00	Hole	93.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainability Report

Land Use - Acreage consistent with size of Project. Ranger Station-788

Vehicle Trips - Trip rates updated to result in same number of ADT in Traffic Study.

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	790.00	788.00
tblLandUse	LotAcreage	125.66	93.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	534
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	40.63	30.38
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	39.53	30.38
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	35.74	30.38

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2400e-003	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004
Energy	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.0546	3.0546	1.5000e-004	4.0000e-005	3.0694
Mobile	0.1640	0.8733	1.9744	6.5000e-003	0.5061	6.6600e-003	0.5127	0.1356	6.2500e-003	0.1419	0.0000	599.7628	599.7628	0.0323	0.0000	600.5696
Waste						0.0000	0.0000		0.0000	0.0000	0.6354	0.0000	0.6354	0.0376	0.0000	1.5741
Water						0.0000	0.0000		0.0000	0.0000	0.0446	403.5813	403.6258	0.0265	4.6400e-003	405.6717
Total	**0.1673**	**0.8737**	**1.9749**	**6.5000e-003**	**0.5061**	**6.6900e-003**	**0.5127**	**0.1356**	**6.2800e-003**	**0.1419**	**0.6799**	**1,006.3992**	**1,007.0791**	**0.0965**	**4.6800e-003**	**1,010.8853**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2400e-003	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004
Energy	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	3.0546	3.0546	1.5000e-004	4.0000e-005	3.0694
Mobile	0.1640	0.8733	1.9744	6.5000e-003	0.5061	6.6600e-003	0.5127	0.1356	6.2500e-003	0.1419	0.0000	599.7628	599.7628	0.0323	0.0000	600.5696
Waste						0.0000	0.0000		0.0000	0.0000	0.6354	0.0000	0.6354	0.0376	0.0000	1.5741
Water						0.0000	0.0000		0.0000	0.0000	0.0446	403.5813	403.6258	0.0265	4.6400e-003	405.6717
Total	**0.1673**	**0.8737**	**1.9749**	**6.5000e-003**	**0.5061**	**6.6900e-003**	**0.5127**	**0.1356**	**6.2800e-003**	**0.1419**	**0.6799**	**1,006.3992**	**1,007.0791**	**0.0965**	**4.6800e-003**	**1,010.8853**

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

Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1640	0.8733	1.9744	6.5000e-003	0.5061	6.6600e-003	0.5127	0.1356	6.2500e-003	0.1419	0.0000	599.7628	599.7628	0.0323	0.0000	600.5696
Unmitigated	0.1640	0.8733	1.9744	6.5000e-003	0.5061	6.6600e-003	0.5127	0.1356	6.2500e-003	0.1419	0.0000	599.7628	599.7628	0.0323	0.0000	600.5696

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Golf Course	546.84	546.84	546.84	1,331,835	1,331,835
Total	546.84	546.84	546.84	1,331,835	1,331,835

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Golf Course	16.60	8.40	6.90	33.00	48.00	19.00	52	39	9

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Golf Course	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2.6702	2.6702	1.5000e-004	3.0000e-005	2.6828
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2.6702	2.6702	1.5000e-004	3.0000e-005	2.6828
NaturalGas Mitigated	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866
NaturalGas Unmitigated	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	7202.32	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0000e-005**	**3.5000e-004**	**3.0000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.3843**	**0.3843**	**1.0000e-005**	**1.0000e-005**	**0.3866**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	7202.32	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866
Golf Course	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**4.0000e-005**	**3.5000e-004**	**3.0000e-004**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.3843**	**0.3843**	**1.0000e-005**	**1.0000e-005**	**0.3866**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	11024.1	2.6702	1.5000e-004	3.0000e-005	2.6828
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Total		**2.6702**	**1.5000e-004**	**3.0000e-005**	**2.6828**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	11024.1	2.6702	1.5000e-004	3.0000e-005	2.6828
Golf Course	0	0.0000	0.0000	0.0000	0.0000
Total		**2.6702**	**1.5000e-004**	**3.0000e-005**	**2.6828**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.2400e-003	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004
Unmitigated	3.2400e-003	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004
Total	**3.2400e-003**	**0.0000**	**2.4000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.7000e-004**	**4.7000e-004**	**0.0000**	**0.0000**	**5.0000e-004**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	3.7000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.0000e-005	0.0000	2.4000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	4.7000e-004	4.7000e-004	0.0000	0.0000	5.0000e-004
Total	**3.2400e-003**	**0.0000**	**2.4000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**4.7000e-004**	**4.7000e-004**	**0.0000**	**0.0000**	**5.0000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	403.6258	0.0265	4.6400e-003	405.6717
Unmitigated	403.6258	0.0265	4.6400e-003	405.6717

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.14041 / 0.0860575	0.7190	4.6100e-003	1.2000e-004	0.8687
Golf Course	0 / 149.721	402.9069	0.0219	4.5300e-003	404.8029
Total		**403.6258**	**0.0265**	**4.6500e-003**	**405.6717**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	0.14041 / 0.0860575	0.7190	4.6100e-003	1.2000e-004	0.8687
Golf Course	0 / 149.721	402.9069	0.0219	4.5300e-003	404.8029

Total		**403.6258**	**0.0265**	**4.6500e-003**	**405.6717**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.6354	0.0376	0.0000	1.5741
Unmitigated	0.6354	0.0376	0.0000	1.5741

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.73	0.1482	8.7600e-003	0.0000	0.3671
Golf Course	2.4	0.4872	0.0288	0.0000	1.2070
Total		**0.6354**	**0.0376**	**0.0000**	**1.5741**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	0.73	0.1482	8.7600e-003	0.0000	0.3671
Golf Course	2.4	0.4872	0.0288	0.0000	1.2070
Total		**0.6354**	**0.0376**	**0.0000**	**1.5741**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Project Operations Emissions

Regional Operational Emissions

SUMMER	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	Emissions (lb/day)					
Area	0.707	0.001	0.073	0.000	0.000	0.000
Energy	0.009	0.082	0.069	0.000	0.006	0.006
Mobile	0.430	2.053	5.238	0.023	2.166	0.590
Total	1.145	2.135	5.380	0.024	2.172	0.596

WINTER	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	Emissions (lb/day)					
Area	0.707	0.001	0.073	0.000	0.000	0.000
Energy	0.009	0.082	0.069	0.000	0.006	0.006
Mobile	0.406	2.075	4.913	0.022	2.166	0.590
Total	1.121	2.158	5.055	0.022	2.172	0.596

MAXIMUM	ROG	NOx	CO	SO2	PM10 Total	PM2.5 Total
Category	Emissions (lb/day)					
Area	0.707	0.001	0.073	0.000	0.000	0.000
Energy	0.009	0.082	0.069	0.000	0.006	0.006
Mobile	0.430	2.075	5.238	0.023	2.166	0.590
Project Emissions	1.145	2.158	5.380	0.024	2.172	0.596
Existing Emissions	0.990	4.715	11.273	0.037	2.869	0.792
Net Project Emissions	0.16	-2.56	-5.89	-0.01	-0.70	-0.20
SCAQMD Regional Thresholds	55	55	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Localized Operational Emissions

SUMMER	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.001	0.073	0.000	0.000
Energy	0.082	0.069	0.006	0.006
Total	0.083	0.142	0.006	0.006

WINTER	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.001	0.073	0.000	0.000
Energy	0.082	0.069	0.006	0.006
Total	0.083	0.142	0.006	0.006

MAXIMUM	NOx	CO	PM10 Total	PM2.5 Total
Category	**Emissions (lb/day)**			
Area	0.001	0.073	0.000	0.000
Energy	0.082	0.069	0.006	0.006
Project Emissions	0.083	0.142	0.006	0.006
Existing Emissions	0.002	0.004	0.000	0.000
Net Project Emissions	0.081	0.139	0.006	0.006
SCAQMD Regional Thresholds	167	1,734	10	3
Exceeds Threshold?	No	No	No	No

Mile Square Park-Operations

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
General Office Building	4.00	1000sqft	0.09	4,000.00	0
Library	12.50	1000sqft	0.29	12,500.00	0
Parking Lot	610.00	Space	5.49	244,000.00	0
City Park	93.00	Acre	93.00	4,051,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainabiity Report.

Land Use - Visitor Center/Museum categorized as Library/Ranger Station-788 SF/Park Office-4000 SF

Vehicle Trips - Trip rates updated to result in same number of ADT from Traffic Study.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	702.44	534
tblVehicleTrips	ST_TR	22.75	3.78
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	46.55	0.00
tblVehicleTrips	SU_TR	16.74	3.78
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	25.49	0.00
tblVehicleTrips	WD_TR	1.89	3.78
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	56.24	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Energy	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
Mobile	0.4295	2.0526	5.2379	0.0230	2.1504	0.0154	2.1658	0.5752	0.0143	0.5895		2,350.9733	2,350.9733	0.0963		2,353.3809
Total	**1.1452**	**2.1351**	**5.3800**	**0.0235**	**2.1504**	**0.0219**	**2.1723**	**0.5752**	**0.0208**	**0.5960**		**2,449.4427**	**2,449.4427**	**0.0986**	**1.8000e-003**	**2,452.4448**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Energy	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
Mobile	0.4295	2.0526	5.2379	0.0230	2.1504	0.0154	2.1658	0.5752	0.0143	0.5895		2,350.9733	2,350.9733	0.0963		2,353.3809
Total	**1.1452**	**2.1351**	**5.3800**	**0.0235**	**2.1504**	**0.0219**	**2.1723**	**0.5752**	**0.0208**	**0.5960**		**2,449.4427**	**2,449.4427**	**0.0986**	**1.8000e-003**	**2,452.4448**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4295	2.0526	5.2379	0.0230	2.1504	0.0154	2.1658	0.5752	0.0143	0.5895		2,350.9733	2,350.9733	0.0963		2,353.3809
Unmitigated	0.4295	2.0526	5.2379	0.0230	2.1504	0.0154	2.1658	0.5752	0.0143	0.5895		2,350.9733	2,350.9733	0.0963		2,353.3809

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	351.54	351.54	351.54	1,011,570	1,011,570
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	351.54	351.54	351.54	1,011,570	1,011,570

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
General Office Building	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Library	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Parking Lot	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
NaturalGas Unmitigated	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	100.164	1.0800e-003	9.8200e-003	8.2500e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7841	11.7841	2.3000e-004	2.2000e-004	11.8541
General Office Building	19.7324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Library	715.753	7.7200e-003	0.0702	0.0589	4.2000e-004		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003		84.2063	84.2063	1.6100e-003	1.5400e-003	84.7067
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**9.0100e-003**	**0.0819**	**0.0688**	**4.9000e-004**		**6.2300e-003**	**6.2300e-003**		**6.2300e-003**	**6.2300e-003**		**98.3118**	**98.3118**	**1.8800e-003**	**1.8000e-003**	**98.8960**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0.100164	1.0800e-003	9.8200e-003	8.2500e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7841	11.7841	2.3000e-004	2.2000e-004	11.8541
General Office Building	0.0197324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Library	0.715753	7.7200e-003	0.0702	0.0589	4.2000e-004		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003		84.2063	84.2063	1.6100e-003	1.5400e-003	84.7067
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**9.0100e-003**	**0.0819**	**0.0688**	**4.9000e-004**		**6.2300e-003**	**6.2300e-003**		**6.2300e-003**	**6.2300e-003**		**98.3118**	**98.3118**	**1.8800e-003**	**1.8000e-003**	**98.8960**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Unmitigated	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6374					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.7500e-003	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Total	**0.7067**	**6.6000e-004**	**0.0734**	**1.0000e-005**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**		**0.1576**	**0.1576**	**4.1000e-004**		**0.1679**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6374					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.7500e-003	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Total	**0.7067**	**6.6000e-004**	**0.0734**	**1.0000e-005**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**		**0.1576**	**0.1576**	**4.1000e-004**		**0.1679**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Mile Square Park-Operations

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
General Office Building	4.00	1000sqft	0.09	4,000.00	0
Library	12.50	1000sqft	0.29	12,500.00	0
Parking Lot	610.00	Space	5.49	244,000.00	0
City Park	93.00	Acre	93.00	4,051,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainabiity Report.

Land Use - Visitor Center/Museum categorized as Library/Ranger Station-788 SF/Park Office-4000 SF

Vehicle Trips - Trip rates updated to result in same number of ADT from Traffic Study.

Energy Use -

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	702.44	534
tblVehicleTrips	ST_TR	22.75	3.78
tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	46.55	0.00
tblVehicleTrips	SU_TR	16.74	3.78
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	25.49	0.00
tblVehicleTrips	WD_TR	1.89	3.78
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	56.24	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Energy	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
Mobile	0.4055	2.0753	4.9126	0.0218	2.1504	0.0155	2.1658	0.5752	0.0144	0.5895		2,228.7815	2,228.7815	0.0969		2,231.2034
Total	**1.1212**	**2.1578**	**5.0548**	**0.0223**	**2.1504**	**0.0219**	**2.1723**	**0.5752**	**0.0208**	**0.5960**		**2,327.2510**	**2,327.2510**	**0.0992**	**1.8000e-003**	**2,330.2673**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Energy	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
Mobile	0.4055	2.0753	4.9126	0.0218	2.1504	0.0155	2.1658	0.5752	0.0144	0.5895		2,228.7815	2,228.7815	0.0969		2,231.2034
Total	**1.1212**	**2.1578**	**5.0548**	**0.0223**	**2.1504**	**0.0219**	**2.1723**	**0.5752**	**0.0208**	**0.5960**		**2,327.2510**	**2,327.2510**	**0.0992**	**1.8000e-003**	**2,330.2673**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4055	2.0753	4.9126	0.0218	2.1504	0.0155	2.1658	0.5752	0.0144	0.5895		2,228.7815	2,228.7815	0.0969		2,231.2034
Unmitigated	0.4055	2.0753	4.9126	0.0218	2.1504	0.0155	2.1658	0.5752	0.0144	0.5895		2,228.7815	2,228.7815	0.0969		2,231.2034

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	351.54	351.54	351.54	1,011,570	1,011,570
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	351.54	351.54	351.54	1,011,570	1,011,570

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
General Office Building	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Library	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Parking Lot	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960
NaturalGas Unmitigated	9.0100e-003	0.0819	0.0688	4.9000e-004		6.2300e-003	6.2300e-003		6.2300e-003	6.2300e-003		98.3118	98.3118	1.8800e-003	1.8000e-003	98.8960

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	100.164	1.0800e-003	9.8200e-003	8.2500e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7841	11.7841	2.3000e-004	2.2000e-004	11.8541
General Office Building	19.7324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
Library	715.753	7.7200e-003	0.0702	0.0589	4.2000e-004		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003		84.2063	84.2063	1.6100e-003	1.5400e-003	84.7067
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**9.0100e-003**	**0.0819**	**0.0688**	**4.9000e-004**		**6.2300e-003**	**6.2300e-003**		**6.2300e-003**	**6.2300e-003**		**98.3118**	**98.3118**	**1.8800e-003**	**1.8000e-003**	**98.8960**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	0.0197324	2.1000e-004	1.9300e-003	1.6300e-003	1.0000e-005		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004		2.3215	2.3215	4.0000e-005	4.0000e-005	2.3353
General Office Building	0.100164	1.0800e-003	9.8200e-003	8.2500e-003	6.0000e-005		7.5000e-004	7.5000e-004		7.5000e-004	7.5000e-004		11.7841	11.7841	2.3000e-004	2.2000e-004	11.8541
Library	0.715753	7.7200e-003	0.0702	0.0589	4.2000e-004		5.3300e-003	5.3300e-003		5.3300e-003	5.3300e-003		84.2063	84.2063	1.6100e-003	1.5400e-003	84.7067
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**9.0100e-003**	**0.0819**	**0.0688**	**4.9000e-004**		**6.2300e-003**	**6.2300e-003**		**6.2300e-003**	**6.2300e-003**		**98.3118**	**98.3118**	**1.8800e-003**	**1.8000e-003**	**98.8960**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Unmitigated	0.7067	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6374					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.7500e-003	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Total	**0.7067**	**6.6000e-004**	**0.0734**	**1.0000e-005**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**		**0.1576**	**0.1576**	**4.1000e-004**		**0.1679**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0625					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.6374					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	6.7500e-003	6.6000e-004	0.0734	1.0000e-005		2.6000e-004	2.6000e-004		2.6000e-004	2.6000e-004		0.1576	0.1576	4.1000e-004		0.1679
Total	**0.7067**	**6.6000e-004**	**0.0734**	**1.0000e-005**		**2.6000e-004**	**2.6000e-004**		**2.6000e-004**	**2.6000e-004**		**0.1576**	**0.1576**	**4.1000e-004**		**0.1679**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Operations

	Receptor at 50 meters
	Acres
Pollutant	**5**
NOX	**167**
CO	**1,734**
PM10	**10**
PM2.5	**3**

Source Receptor Area: 17, Central Orange County
5-acre site, 50 meter receptor distance

Project Operations GHG Summary

Source Category	$MTCO_2e$/year
Area	0.02
Electricity[1]	411.06
Natural Gas	16.37
Mobile	373.92
Waste	12.05
Water	308.29
Construction	411.56
Project Emissions	**1,533.27**
Existing Emissions	1,010.89
Net Project Emissions	**522.38**

1) Includes GHG emissions for park lighting. GHG emissions from park lighting was estimated for a 93-acre parking lot using CalEEMod.

Mile Square Park-Operations

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	0.79	1000sqft	0.02	788.00	0
General Office Building	4.00	1000sqft	0.09	4,000.00	0
Library	12.50	1000sqft	0.29	12,500.00	0
Parking Lot	610.00	Space	5.49	244,000.00	0
City Park	93.00	Acre	93.00	4,051,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	534	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainabiity Report.

Land Use - Visitor Center/Museum categorized as Library/Ranger Station-788 SF/Park Office-4000 SF

Vehicle Trips - Trip rates updated to result in same number of ADT from Traffic Study.

Energy Use -

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tblVehicleTrips	ST_TR	2.46	0.00
tblVehicleTrips	ST_TR	46.55	0.00
tblVehicleTrips	SU_TR	16.74	3.78
tblVehicleTrips	SU_TR	1.05	0.00
tblVehicleTrips	SU_TR	25.49	0.00
tblVehicleTrips	WD_TR	1.89	3.78
tblVehicleTrips	WD_TR	11.03	0.00
tblVehicleTrips	WD_TR	56.24	0.00

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1286	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190
Energy	1.6400e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	78.7712	78.7712	3.7100e-003	1.0000e-003	79.1620
Mobile	0.0722	0.3837	0.9076	4.0200e-003	0.3843	2.8000e-003	0.3871	0.1029	2.6000e-003	0.1055	0.0000	373.5241	373.5241	0.0159	0.0000	373.9204
Waste						0.0000	0.0000		0.0000	0.0000	4.8637	0.0000	4.8637	0.2874	0.0000	12.0495
Water						0.0000	0.0000		0.0000	0.0000	0.3942	305.1577	305.5519	0.0571	4.3800e-003	308.2850
Total	**0.2024**	**0.3987**	**0.9293**	**4.1100e-003**	**0.3843**	**3.9700e-003**	**0.3882**	**0.1029**	**3.7700e-003**	**0.1067**	**5.2578**	**757.4709**	**762.7287**	**0.3641**	**5.3800e-003**	**773.4360**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1286	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190
Energy	1.6400e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	78.7712	78.7712	3.7100e-003	1.0000e-003	79.1620
Mobile	0.0722	0.3837	0.9076	4.0200e-003	0.3843	2.8000e-003	0.3871	0.1029	2.6000e-003	0.1055	0.0000	373.5241	373.5241	0.0159	0.0000	373.9204
Waste						0.0000	0.0000		0.0000	0.0000	4.8637	0.0000	4.8637	0.2874	0.0000	12.0495
Water						0.0000	0.0000		0.0000	0.0000	0.3942	305.1577	305.5519	0.0571	4.3800e-003	308.2850
Total	**0.2024**	**0.3987**	**0.9293**	**4.1100e-003**	**0.3843**	**3.9700e-003**	**0.3882**	**0.1029**	**3.7700e-003**	**0.1067**	**5.2578**	**757.4709**	**762.7287**	**0.3641**	**5.3800e-003**	**773.4360**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0722	0.3837	0.9076	4.0200e-003	0.3843	2.8000e-003	0.3871	0.1029	2.6000e-003	0.1055	0.0000	373.5241	373.5241	0.0159	0.0000	373.9204
Unmitigated	0.0722	0.3837	0.9076	4.0200e-003	0.3843	2.8000e-003	0.3871	0.1029	2.6000e-003	0.1055	0.0000	373.5241	373.5241	0.0159	0.0000	373.9204

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
City Park	351.54	351.54	351.54	1,011,570	1,011,570
General Office Building	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
Library	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	351.54	351.54	351.54	1,011,570	1,011,570

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
City Park	16.60	8.40	6.90	33.00	48.00	19.00	66	28	6
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Library	16.60	8.40	6.90	52.00	43.00	5.00	44	44	12
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
City Park	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
General Office Building	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793
Library	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

Parking Lot	0.551818	0.041822	0.205486	0.112756	0.013477	0.005761	0.022081	0.036620	0.002163	0.001593	0.004915	0.000716	0.000793

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	62.4945	62.4945	3.3900e-003	7.0000e-004	62.7886
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	62.4945	62.4945	3.3900e-003	7.0000e-004	62.7886
NaturalGas Mitigated	1.6400e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.2766	16.2766	3.1000e-004	3.0000e-004	16.3733
NaturalGas Unmitigated	1.6400e-003	0.0150	0.0126	9.0000e-005		1.1400e-003	1.1400e-003		1.1400e-003	1.1400e-003	0.0000	16.2766	16.2766	3.1000e-004	3.0000e-004	16.3733

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	36560	2.0000e-004	1.7900e-003	1.5100e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9510	1.9510	4.0000e-005	4.0000e-005	1.9626
General Office Building	7202.32	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866
Library	261250	1.4100e-003	0.0128	0.0108	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	13.9413	13.9413	2.7000e-004	2.6000e-004	14.0241
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.6500e-003**	**0.0150**	**0.0126**	**9.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**	**0.0000**	**16.2766**	**16.2766**	**3.2000e-004**	**3.1000e-004**	**16.3733**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
City Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	36560	2.0000e-004	1.7900e-003	1.5100e-003	1.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	1.9510	1.9510	4.0000e-005	4.0000e-005	1.9626
General Office Building	7202.32	4.0000e-005	3.5000e-004	3.0000e-004	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.3843	0.3843	1.0000e-005	1.0000e-005	0.3866
Library	261250	1.4100e-003	0.0128	0.0108	8.0000e-005		9.7000e-004	9.7000e-004		9.7000e-004	9.7000e-004	0.0000	13.9413	13.9413	2.7000e-004	2.6000e-004	14.0241
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**1.6500e-003**	**0.0150**	**0.0126**	**9.0000e-005**		**1.1400e-003**	**1.1400e-003**		**1.1400e-003**	**1.1400e-003**	**0.0000**	**16.2766**	**16.2766**	**3.2000e-004**	**3.1000e-004**	**16.3733**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	11024.1	2.6702	1.5000e-004	3.0000e-005	2.6828
General Office Building	55960	13.5545	7.4000e-004	1.5000e-004	13.6183
Library	105625	25.5843	1.3900e-003	2.9000e-004	25.7047
Parking Lot	85400	20.6855	1.1200e-003	2.3000e-004	20.7828
Total		**62.4945**	**3.4000e-003**	**7.0000e-004**	**62.7886**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
City Park	0	0.0000	0.0000	0.0000	0.0000
General Office Building	11024.1	2.6702	1.5000e-004	3.0000e-005	2.6828
General Office Building	55960	13.5545	7.4000e-004	1.5000e-004	13.6183
Library	105625	25.5843	1.3900e-003	2.9000e-004	25.7047
Parking Lot	85400	20.6855	1.1200e-003	2.3000e-004	20.7828
Total		**62.4945**	**3.4000e-003**	**7.0000e-004**	**62.7886**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1286	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190
Unmitigated	0.1286	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0114					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.4000e-004	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190
Total	**0.1286**	**8.0000e-005**	**9.1700e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0179**	**0.0179**	**5.0000e-005**	**0.0000**	**0.0190**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0114					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.4000e-004	8.0000e-005	9.1700e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0179	0.0179	5.0000e-005	0.0000	0.0190
Total	**0.1286**	**8.0000e-005**	**9.1700e-003**	**0.0000**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**0.0000**	**0.0179**	**0.0179**	**5.0000e-005**	**0.0000**	**0.0190**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	305.5519	0.0571	4.3800e-003	308.2850
Unmitigated	305.5519	0.0571	4.3800e-003	308.2850

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 110.808	298.1888	0.0162	3.3500e-003	299.5920
General Office Building	0.851345 / 0.521792	4.3593	0.0280	7.0000e-004	5.2673
Library	0.391111 / 0.611738	3.0038	0.0129	3.3000e-004	3.4257
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**305.5519**	**0.0571**	**4.3800e-003**	**308.2850**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
City Park	0 / 110.808	298.1888	0.0162	3.3500e-003	299.5920
General Office Building	0.851345 / 0.521792	4.3593	0.0280	7.0000e-004	5.2673
Library	0.391111 / 0.611738	3.0038	0.0129	3.3000e-004	3.4257
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**305.5519**	**0.0571**	**4.3800e-003**	**308.2850**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.8637	0.2874	0.0000	12.0495
Unmitigated	4.8637	0.2874	0.0000	12.0495

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	8	1.6239	0.0960	0.0000	4.0232
General Office Building	4.45	0.9033	0.0534	0.0000	2.2379
Library	11.51	2.3364	0.1381	0.0000	5.7884
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**4.8637**	**0.2874**	**0.0000**	**12.0495**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
City Park	8	1.6239	0.0960	0.0000	4.0232
General Office Building	4.45	0.9033	0.0534	0.0000	2.2379
Library	11.51	2.3364	0.1381	0.0000	5.7884
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**4.8637**	**0.2874**	**0.0000**	**12.0495**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

MISQ Park Lighting

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	93.00	Acre	93.00	4,051,080.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	539	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - CO2 Intensity Factor based on SCE's 2019 International Sustainability Report

Land Use - Parking Lot used to represent lighting requirements for Park

Energy Use - Lighting only for park

Water And Wastewater - Lighitng only for park

Solid Waste - Lighting only for park

Table Name	Column Name	Default Value	New Value
tblProjectCharacteristics	CO2IntensityFactor	702.44	539

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	346.6517	346.6517	0.0187	3.8600e-003	348.2679
Total	**0.3183**	**1.0000e-005**	**1.1800e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**346.6540**	**346.6540**	**0.0187**	**3.8600e-003**	**348.2704**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	346.6517	346.6517	0.0187	3.8600e-003	348.2679
Total	**0.3183**	**1.0000e-005**	**1.1800e-003**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**346.6540**	**346.6540**	**0.0187**	**3.8600e-003**	**348.2704**

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.6517	346.6517	0.0187	3.8600e-003	348.2679
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	346.6517	346.6517	0.0187	3.8600e-003	348.2679
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	1.41788e+006	346.6517	0.0187	3.8600e-003	348.2679
Total		**346.6517**	**0.0187**	**3.8600e-003**	**348.2679**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	1.41788e+006	346.6517	0.0187	3.8600e-003	348.2679
Total		**346.6517**	**0.0187**	**3.8600e-003**	**348.2679**

Euclid St at Heil Ave Intersection Volume

Movement	Existing Plus Project PM Peak Hour Volumes
NBR	14
NBT	968
NBL	68
EBR	246
EBL	149
NBR	113
NBT	2,026
NBL	34
WBR	8
WBL	20
Peak Hour Total	**3,646**
Average Daily	**36,460**

Peak hour represents 10 percent of daily volume.

Construction Energy Consumption

PROJECT Fuel Consumption Summary

Source Category	Fuel Consumption (gal)	
	Diesel	Gasoline
Offroad Equipment	336,407	
Haul Trucks	2,414	
Vendor Trucks	415,860	
Workers		592,440
Total Fuel Consumption	**754,681**	**592,440**

Construction Duration (years)	10
Average Annual Diesel	**75,821.23**
Average Annual Gasoline	**59,521.25**

Orange County Fuel Consumption (2019) [1]

Source	Fuel Type	Gallons (Retail + Non-Retail	Percent of Project Compared to County
Workers	Gas	1,325,000,000	0.004%
Off-Road/Haul & Vendor Trucks	Diesel	116,666,667	0.065%

Notes:

1. California Energy Commission, California Annual Retail Fuel Outlet Report Results (CEC-A15), 2010-2019
https://www.energy.ca.gov/sites/default/files/2020-10/2010-2019%20CEC-A15%20Results%20and%20Analysis.xlsx
Accessed November 2020. Diesel is adjusted to account for retail (48%) and non-retail (52%) diesel sales

Off-Road Equipment

Fuel Consumption: Equipment ≤ 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.408
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0574
Total HP-HR <100	4,190,617
Total Diesel Fuel (gal)	**240,508**

Fuel Consumption: Equipment > 100HP	Value
Brake Specific Fuel Consumption Factor (lb/hp-hr)[1]	0.367
Fuel Density (lb/gal)[1]	7.11
Consumption Factor (gal/hp-hr)	0.0516
Total HP-HR >100	1,857,613
Total Diesel Fuel (gal)	**95,899**

Total diesel gallons (off-road equipment): 336,407

Phase Name	Equipment	# of Equipment	Hours/Day	HP	Load Factor	Days	Total HP-HR
Phase 1-Demolition	Concrete/Industrial Saws	1	8	81	0.73	20	9,460.80
Phase 1-Demolition	Excavators	3	8	158	0.38	20	28,819.20
Phase 1-Demolition	Rubber Tired Dozers	2	8	247	0.4	20	31,616.00
Phase 1-Site Preparation	Rubber Tired Dozers	3	8	247	0.4	15	35,568.00
Phase 1-Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	15	17,227.20
Phase 1-Construction	Cranes	1	7	231	0.29	306	143,492.58
Phase 1-Construction	Forklifts	3	8	89	0.2	306	130,723.20
Phase 1-Construction	Generator Sets	1	8	84	0.74	306	152,167.68
Phase 1-Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	306	230,629.14
Phase 1-Construction	Welders	1	8	46	0.45	306	50,673.60
Phase 2A/2B-Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14,191.20
Phase 2A/2B-Demolition	Excavators	3	8	158	0.38	30	43,228.80
Phase 2A/2B-Demolition	Rubber Tired Dozers	2	8	247	0.4	30	47,424.00
Phase 2A/2B-Site Preparation	Rubber Tired Dozers	3	8	247	0.4	25	59,280.00
Phase 2A/2B-Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	25	28,712.00

Phase Name	Equipment	# of Equipment	Hours/Day	HP	Load Factor	Days	Total HP-HR
Phase 2A/2B-Construction	Cranes	1	7	231	0.29	504	236,340.72
Phase 2A/2B-Construction	Forklifts	3	8	89	0.2	504	215,308.80
Phase 2A/2B-Construction	Generator Sets	1	8	84	0.74	504	250,629.12
Phase 2A/2B-Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	504	379,859.76
Phase 2A/2B-Construction	Welders	1	8	46	0.45	504	83,462.40
Phase 2A/2B-Paving	Pavers	2	8	130	0.42	40	34,944.00
Phase 2A/2B-Paving	Paving Equipment	2	8	132	0.36	40	30,412.80
Phase 2A/2B-Paving	Rollers	2	8	80	0.38	40	19,456.00
Phase 2A/2B-Architectural Coating	Air Compressors	1	6	78	0.48	38	8,536.32
Phase 3-Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14,191.20
Phase 3-Demolition	Excavators	3	8	158	0.38	30	43,228.80
Phase 3-Demolition	Rubber Tired Dozers	2	8	247	0.4	30	47,424.00
Phase 3-Site Preparation	Rubber Tired Dozers	3	8	247	0.4	25	59,280.00
Phase 3-Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	25	28,712.00
Phase 3-Construction	Cranes	1	7	231	0.29	503	235,871.79
Phase 3-Construction	Forklifts	3	8	89	0.2	503	214,881.60
Phase 3-Construction	Generator Sets	1	8	84	0.74	503	250,131.84
Phase 3-Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	503	379,106.07
Phase 3-Construction	Welders	1	8	46	0.45	503	83,296.80
Phase 3-Paving	Pavers	2	8	130	0.42	38	33,196.80
Phase 3-Paving	Paving Equipment	2	8	132	0.36	38	28,892.16
Phase 3-Paving	Rollers	2	8	80	0.38	38	18,483.20
Phase 3-Architectural Coating	Air Compressors	1	6	78	0.48	38	8,536.32
Phase 4-Demolition	Concrete/Industrial Saws	1	8	81	0.73	20	9,460.80
Phase 4-Demolition	Excavators	3	8	158	0.38	20	28,819.20
Phase 4-Demolition	Rubber Tired Dozers	2	8	247	0.4	20	31,616.00
Phase 4-Site Preparation	Rubber Tired Dozers	3	8	247	0.4	13	30,825.60
Phase 4-Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	13	14,930.24
Phase 4-Construction	Cranes	1	7	231	0.29	306	143,492.58
Phase 4-Construction	Forklifts	3	8	89	0.2	306	130,723.20
Phase 4-Construction	Generator Sets	1	8	84	0.74	306	152,167.68
Phase 4-Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	306	230,629.14
Phase 4-Construction	Welders	1	8	46	0.45	306	50,673.60

Phase Name	Equipment	# of Equipment	Hours/Day	HP	Load Factor	Days	Total HP-HR
Phase 4-Paving	Pavers	2	8	130	0.42	22	19,219.20
Phase 4-Paving	Paving Equipment	2	8	132	0.36	22	16,727.04
Phase 4-Paving	Rollers	2	8	80	0.38	22	10,700.80
Phase 4-Architectural Coating	Air Compressors	1	6	78	0.48	25	5,616.00
Phase 5-Demolition	Concrete/Industrial Saws	1	8	81	0.73	30	14,191.20
Phase 5-Demolition	Excavators	3	8	158	0.38	30	43,228.80
Phase 5-Demolition	Rubber Tired Dozers	2	8	247	0.4	30	47,424.00
Phase 5-Site Preparation	Rubber Tired Dozers	3	8	247	0.4	25	59,280.00
Phase 5-Site Preparation	Tractors/Loaders/Backhoes	4	8	97	0.37	25	28,712.00
Phase 5-Construction	Cranes	1	7	231	0.29	503	235,871.79
Phase 5-Construction	Forklifts	3	8	89	0.2	503	214,881.60
Phase 5-Construction	Generator Sets	1	8	84	0.74	503	250,131.84
Phase 5-Construction	Tractors/Loaders/Backhoes	3	7	97	0.37	503	379,106.07
Phase 5-Construction	Welders	1	8	46	0.45	503	83,296.80
Phase 5-Paving	Pavers	2	8	130	0.42	38	33,196.80
Phase 5-Paving	Paving Equipment	2	8	132	0.36	38	28,892.16
Phase 5-Paving	Rollers	2	8	80	0.38	38	18,483.20
Phase 5-Architectural Coating	Air Compressors	1	6	78	0.48	38	8,536.32
						Total >100HP	1,857,612.82
						Total <100HP	4,190,616.74

Notes:

1. CARB, 2017 Off-road Diesel Emission Factors
https://ww3.arb.ca.gov/msei/ordiesel/ordas_ef_fcf_2017_v7.xlsx

Haul Trucks

Onroad Travel Consumption	Value
EMFAC2017 Diesel Fuel Consumption Factor (gal/mi):[1]	0.1523
Total VMT (mi):	15,800
Total diesel gallons	**2,407**
Idling Consumption	**Value**
Idling Fuel Consumption Factor (gal/hr):[2]	0.6400
Total Idle-Hours per Year:	33
Total diesel gallons	**8**

Total diesel gallons: 2,414

Phase	Total Truck Trips	Trip Length (miles)	Vehicle Category	VMT	Idle Hours
Phase 1-Demolition	36	20	HHDT	720	3
Phase 1-Site Preparation	0	20	HHDT	0	0
Phase 1-Construction	0	20	HHDT	0	0
Phase 2A/2B-Demolition	440	20	HHDT	8,800	37
Phase 2A/2B-Site Preparation	0	20	HHDT	0	0
Phase 2A/2B-Construction	0	20	HHDT	0	0
Phase 2A/2B-Paving	0	20	HHDT	0	0
Phase 2A/2B-Architectural Coating	0	20	HHDT	0	0
Phase 3-Demolition	130	20	HHDT	2,600	11
Phase 3-Site Preparation	0	20	HHDT	0	0
Phase 3-Construction	0	20	HHDT	0	0
Phase 3-Paving	0	20	HHDT	0	0
Phase 3-Architectural Coating	0	20	HHDT	0	0
Phase 4-Demolition	72	20	HHDT	1,440	6
Phase 4-Site Preparation	0	20	HHDT	0	0
Phase 4-Construction	0	20	HHDT	0	0
Phase 4-Paving	0	20	HHDT	0	0
Phase 4-Architectural Coating	0	20	HHDT	0	0
Phase 5-Demolition	112	20	HHDT	2,240	9
Phase 5-Site Preparation	0	20	HHDT	0	0
Phase 5-Construction	0	20	HHDT	0	0
Phase 5-Paving	0	20	HHDT	0	0
Phase 5-Architectural Coating	0	20	HHDT	0	0
			Total VMT:	**15,800**	
			Total Idle-Hours:		**33**

1. CARB, EMFAC2017 (SCAQMD; HHDT; Annual; CY 2021; Aggregate MY; Aggregate Speed,DSL)
2. Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Vendor Trucks

Onroad Travel Consumption	Value
EMFAC2017 Diesel Fuel Consumption Factor (gal/mi):[1]	0.1315
Total VMT (mi):	3,128,294
Total diesel gallons	**411,507**
Idling Consumption	**Value**
Idling Fuel Consumption Factor (gal/hr):[2]	0.6400
Total Idle-Hours per Year:	18,891
Total diesel gallons	**4,352**

Total diesel gallons: 415,860

Phase	Days/year	Truck Trips per Day (In/Out)	Trip Length (miles)	Vehicle Category	VMT	Idle Hours
Phase 1-Demolition	20	8	6.9	HHDT/MHDT	1,104	13
Phase 1-Site Preparation	15	8	6.9	HHDT/MHDT	828	10
Phase 1-Construction	306	116	6.9	HHDT/MHDT	244,922	2,958
Phase 2A/2B-Demolition	30	8	6.9	HHDT/MHDT	1,656	20
Phase 2A/2B-Site Preparation	25	8	6.9	HHDT/MHDT	1,380	17
Phase 2A/2B-Construction	504	252	6.9	HHDT/MHDT	876,355	10,584
Phase 2A/2B-Paving	40	0	6.9	HHDT/MHDT	0	0
Phase 2A/2B-Architectural Coating	38	0	6.9	HHDT/MHDT	0	0
Phase 3-Demolition	30	8	6.9	HHDT/MHDT	1,656	20
Phase 3-Site Preparation	25	8	6.9	HHDT/MHDT	1,380	17
Phase 3-Construction	503	252	6.9	HHDT/MHDT	874,616	10,563
Phase 3-Paving	38	0	6.9	HHDT/MHDT	0	0
Phase 3-Architectural Coating	38	0	6.9	HHDT/MHDT	0	0
Phase 4-Demolition	20	8	6.9	HHDT/MHDT	1,104	13
Phase 4-Site Preparation	13	8	6.9	HHDT/MHDT	718	9
Phase 4-Construction	306	116	6.9	HHDT/MHDT	244,922	2,958
Phase 4-Paving	22	0	6.9	HHDT/MHDT	0	0
Phase 4-Architectural Coating	25	0	6.9	HHDT/MHDT	0	0
Phase 5-Demolition	30	8	6.9	HHDT/MHDT	1,656	20
Phase 5-Site Preparation	25	8	6.9	HHDT/MHDT	1,380	17
Phase 5-Construction	503	252	6.9	HHDT/MHDT	874,616	10,563
Phase 5-Paving	38	0	6.9	HHDT/MHDT	0	0
Phase 5-Architectural Coating	38	0	6.9	HHDT/MHDT	0	0
				Total VMT:	**3,128,294**	
				Total Idle-Hours:		**18,891**

1. CARB, EMFAC2017 (SCAQMD; MHDT/HHDT; Annual; CY 2021; Aggregate MY; Aggregate Speed,DSL)
2. Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Workers

Onroad Travel Consumption	Value
EMFAC2017 Gasoline Fuel Consumption Factor (gal/mi):[1]	0.0357
Total VMT (mi):	16,590,214
Total gasoline gallons	**592,440**

Phase	Days/year	Vehicle Trips per day (In/Out)	Trip Length (miles)	Vehicle Category	VMT
Phase 1-Demolition	20	16	14.7	LD Fleet Mix	4,704
Phase 1-Site Preparation	15	18	14.7	LD Fleet Mix	3,969
Phase 1-Construction	306	274	14.7	LD Fleet Mix	1,232,507
Phase 2A/2B-Demolition	30	16	14.7	LD Fleet Mix	7,056
Phase 2A/2B-Site Preparation	25	18	14.7	LD Fleet Mix	6,615
Phase 2A/2B-Construction	504	622	14.7	LD Fleet Mix	4,608,274
Phase 2A/2B-Paving	40	16	14.7	LD Fleet Mix	9,408
Phase 2A/2B-Architectural Coating	38	124	14.7	LD Fleet Mix	69,266
Phase 3-Demolition	30	16	14.7	LD Fleet Mix	7,056
Phase 3-Site Preparation	25	18	14.7	LD Fleet Mix	6,615
Phase 3-Construction	503	622	14.7	LD Fleet Mix	4,599,130
Phase 3-Paving	38	16	14.7	LD Fleet Mix	8,938
Phase 3-Architectural Coating	38	124	14.7	LD Fleet Mix	69,266
Phase 4-Demolition	20	16	14.7	LD Fleet Mix	4,704
Phase 4-Site Preparation	13	18	14.7	LD Fleet Mix	3,440
Phase 4-Construction	306	274	14.7	LD Fleet Mix	1,232,507
Phase 4-Paving	22	16	14.7	LD Fleet Mix	5,174
Phase 4-Architectural Coating	25	56	14.7	LD Fleet Mix	20,580
Phase 5-Demolition	30	16	14.7	LD Fleet Mix	7,056
Phase 5-Site Preparation	25	18	14.7	LD Fleet Mix	6,615
Phase 5-Construction	503	622	14.7	LD Fleet Mix	4,599,130
Phase 5-Paving	38	16	14.7	LD Fleet Mix	8,938
Phase 5-Architectural Coating	38	124	14.7	LD Fleet Mix	69,266
				Total VMT:	**16,590,214**

1. CARB, EMFAC2017 (SCAQMD; LD Mix; Annual; CY 2021; Aggregate MY; Aggregate Speed,GAS)
2. Department of Energy, Fact #861, 2015 Idle Fuel Consumption for Selected Gasoline and Diesel Vehicles, February 23, 2015. https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles

Existing Site Energy Consumption

Operations Energy Consumption Summary

Transportation Fuel

Fuel Type	Gallons/Year
GAS	50,619
DSL	10,333

Fuel Type	Gallons (Retail + Non-Retail	Percent of Project Compared to County
Gas	1,325,000,000	0.004%
Diesel	116,666,667	0.009%

Electricity

Comparison	GWh/year
SCE 2019 Electricity Sales1	84,654.00
Existing Electricity	3.92

Natural Gas

Comparison	MMscf/year
SoCalGas 2019 Natural Gas Sales2	876,000.00
Existing Natural Gas	0.01

Fuel Consumption

					Annual Miles			
					1,331,835.48			
	Gal/mi		Fuel Distribution			Miles/Vehicle	Gallons of Fuel	
Vehicle Category	DSL	GAS	DSL	GAS	CalEEMod Fleet Mix	Category	DSL	GAS
HHDT	0.155189	0.254783	99.9%	0.1%	3.27%	43,488.42	6,744.88	6.63
LDA	0.021594	0.03411	0.8%	99.2%	54.78%	729,616.76	130.35	24,681.36
LDT1	0.045211	0.03968	0.0%	100.0%	4.36%	58,127.96	1.06	2,305.57
LDT2	0.029652	0.04342	0.6%	99.4%	19.99%	266,223.26	47.92	11,489.13
LHDT1	0.047705	0.096685	40.4%	59.6%	1.68%	22,340.21	430.70	1,287.06
LHDT2	0.052754	0.111007	61.7%	38.3%	0.59%	7,807.22	254.12	331.93
MCY	0	0.027391	0.0%	100.0%	0.48%	6,362.18	0.00	174.27
MDV	0.038633	0.05315	2.0%	98.0%	12.23%	162,870.16	126.71	8,482.23
MH	0.096499	0.199426	25.8%	74.2%	0.10%	1,273.23	31.65	188.51
MHDT	0.098523	0.201863	84.5%	15.5%	2.06%	27,485.09	2,289.29	857.72
OBUS	0.124132	0.203298	54.1%	45.9%	0.20%	2,712.95	182.17	253.18
SBUS	0.134259	0.111542	67.9%	32.1%	0.07%	938.94	85.64	33.58
UBUS	0.158085	0.208206	2.1%	97.9%	0.19%	2,589.09	8.53	527.83
						1,331,835.48	**10,333.02**	**50,619.00**

*Annual miles from CalEEMod Annual Operations output

Utility Consumption

Electricity

Land Use	kWh/year	GWh/year
General Office Building	11,024	0.011
Golf Course	0	0.000
0	0	0.000
0	0	0.000
0	0	0.000
Total	**11,024**	**0.011**

Comparison	GWh/year
SCE 2019 Electricity Sales[1]	84,654.00
Existing Electricity	3.92

Water	Mgal/yr
General Office Building	0.226
Golf Course	149.721
0.00	149.947
0.00	-
Total	**299.895**

Electricity Intensity Factors	kWh/Mgal
Electricity Factor - Supply	9,727
Electricity Factor - Treat	111
Electricity Factor - Distribute	1,272
Electricity Factor - Wastewater Treatment	1,911

Electricity from Water Demand	kWh/yr	GWh/yr
Total	**3,904,932**	**3.905**

Source: California Air Resources Board, CalEEMod, Version 2016.3.2.

Natural Gas

Land Use	kBTU/year	MMscf/year
General Office Building	7202.32	0.01
Golf Course	0	0.00
0	0	0.00
0	0	0.00
		0.00
Total	**0**	**0.007**

Comparison	MMscf/year
SoCalGas 2019 Natural Gas Sales[2]	876,000.00
Existing Natural Gas	0.01

NG HHV (BTU/scf)[3] 1,020.00

Notes:

1 SCE Financial and Statistical Report
https://www.edison.com/content/dam/eix/documents/investors/sec-filings-financials/2019-financial-statistical-report.pdf
2 Sempra Energy 2019 Annual Report, SoCal Gas data on page 27 of PDF
https://www.sempra.com/sites/default/files/content/files/node-page/file-list/2020/sempra_energy_2019_annual_report.pdf
3 https://www.epa.gov/sites/production/files/2020-09/documents/1.4_natural_gas_combustion.pdf
4 Electricity and natural gas values from CalEEMod Output files

Project Operations Energy Consumption

Operations Energy Consumption Summary

Transportation Fuel

Fuel Type	Gallons/Year
GAS	-19,644
DSL	-2,944

Fuel Type	Gallons (Retail + Non-Retail	Percent of Project Compared to County
Gas	1,325,000,000	-0.001%
Diesel	116,666,667	-0.003%

Electricity

Comparison	GWh/year
SCE 2019 Electricity Sales1	84,654.00
Project Electricity	-0.77
Project % of Sales	-0.0009%

Natural Gas

Comparison	MMscf/year
SoCalGas 2019 Natural Gas Sales2	876,000.00
Project Natural Gas	0.29
Project % of Sales	0.00003%

Operations Energy Consumption

Scenario	Diesel (gal)	Gasoline (gal)	Electricity (GWh)	Natural Gas (MMscf)
Project	7,388.78	30,974.95	3.15	0.30
Existing	10,333.02	50,619.00	3.92	0.01
Net Total	**-2,944.24**	**-19,644.05**	**-0.77**	**0.29**

Fuel Consumption

					Annual Miles			
					1,011,570.45			
	Gal/mi		Fuel Distribution			Miles/Vehicle	Gallons of Fuel	
Vehicle Category	DSL	GAS	DSL	GAS	CalEEMod Fleet Mix	Category	DSL	GAS
HHDT	0.13001	0.213382	99.9%	0.1%	4%	37,043.71	4,812.83	5.27
LDA	0.018127	0.028383	1.1%	98.9%	55%	558,202.78	110.49	15,670.59
LDT1	0.039697	0.033408	0.0%	100.0%	4%	42,305.90	0.33	1,413.10
LDT2	0.024665	0.034423	0.9%	99.1%	21%	207,863.57	45.38	7,091.97
LHDT1	0.042843	0.08877	48.2%	51.8%	1%	13,632.94	281.25	627.44
LHDT2	0.047512	0.102267	68.1%	31.9%	1%	5,827.66	188.60	190.01
MCY	0	0.027681	0.0%	100.0%	0%	4,971.87	0.00	137.63
MDV	0.032079	0.042609	2.9%	97.1%	11%	114,060.64	107.80	4,716.82
MH	0.088856	0.179519	29.0%	71.0%	0%	802.18	20.64	102.30
MHDT	0.083795	0.1828	86.6%	13.4%	2%	22,336.49	1,621.15	546.56
OBUS	0.10638	0.182978	61.2%	38.8%	0%	2,188.03	142.39	155.44
SBUS	0.123321	0.104481	62.2%	37.8%	0%	724.28	55.56	28.60
UBUS	0.174542	0.180991	0.8%	99.2%	0%	1,611.43	2.35	289.21
					Project	1,011,571.47	7,388.78	30,974.95
					Existing	1,331,835.48	10,333.02	50,619.00
					Net Total	-320,264.01	-2,944.24	-19,644.05

*Annual miles from CalEEMod Annual Operations output

Utility Consumption

Electricity

Land Use	kWh/year	GWh/year
City Park	0	0.000
General Office Building	11,024	0.011
General Office Building	55,960	0.056
Library	105,625	0.106
Parking Lot	85,400	0.085
Park Lighting	1417880	1.418
Total	**1,675,889**	**1.676**

Comparison	GWh/year
SCE 2019 Electricity Sales[1]	84,654.00
Project Electricity	3.15
Existing Site Electricity	3.92
Project Net Electricity	-0.77
Project % of Sales	-0.0009%

Water	Mgal/yr
City Park	110.808
General Office Building	1.373
Library	1.003
Parking Lot	-
Total	**113.184**

Electricity Intensity Factors	kWh/Mgal
Electricity Factor - Supply	9,727
Electricity Factor - Treat	111
Electricity Factor - Distribute	1,272
Electricity Factor - Wastewater Treatment	1,911

Electricity from Water Demand	kWh/yr	GWh/yr
Total	**1,473,769**	**1.474**

Source: California Air Resources Board, CalEEMod, Version 2016.3.2.

Natural Gas

Land Use	kBTU/year	MMscf/year
City Park	0	0.00
General Office Building	36,560	0.04
General Office Building	7,202	0.01
Library	261,250	0.26
Parking Lot	0	0.00
Total	**305,012**	**0.299**

Comparison	MMscf/year
SoCalGas 2019 Natural Gas Sales[2]	876,000.00
Project Natural Gas	0.30
Existing Site Natural Gas	0.01
Project Net Natural Gas	0.29
Project % of Sales	0.00003%

NG HHV (BTU/scf)[3] 1,020.00

Notes:

1 SCE Financial and Statistical Report
https://www.edison.com/content/dam/eix/documents/investors/sec-filings-financials/2019-financial-statistical-report.pdf
2 Sempra Energy 2019 Annual Report, SoCal Gas data on page 27 of PDF
https://www.sempra.com/sites/default/files/content/files/node-page/file-list/2020/sempra_energy_2019_annual_report.pdf
3 https://www.epa.gov/sites/production/files/2020-09/documents/1.4_natural_gas_combustion.pdf
4 Electricity and natural gas values from CalEEMod Output files

Appendix C

Transportation Analysis Memorandum

February 25, 2021

Natalia Gaerlan, PLA, AICP.
Planning & Design Division, OC Parks
13042 Old Myford Road
Irvine, CA, 92602

Subject: *Transportation Analysis Memorandum for the Mile Square Park Expansion Project in the County of Orange*

Dear Ms. Gaerlan:

Kimley-Horn and Associates, Inc. has prepared a transportation analysis memorandum, per request from Orange County Public Works (OCPW), for the proposed Mile Square Park Expansion Project. The memorandum has been prepared to evaluate the VMT screening thresholds outlined in the County of Orange *Transportation Implementation Manual* (November 2020), and to conduct a focused Level of Service (LOS) analysis at the proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue.

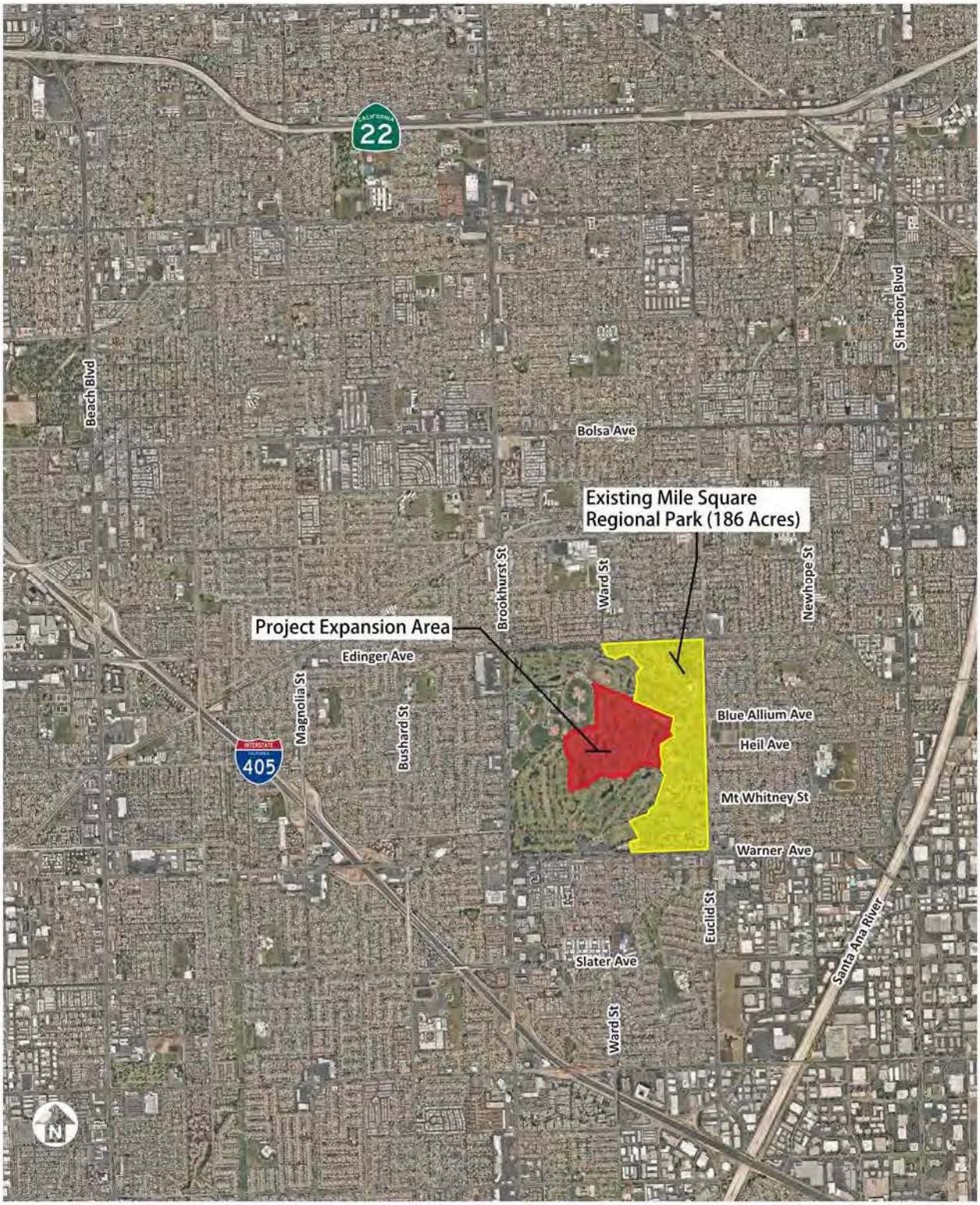
PROJECT DESCRIPTION

The project site is located within Mile Square Park, which is located within the block bounded by Warner Avenue, Brookhurst Street, Edinger Avenue, and Euclid Street. The project is located within 93 acres in the northern half of the park, directly east of the Fountain Valley Sports Park. The proposed project within its regional vicinity is shown on Figure 1. The project site is currently occupied by an eighteen-hole golf course. The project will involve the demolition of the existing golf course and development of additional park facilities, including a civic plaza, botanic garden, amphitheater, event space, and a visitor center. A copy of the project site plan is provided in *Appendix A*.

The proposed project would include circulation improvements to the existing 186-acres of Mile Square Regional Park, just east of the project site. Modifications to the existing pedestrian trail and bicycle network and the creation of new trails throughout the project site are proposed to enhance the experience of the park and improve circulation. A 20-foot-wide multiuse trail would be created along the perimeter of the Mile Square Golf Course parcel. With the addition of seven (7) parking lots, two (2) roadway parking areas, and an overflow parking area near the proposed Great Meadow, the proposed project would provide 1,675 additional onsite parking spaces to the 1,246 existing parking spaces, for a combined total of 2,728 parking spaces.

Vehicular access provisions for the project site would be provided via existing driveways on Edinger Avenue and Euclid Street, as well as a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue.

FIGURE 1



Regional Vicinity Map

TRIP GENERATION

Trip generation estimates for the existing Golf Course are based on the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Edition), average rates for Golf Course (ITE Land Use 430). The trip generation for proposed additional park facilities was estimated using Public Park (ITE Land Use 411), Soccer Complex (ITE Land Use 488), and Museum (ITE Land Use 580

The trip generation rates and resulting trip generation estimates for the proposed Mile Square Park Expansion project are summarized on Table 1. After applying existing trip credits, the project is estimated to generate approximately -196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour.

CEQA VEHICLE MILES TRAVELED (VMT) ASSESSMENT

Senate Bill 743 (SB 743) was approved by California legislature in September 2013. SB 743 requires changes to California Environmental Quality Act (CEQA), specifically directing the Governor's Office of Planning and Research (OPR) to develop alternative metrics to the use of vehicular "Level of Service" (LOS) for evaluating transportation projects. OPR has prepared a technical advisory ("OPR Technical Advisory") for evaluating transportation impacts in CEQA and has recommended that Vehicle Miles Traveled (VMT) replace LOS as the primary measure of transportation impacts. The Natural Resources Agency has adopted updates to CEQA Guidelines to incorporate SB 743 that requires VMT for the purposes of determining a significant transportation impact under CEQA.

The County of Orange *Transportation Implementation Manual* (November 2020) provides details on appropriate screening thresholds that can be used to identify when a proposed land use project is anticipated to result in a less than significant impact without conducting a more detailed level analysis. Screening thresholds are broken down into the following six criteria:

1. Project in High-Quality Transit Area (HQTA)
2. Neighborhood Retail Project
3. Affordable Housing Project
4. Low VMT Area Project
5. Small Project
6. Public Facilities

Land development projects that meet one or more of the above screening thresholds may be presumed to create a less than significant impact on transportation and circulation. The thresholds for Project in High Quality Transit Area (HQTA), Small Project, and Public Facilities were reviewed and evaluated for this project.

TABLE 1
SUMMARY OF PROJECT TRIP GENERATION
MILE SQUARE PARK EXPANSION

Land Use	ITE Code	Unit	Trip Generation Rates [1]						
			Weekday	AM Peak Hour			PM Peak Hour		
			Daily	In	Out	Total	In	Out	Total
Proposed									
Public Park	411	Acre	0.780	0.012	0.008	0.02	0.061	0.050	0.11
Soccer Complex	488	Field	71.330	0.604	0.386	0.99	10.844	5.586	16.43
Museum	580	KSF	*	0.241	0.039	0.28	0.029	0.151	0.18
Existing									
Golf Course	430	Hole	30.380	1.390	0.370	1.76	1.542	1.368	2.91

Land Use	Quantity	Unit	Trip Generation Estimates						
				AM Peak Hour			PM Peak Hour		
			Daily	In	Out	Total	In	Out	Total
Proposed									
Public Park	85.000	Acre	66	1	1	2	5	4	9
Soccer Complex	4	Field	285	2	2	4	43	22	65
Museum	12.500	KSF	*	3	0	3	0	2	2
Existing									
Golf Course	18	Hole	-547	-25	-7	-32	-28	-25	-53
Total Project Trips			-196	-19	-4	-23	20	3	23

[1] *Source:* Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition
* Trip generation rates not available

Project in High-Quality Transit Area (HQTA)

A project would be considered to have a less-than-significant transportation impact if the project is located within one-half mile of a Transit Priority Area (TPA) or HQTA. In accordance with SB 743, "Transit Priority Areas" are defined as "an area within one-half mile of a major transit stop that is existing or planned". A Major Transit Stop means: "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service of 15 minutes or less during the morning and afternoon peak commute periods." A figure depicting TPAs in unincorporated Orange County, including HQTA corridors served by the Orange County Transportation Authority (OCTA) with service intervals of 15 minutes or less, is included in the County's *Transportation Implementation Manual*, and is provided in *Appendix B*. Based on the figure, the proposed project would not be located within one-half mile of a TPA.

The Project in High-Quality Transit Area threshold is not met.

Small Project

A project would be considered to have a less than significant transportation impact if the project generates 500 or fewer average daily trips (ADT). Based on the project trip generation (see Table 1), the proposed project is estimated to generate 351 daily trips. After applying existing trip credits, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis. Based on the proposed project daily trip estimates, the project would generate less than 500 ADT.

The Small Project threshold is met.

Public Facilities

A project would be considered to have a less than significant transportation impact if the project proposes development of institutional/government and public service uses that supports community health, safety, or welfare. The following includes some examples and is not an exhaustive list of public facilities that are screened from subsequent CEQA VMT analysis: police/sheriff stations, fire stations, community centers, refuse stations, and landfills. These facilities are already part of the community and, as a public service, the VMT is accounted for in the existing regional average. While the project is a regional park, the project would serve visitors within Orange County; therefore, the project may be considered as a public facility that serves the community.

The Public Facilities screening may be met.

Based on review of the VMT screening thresholds, the project meets the Small Project screening thresholds; therefore, the project would result in a less-than-significant transportation impact, and no additional VMT analysis is required.

LEVEL OF SERVICE (LOS) ANALYSIS

As noted in the project description, the proposed project would include a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue. The County of Orange would need an encroachment permit from the City of Fountain Valley for this proposed driveway. As such, a focused traffic analysis has been prepared for the proposed driveway in accordance with the City of Fountain Valley *Transportation Impact Assessment Guidelines for Land Use Projects in CEQA and for General Plan Consistency* (June 2020).

Analysis Scenarios

Based on the project trip generation (see Table 1), the proposed project would only add net new trips during the weekday evening peak hour. Therefore, this traffic analysis will provide an evaluation of evening peak hour operations for the following scenarios:

- Existing Conditions
- Existing Plus Project

The following study intersection is included in the analysis:

1. Euclid Street at Heil Avenue

Trip Generation

As noted in Table 1 (previously mentioned), the project is estimated to generate 351 trips on a daily basis, 9 total trips in the AM peak hour, and 76 total trips in the PM peak hour. Compared to the existing use, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour. The LOS analysis assumes the total project trips during the PM peak hour are added to the proposed signalized driveway intersection.

Volume Forecast Development

Existing Conditions

Due to the current school and business closures amid the COVID-19 pandemic, historical traffic counts were used at the study intersection. An ambient growth rate of one percent (1%) per year was applied to the historical traffic counts to develop existing 2021 volumes. Peak hour intersection traffic count worksheets are provided in *Appendix C*.

Existing Plus Project

Project trips, as mentioned in the "Trip Generation" section, were distributed at the proposed driveway (30% north / 70% south) and were added to the Existing Conditions baseline volumes to develop Existing Plus Project volumes. The Existing and Existing Plus Project peak hour volumes, as well as the existing and proposed lane configuration, are shown on Figure 2.

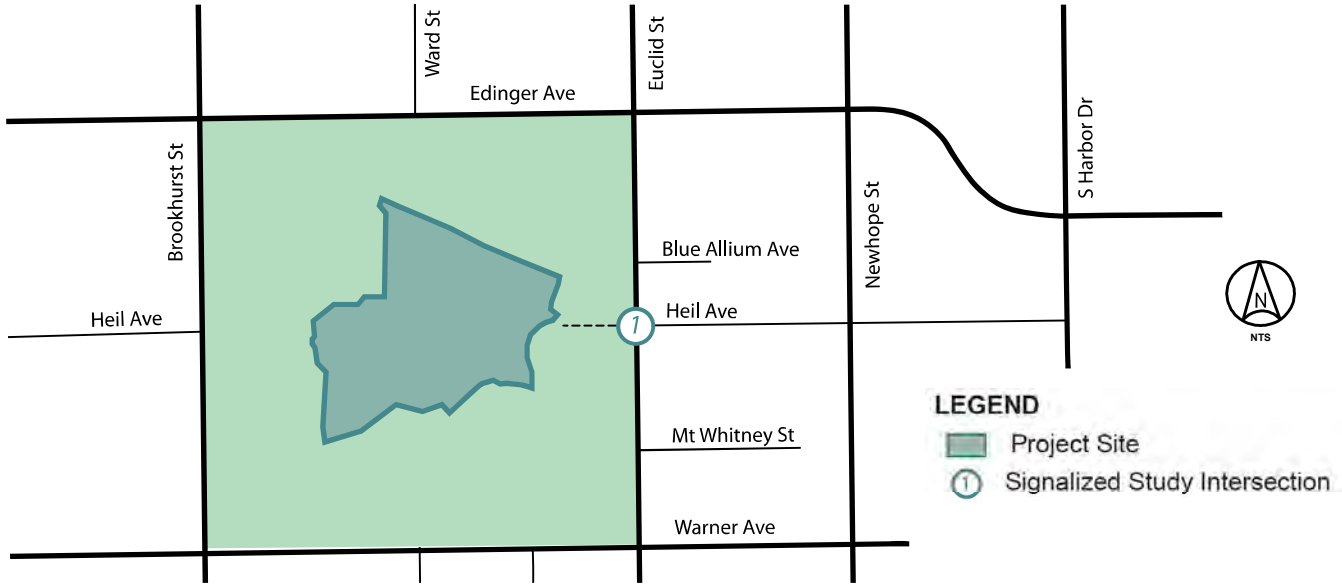
Intersection Level of Service (LOS) – ICU Methodology

Peak hour intersection operations were evaluated using the Intersection Capacity Utilization (ICU) methodology, which provides a comparison of the theoretical hourly vehicular capacity of an intersection to the number of vehicles actually passing through that intersection during a given hour. The ICU calculations assume a per-lane capacity of 1,700 vehicles per hour (vph) with a clearance interval of 0.05.

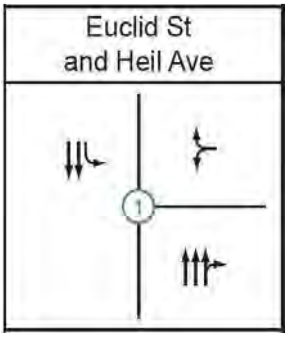
Operating conditions for the ICU methodology is expressed in terms of "Level of Service" which is also referred to by its acronym, LOS. The ICU calculation returns a volume-to-capacity (V/C) ratio that translates into a corresponding Level of Service, ranging from LOS A, representing uncongested, free-flowing conditions; to LOS F, representing congested, over-capacity conditions. A summary description of each Level of Service and the corresponding volume/capacity (v/c) ratio is provided on the chart below

LEVEL OF SERVICE DESCRIPTIONS		
Level of Service	Signalized: ICU V/C Ratio	Description
A	0.00 - 0.60	EXCELLENT – No vehicle waits longer than one red light, and no approach phase is fully used.
B	0.61 - 0.70	VERY GOOD – An occasional approach phase is fully utilized; drivers begin to feel somewhat restricted within groups of vehicles.
C	0.71 - 0.80	GOOD – Occasionally, drivers may have to wait through more than one red light; back-ups may develop behind turning vehicles.
D	0.81 - 0.90	FAIR – Delays may be substantial during portions of the rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive back-ups.
E	0.91 - 1.00	POOR – Represents the most vehicles that the intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.
F	> 1.00	FAILURE – Back-ups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths.
LOS = Level of Service; ICU = Intersection Capacity Utilization; V/C = volume-to-capacity		

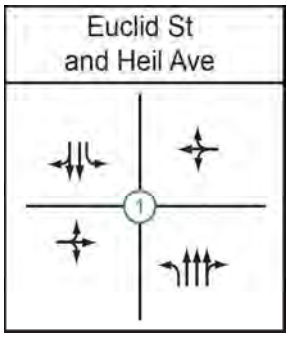
FIGURE 2



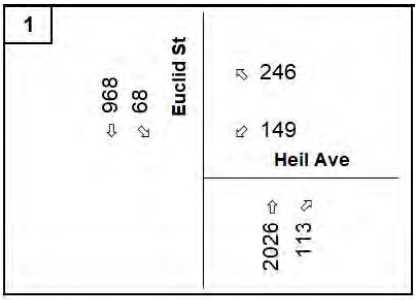
Existing Lane Configuration



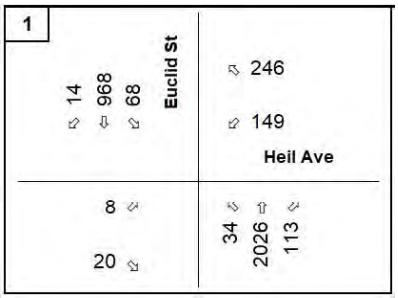
Existing Plus Project Lane Configuration



Existing PM Peak Hour Volumes



Existing Plus Project PM Peak Hour Volumes



The City of Fountain Valley Level of Service standard for intersection operation is Level of Service D or better. An intersection LOS summary table for Existing and Existing Plus Project conditions are shown in Table 2. Intersection analysis worksheets are provided in *Appendix D*. Review of Table 2 shows that the proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue would operate at an acceptable Level of Service (LOS B or better) during the PM peak hour under Existing and Existing Plus Project conditions.

FINDINGS AND CONCLUSIONS

The proposed project is estimated to generate 351 trips on a daily basis, 9 total trips in the AM peak hour, and 76 total trips in the PM peak hour. Compared to the existing golf course use, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour.

Based on review of the County's VMT screening thresholds, the project meets the Small Project (less than 500 ADT); therefore, the project would result in a less-than-significant impact, and no additional VMT analysis is required.

The proposed project would include a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue. Review of an intersection LOS analysis for the proposed driveway shows that the project would operate at an acceptable Level of Service (LOS B or better) during the PM peak hour under Existing and Existing Plus Project conditions.

Please contact me if you have any questions or if you need additional information.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Trevor Briggs, P.E (C87664)

TABLE 2

SUMMARY OF INTERSECTION OPERATION

MILE SQUARE PARK EXPANSION

Intersection		Traffic Control	PM Peak Hour	
			ICU	LOS
EXISTING CONDITIONS				
1	Euclid Street at Heil Avenue	S	0.654	B
EXISTING PLUS PROJECT				
1	Euclid Street at Heil Avenue	S	0.659	B

Notes:

- Bold and shaded values indicate intersections operating at an unacceptable Level of Service.

- Intersection operation is expressed in volume-to-capacity (v/c) ratio for signalized intersections.

APPENDIX A

PROJECT SITE PLAN

Conceptual Master Plan

Legend

1. The Great Meadow (7.94 Acres)
2. Multiuse Playfield (7.65 Acres)
3. Civic Plaza (5.9 Acres)
4. Adventure Play Area (1 Acre)
5. Camp & Wilderness Area (.5 Acres)
6. 100 ft. Min. Tree Buffer
7. Shade Pavilion
8. Botanic Garden
9. Maintenance Yard and Storage
10. Phase 1 Perimeter Trail
11. Restrooms
12. Modified Pond
13. Visitor Center (12,500 SF)
14. Parking
15. Perimeter Screen Planting



EXPANSION AREA IS 93 ACRES TOTAL

MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Open Lawn and Terraced Amphitheater

Potential Activities:

Open Lawn

- Large Concerts, Summer Concerts or Events
- Car or Dog Show
- Drone Flying
- Model Airplane Flying
- Lawn Games

Terraced Amphitheater

- Smaller Concerts/Educational/Community Events
- Graduation/Public Ceremonies
- Corporate Events













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Shade Pavilion and Plaza

Potential Activities:

Shade Pavilion

- Art Exhibitions
- Educational/Historical Exhibitions
- Outdoor Yoga, Tai Chi, or Other Exercise
- Food Festival
- Small Concerts
- Health Expos

Plaza

- Farmers Market
- Graduation/Other Ceremonies
- Food Trucks
- Outdoor Dining













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Historical Boardwalk and Turf Fields

Potential Activities:

Historical Promenade

- Historical Elements/Plaques to Commemorate the History of Mile Square Park
- Farmers Markets
- Charity Walk/Events

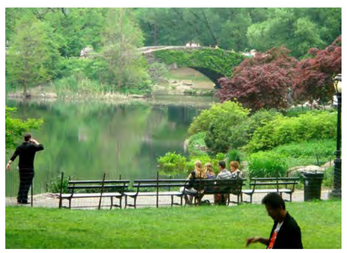
Turf Fields

- Overflow Parking for Large Events
- Car or Dog Show/Event
- Farmers Market











MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Botanic Garden and Nature Camp with Adventure Play

Potential Activities:

Botanic Garden

- Garden Tours
- Educational Planting Workshops
- Native Planting Events
- Monarch Butterfly Event
- Lookout Knoll at Center of Park

Nature Camp with Adventure Play

- Summer Camp
- Walking Trails Through Nature Areas
- Marsh/Lake Education Area
- Picnic Areas
- Large Playground with Opportunities for Creative Exploration and Connection to Nature
- Play Areas for Multiple Age Groups
- Group Campground













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

APPENDIX B

TRAFFIC COUNT WORKSHEETS

INTERSECTION TURNING MOVEMENT COUNTS

T816

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Wed, May 31, 17

LOCATION: Fountain Valley
NORTH & SOUTH: Euclid
EAST & WEST: Heil

PROJECT #: SC1199
LOCATION #: 5
CONTROL: SIGNAL

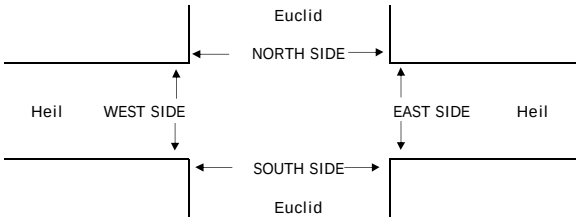
NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N / ◄ W / E ► / S ▼

☑ Add U-Turns to Left Turns

		NORTHBOUND (Euclid)			SOUTHBOUND (Euclid)			EASTBOUND (Heil)			WESTBOUND (Heil)			
	LANES:	NL X	NT 3	NR 0	SL 1	ST 2	SR X	EL X	ET X	ER X	WL 1	WT X	WR 1	TOTAL
AM	7:00 AM	0	137	5	24	498	0	0	0	0	26	0	8	698
	7:15 AM	0	208	16	38	564	0	0	0	0	28	0	12	866
	7:30 AM	0	237	23	34	567	0	0	0	0	59	0	20	940
	7:45 AM	0	237	19	47	603	0	0	0	0	54	0	12	972
	8:00 AM	0	202	26	36	512	0	0	0	0	39	0	13	828
	8:15 AM	0	239	24	32	476	0	0	0	0	36	0	17	824
	8:30 AM	0	164	12	49	482	0	0	0	0	33	0	16	756
	8:45 AM	0	170	21	43	496	0	0	0	0	37	0	20	787
	VOLUMES	0	1,594	146	303	4,198	0	0	0	0	312	0	118	6,671
	APPROACH %	0%	92%	8%	7%	93%	0%	0%	0%	0%	73%	0%	27%	
	APP/DEPART	1,740	/	1,712	4,501	/	4,510	0	/	449	430	/	0	0
	BEGIN PEAK HR		7:15 AM											
	VOLUMES	0	884	84	155	2,246	0	0	0	0	180	0	57	3,606
	APPROACH %	0%	91%	9%	6%	94%	0%	0%	0%	0%	76%	0%	24%	
	PEAK HR FACTOR		0.931			0.923			0.000			0.750		0.927
	APP/DEPART	968	/	941	2,401	/	2,426	0	/	239	237	/	0	0
MIDDAY	11:00 AM	0	188	17	13	170	0	0	0	0	11	0	14	413
	11:15 AM	0	199	17	16	174	0	0	0	0	23	0	18	447
	11:30 AM	0	246	11	14	237	0	0	0	0	14	0	11	533
	11:45 AM	0	205	13	9	189	0	0	0	0	19	0	14	449
	12:00 PM	0	245	18	18	208	0	0	0	0	21	0	22	532
	12:15 PM	0	242	23	12	238	0	0	0	0	14	0	19	548
	12:30 PM	0	244	18	14	221	0	0	0	0	14	0	12	523
	12:45 PM	0	267	22	19	279	0	0	0	0	16	0	16	619
	VOLUMES	0	1,836	139	115	1,716	0	0	0	0	132	0	126	4,064
	APPROACH %	0%	93%	7%	6%	94%	0%	0%	0%	0%	51%	0%	49%	
	APP/DEPART	1,975	/	1,962	1,831	/	1,848	0	/	254	258	/	0	0
	BEGIN PEAK HR		12:00 PM											
	VOLUMES	0	998	81	63	946	0	0	0	0	65	0	69	2,222
	APPROACH %	0%	92%	8%	6%	94%	0%	0%	0%	0%	49%	0%	51%	
	PEAK HR FACTOR		0.933			0.846			0.000			0.779		0.897
	APP/DEPART	1,079	/	1,067	1,009	/	1,011	0	/	144	134	/	0	0
PM	4:00 PM	0	468	27	17	220	0	0	0	0	26	0	45	803
	4:15 PM	0	480	29	7	269	0	0	0	0	26	0	52	863
	4:30 PM	0	464	25	13	250	0	0	0	0	29	0	38	819
	4:45 PM	0	453	27	12	250	0	0	0	0	33	0	56	831
	5:00 PM	0	536	27	17	228	0	0	0	0	41	0	57	906
	5:15 PM	0	497	29	17	217	0	0	0	0	43	0	55	858
	5:30 PM	0	462	26	19	236	0	0	0	0	26	0	69	838
	5:45 PM	0	434	29	14	209	0	0	0	0	33	0	80	799
	VOLUMES	0	3,794	219	116	1,879	0	0	0	0	257	0	452	6,717
	APPROACH %	0%	95%	5%	6%	94%	0%	0%	0%	0%	36%	0%	64%	
	APP/DEPART	4,013	/	4,246	1,995	/	2,136	0	/	335	709	/	0	0
	BEGIN PEAK HR		4:45 PM											
	VOLUMES	0	1,948	109	65	931	0	0	0	0	143	0	237	3,433
	APPROACH %	0%	95%	5%	7%	93%	0%	0%	0%	0%	38%	0%	62%	
	PEAK HR FACTOR		0.913			0.950			0.000			0.969		0.947
	APP/DEPART	2,057	/	2,185	996	/	1,074	0	/	174	380	/	0	0

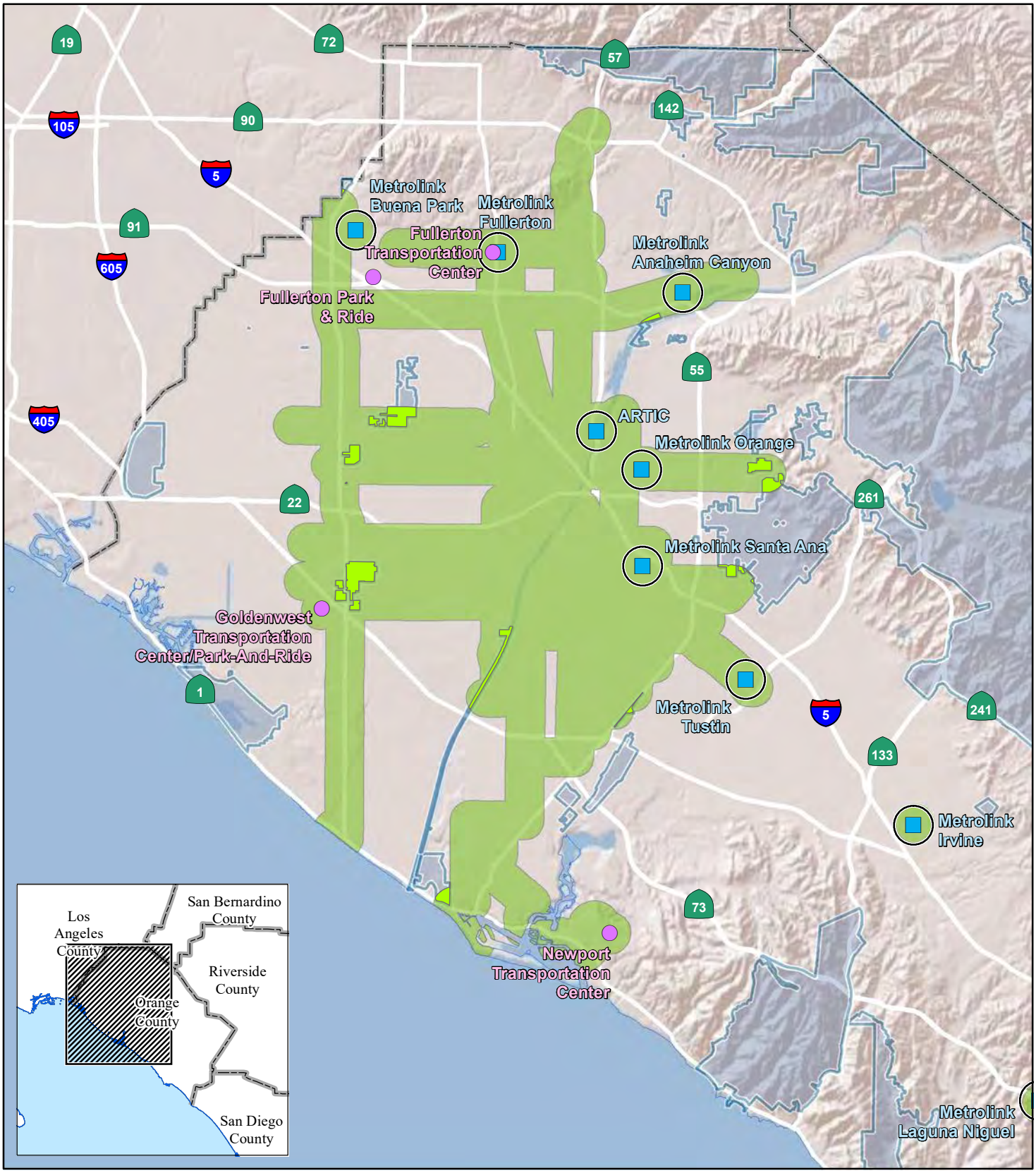
U-TURNS					
NB	SB	EB	WB	TTL
0	0	0	0	
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
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0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0



		PEDESTRIAN + BIKE CROSSINGS					PEDESTRIAN CROSSINGS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0
	7:15 AM	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0
	7:30 AM	0	0	2	0	2	0	0	2	0	2	0	0	0	0	0
	7:45 AM	1	1	2	0	4	0	0	1	0	1	1	1	1	0	3
	8:00 AM	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0
	8:15 AM	1	3	1	0	5	0	3	1	0	4	1	0	0	0	1
	8:30 AM	1	1	1	0	3	0	1	1	0	2	1	0	0	0	1
	8:45 AM	1	3	2	0	6	1	2	2	0	5	0	1	0	0	1
	TOTAL	6	10	9	0	25	3	8	8	0	19	3	2	1	0	6
MIDDAY	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15 AM	2	4	0	0	6	2	4	0	0	6	0	0	0	0	0
	11:30 AM	1	0	4	0	5	0	0	1	0	1	1	0	3	0	4
	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	2	1	0	3	0	2	1	0	3	0	0	0	0	0
	12:15 PM	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
	12:30 PM	0	2	2	0	4	0	2	2	0	4	0	0	0	0	0
	12:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1
	TOTAL	4	9	7	0	20	3	8	4	0	15	1	1	3	0	5
PM	4:00 PM	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1
	4:15 PM	0	1	1	0	2	0	1	0	0	1	0	0	1	0	1
	4:30 PM	1	1	2	0	4	1	0	2	0	3	0	1	0	0	1
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	1	1	1	0	3	0	1	0	0	1	1	0	1	0	2
	5:15 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0
	5:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1
	5:45 PM	0	2	0	0	2	0	2	0	0	2	0	0	0	0	0
	TOTAL	2	9	4	0	15	1	6	2	0	9	1	3	2	0	6

APPENDIX C

COUNTY OF ORANGE
TRANSIT PRIORITY AREAS (TPA)



LSA

LEGEND

- Unincorporated Areas of Orange County
- High Quality Transit Areas
- Unincorporated Areas within High Quality Transit Areas
- Transportation Centers
- Metrolink Station (with half-mile buffer)

N

0 1.75 3.5
MILES

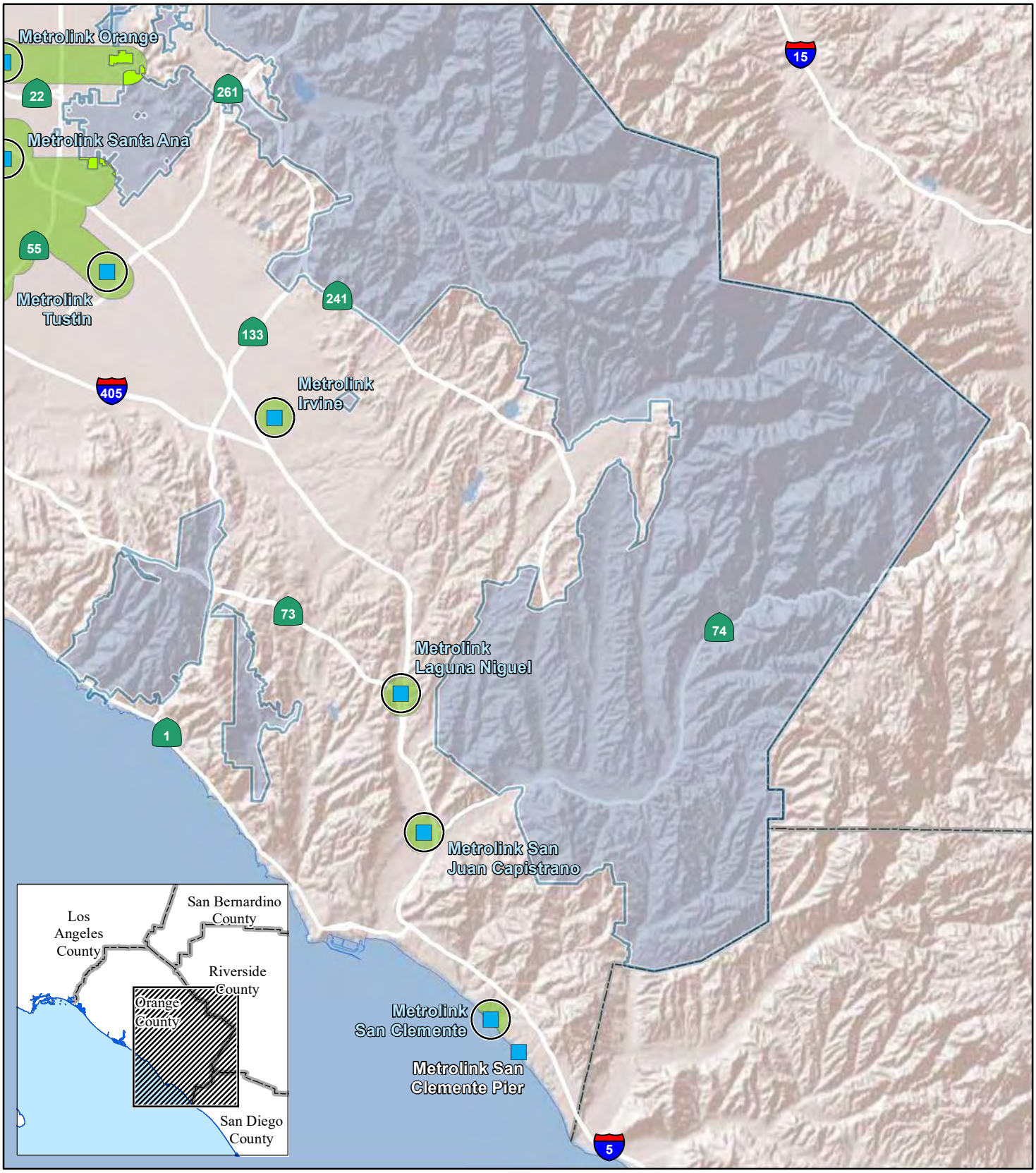
FIGURE 4
Sheet 1 of 2

CEQA Transportation Thresholds of Significance Guide

County of Orange Transit Priority Areas

SOURCE: OCPW (3/2020), SCAG (6/2019); OCTA (11/2019); Bing (2019)

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LSA

LEGEND

- Unincorporated Areas of Orange County
- High Quality Transit Areas
- Unincorporated Areas within High Quality Transit Areas
- Transportation Centers
- Metrolink Station (with half-mile buffer)

N

0 1.75 3.5
MILES

FIGURE 4
Sheet 2 of 2

CEQA Transportation Thresholds of Significance Guide

County of Orange Transit Priority Areas

SOURCE: OCPW (3/2020), SCAG (6/2019); OCTA (11/2019); Bing (2019)

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APPENDIX D

INTERSECTION ANALYSIS
WORKSHEETS

Mile Square Park Expansion

Vistro File: K:\...\Mile_Square_Park_PM_TBB.vistro
Scenario 1 EX PM

Report File: K:\...\1 - EX PM.pdf
2/15/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Euclid St & Heil Ave	Signalized	ICU 1	NB Thru	0.654	-	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Euclid St & Heil Ave

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.654

Intersection Setup

Name	Euclid Street		Euclid Street		Heil Avenue	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	1	0	0	1
Pocket Length [ft]	100.00	100.00	190.00	100.00	100.00	75.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Euclid Street		Euclid Street		Heil Avenue	
Base Volume Input [veh/h]	1948	109	65	931	143	237
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	2026	113	68	968	149	246
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	507	28	17	242	37	62
Total Analysis Volume [veh/h]	2026	113	68	968	149	246
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	5.00

Phasing & Timing

Control Type	Permissive	Permissive	ProtPerm	Permissive	Permissive	Permissive
Signal Group	6	0	5	2	4	0
Auxiliary Signal Groups						
Lead / Lag	-	-	Lead	-	Lead	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.42	0.42	0.04	0.28	0.09	0.14
Intersection LOS	B					
Intersection V/C	0.654					

Mile Square Park Expansion

Vistro File: K:\...\Mile_Square_Park_PM_TBB.vistro
Scenario 2 EX WP PM

Report File: K:\...\2 - EX WP PM.pdf
2/15/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Euclid St & Heil Ave	Signalized	ICU 1	NB Thru	0.659	-	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Euclid St & Heil Ave

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.659

Intersection Setup

Name	Euclid Street			Euclid Street			Heil Avenue			Heil Avenue		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	190.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	75.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Euclid Street			Euclid Street			Heil Avenue			Heil Avenue		
Base Volume Input [veh/h]	0	1948	109	65	931	0	0	0	0	143	0	237
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	34	0	0	0	0	14	8	0	20	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	34	2026	113	68	968	14	8	0	20	149	0	246
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	507	28	17	242	4	2	0	5	37	0	62
Total Analysis Volume [veh/h]	34	2026	113	68	968	14	8	0	20	149	0	246
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	5.00

Phasing & Timing

Control Type	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	1	6	0	5	2	0	0	8	0	4	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.42	0.42	0.04	0.29	0.29	0.00	0.00	0.02	0.09	0.00	0.14
Intersection LOS	B											
Intersection V/C	0.659											

Appendix D

Cultural Resources Inventory Report

DRAFT CULTURAL RESOURCES INVENTORY REPORT FOR THE MILE SQUARE REGIONAL PARK MASTER PLAN PROJECT, CITY OF FOUNTAIN VALLEY, ORANGE COUNTY, CALIFORNIA

PREPARED FOR:

Orange County Parks
Planning & Design Division
13042 Old Myford Road
Irvine, CA 92602

PREPARED BY:

ICF
525 B Street, Suite 1700
San Diego, CA 92101
Contact: Patrick McGinnis
858.444.3947

November 2020



ICF. 2020. *Draft Cultural Resources Inventory Report for the Mile Square Regional Park Master Plan Project.* November. (ICF 00359.20) San Diego, CA. Prepared for Orange County Parks, Planning and Design Division.

NATIONAL ARCHAEOLOGICAL DATABASE INFORMATION

Author(s):	Patrick McGinnis, MA
Consulting Firm:	ICF 525 B Street, Suite 1700 San Diego, CA 92101 858.444-3947
Client:	Orange County Parks, Planning and Design Division
Report Date:	November 2020
Report Title:	Draft Cultural Resources Inventory Report for the Mile Square Regional Park Project, City of Fountain Valley, Orange County, California
Type of Study:	Cultural Resources Inventory
New Sites:	None (three buildings of historic age)
Updated Sites:	None
Sites in Project Area	None
USGS Quadrangle:	Newport Beach, California; 7.5-minute series (1:24,000)
Acreage:	Project footprint = approximately 93 acres
Keywords:	Negative survey, Mile Square Regional Park, Fountain Valley

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Acronyms and Abbreviations

AB	Assembly Bill
BLM	Bureau of Land Management
BP	before present
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CRHR	California Register of Historical Resources
MISQ	Mile Square Regional Park
NAHC	Native American Heritage Commission
NRHP	National Register of Historic Places
OC Parks	Orange County Parks
PFYC	Potential Fossil Yield Classification
PRC	Public Resources Code
SCCIC	South Central Coastal Information Center

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Summary

ICF was retained by the Orange County Parks (OC Parks) to conduct a cultural resources inventory for the Mile Square Regional Park Master Plan Project (project) in Orange County, California. This report provides background information on the project and its setting, a description of the study methodology, and a comprehensive cultural resources inventory of the project. The project requires compliance with the California Environmental Quality Act (CEQA).

Mile Square is an expansive 607-acre multi-use facility located in the City of Fountain Valley, where it borders the Cities of Santa Ana and Garden Grove (Appendix A: Figures 1, 2 and 3). The urban park features three regulation golf courses, soccer fields, baseball and softball diamonds, an archery range, a nature area, fishing lakes, and substantial passive open space and picnic areas. Approximately 65 acres of land located adjacent to Brookhurst are leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for a portion of the Mile Square Golf Course, encompassing approximately 93 acres, is ending and OC Parks is exploring new uses for this portion of the park. In addition, OC Parks is proposing improvements within the eastern portion of Mile Square at the existing 186-acre Mile Square Regional Park (MISQ). These changes necessitated the cultural resources inventory that is the subject of this report.

The MISQ Master Plan, which is currently being prepared, is proposing a series of new uses to replace the current golf course in the central portion of Mile Square, as well as improvements within the existing MISQ. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, a visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses. An intensive pedestrian survey of these areas was performed on November 9, 2020, by ICF archaeologists.

Record searches and Native American contact initiated prior to the pedestrian survey did not reveal the presence of previously recorded cultural resources or tribal cultural resources within the project area. In addition, the pedestrian survey did not identify any archaeological resources. Although built-environment resources were identified within the project area, none of those resources are recommended as eligible for the California Register of Historical Resources (CRHR).

The proposed project is in an area of moderate archaeological sensitivity. Therefore, a Native American monitor and an archaeological monitor are recommended to be present during ground-disturbing construction activities that take place on previously undisturbed soils. Should cultural resources or human remains be discovered during construction, appropriate treatment measures, consistent with CEQA, would be implemented.

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Chapter 1
Project Description

Orange County Parks (OC Parks) is proposing improvements outlined in the Mile Square Regional Park (MISQ) Master Plan, including the addition of 93 acres to the MISQ park facilities in north Orange County within the City of Fountain Valley. This parcel is currently leased to the Mile Square Golf Course by OC Parks, and the project would integrate the 93 acres with the existing 186 acres of MISQ at the eastern portion of Mile Square. The project would also complete additional improvements within the existing portion of MISQ.

Mile Square is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove (Appendix A: Figures 1, 2 and 3). The urban park features three regulation golf courses, soccer fields, baseball and softball diamonds, an archery range, a nature area, fishing lakes, and ample passive open space and picnic areas. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and OC Parks is exploring new uses for this portion of the park. This change, along with proposed improvements to the existing MISQ, necessitated the cultural resources inventory that is the subject of this report.

ICF was retained by the OC Parks to conduct a cultural resources inventory for the project. This report provides background information on the project and its setting, a description of the study methodology, and a comprehensive cultural resources inventory of the project.

The Master Plan, which is currently being prepared, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, a visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses.

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Chapter 2
Regulatory Setting

2.1 California Environmental Quality Act and Cultural Resources

The project requires compliance with the California Environmental Quality Act (CEQA). CEQA, which requires public agencies to evaluate the implications of their project(s) on the environment, includes significant historical resources as part of the environment. Public agencies must treat any cultural resource as significant, unless the preponderance of evidence demonstrates that it is not historically or culturally significant (California Code of Regulations [CCR] Title 14, Section 15064.5). A historical resource is considered significant if it meets the definition of a *historical resource* or a *unique archaeological resource*, as defined below.

2.1.1 Historical Resources

The term *historical resource* includes, but is not limited to, any object, building, structure, site, area, place, record, or manuscript that is historically or archaeologically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California, per Public Resources Code (PRC) Section 5020.1(j). Historical resources may be designated as such through three different processes:

1. Official designation or recognition by a local government, pursuant to local ordinance or resolution per PRC Section 5020.1(k).
2. A local survey conducted pursuant to PRC Section 5024.1(g).
3. Listing in, or eligibility for listing in, the National Register of Historic Places (NRHP), per PRC Section 5024.1(d)(1).

The process for identifying historical resources is typically accomplished by applying the criteria for listing in the California Register of Historical Resources (CRHR), per 14 CCR 4852, which states that a historical resource must be significant at the local, state, or national level under one or more of the following four criteria:

1. It is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
2. It is associated with the lives of persons important in our past.
3. It embodies the distinctive characteristics of a type, period, region, or method of construction; represents the work of a master; or possesses high artistic values.
4. It has yielded, or may be likely to yield, information important in prehistory or history.

To be considered a historical resource for the purpose of CEQA, the resource must also have integrity, which is the authenticity of a resource's physical identity, evidenced by the survival of characteristics that existed during the resource's period of significance. Resources, therefore, must retain enough of their historic character or appearance to be recognizable as historical resources and convey the reasons for their significance. Integrity is evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. It must also be judged

with reference to the particular criteria under which the resource is eligible for listing in the CRHR, per 14 CCR 4852(c).

2.1.2 Unique Archaeological Resources

A *unique archaeological resource* is defined in Section 21083.2 of the PRC as an archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is high probability that it meets the following criteria:

- Contains information needed to answer important scientific research questions and for which there is a demonstrable public interest.
- Has a special and particular quality, such as being the oldest of its type or the best available example of its type.
- Is directly associated with a scientifically recognized important prehistoric or historic event or person.

In most situations, resources that meet the definition of a unique archaeological resource also meet the definition of historical resource. As a result, it is current professional practice to evaluate cultural resources for significance according to their eligibility for listing in the CRHR. For the purposes of this CEQA cultural resources study, a resource is considered significant if it meets the CRHR eligibility (significance and integrity) criteria. Individual resource recommendations of eligibility are provided in this report.

Even without a formal determination of significance and nomination for listing in the CRHR, the lead agency can determine that a resource is potentially eligible for such listing to aid in determining whether a significant impact would occur. The fact that a resource is not listed in the CRHR, or has not been determined eligible for such listing, and not included in a local register of historic resources does not preclude an agency from determining that a resource may be a historical resource for the purposes of CEQA.

2.1.3 Tribal Cultural Resources

Section 21074 of the PRC defines *tribal cultural resources* as:

1. Sites, features, places, cultural landscapes, scared places, and objects with cultural value to a tribe that are listed, or determined to be eligible for listing, in the national or state register of historical resources, or listed in a local register of historic resources; or
2. A resource that that lead agency determines, in its discretion, is a tribal cultural resource.

When a lead agency chooses to treat a resource as a tribal cultural resource, that determination shall be supported with substantial evidence, applying the criteria in the historical register, and considering the significance of the resource to a California Native American Tribe. (PRC Section 5024.1, PRC Section 21074)

2.1.4 Thresholds of Significance

According to CEQA, a project that causes a substantial adverse change in the significance of a historical resource or a unique archaeological resource has a significant effect on the environment

(14 CCR 15064.5; PRC Section 21083.2). CEQA defines a *substantial adverse change* as follows (CCR Title 14 Section 15064.5(b)):

- 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.
- Demolition or material alteration in an adverse manner those physical characteristics of a historical resource that convey its historical significance and justify its inclusion in, or eligibility for inclusion in, the CRHR.
- Demolition or material alteration in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources, pursuant to Section 5020.1(k) of the PRC, or its identification in a historical resource survey meeting the requirements of Section 5024.1(g) of the PRC, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant.
- Demolition or material alteration in an adverse manner those physical characteristics of a historical resource that convey its historical significance and justify its eligibility for inclusion in the CRHR, as determined by the lead agency.

2.1.5 Discovery of Human Remains

With respect to the potential discovery of human remains, Sections 7050.5(b) and (c) of the California Health and Human Safety Code state the following:

a. 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 human remains are discovered has determined, in accordance with Chapter 10 (commencing with Section 27460) of Part 3 of Division 2 of Title 3 of the Government Code, that the remains are not subject to the provisions of Section 27491 of the Government Code or any other related provisions of law concerning investigation of the circumstances, manner, and cause of any death and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation, or his or her authorized representative, in the manner provided in Section 5097.98 of the Public Resources Code. The coroner shall make his or her determination within 2 working days from the time the person responsible for the excavation, or his or her authorized representative, notifies the coroner of the discovery or recognition of the human remains.

b. If the coroner determines that the remains are not subject to his or her authority and recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, he or she shall contact by telephone, within 24 hours, the Native American Heritage Commission (NAHC) (California Health and Human Safety Code Section 7050.5).

Of note to cultural resources is Subsection (c), which requires the coroner to contact the NAHC within 24 hours if discovered human remains are thought to be of Native American origin. After notification, NAHC will follow the procedures outlined in PRC Section 5097.98, which include notification of the most likely descendants, if possible, and the recommendations for treatment of the remains. Also, willful possession of Native American human remains, or artifacts taken from a grave or cairn is a felony under state law (PRC Section 5097.99).

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Chapter 3
Environmental Setting

The project area is located within the Orange County Coastal Plain, which lies within the greater Los Angeles Basin. The plain is bounded by the Pacific Ocean on the west, the Santa Ana Mountains on the east, the Puente and Chino Hills on the north, and San Joaquin Hills on the south. The eroded plain is characterized by low rounded ridges and knolls that are separated by generally northeast- and southeast-trending gullies and ravines and is bisected by the Santa Ana River.

The City of Fountain Valley is in northwestern Orange County, California, approximately 6 miles east of the Pacific Ocean and 28 miles southeast of downtown Los Angeles. The City, which encompasses approximately 9 square miles, is bordered by the City of Huntington Beach on the south and west, and Costa Mesa on the southeast. The City's eastern boundary is the Santa Ana River (Appendix A: Figure 1). The majority of the project site is landscaped and covered in nonnative vegetation due to its present and past use as a golf course (Appendix A: Figure 2).

3.1 Cultural Setting

The following section outlines the prehistoric, ethnographic, and historic contexts relevant to the project study area. These contexts are summarized from existing cultural resources studies of the project area and project vicinity.

3.1.1 Prehistoric Context

Numerous cultural chronologies have been developed for the region (Bettinger and Taylor 1974; Warren 1980; Warren and Crabtree 1986). The setting provided below summarizes some of these chronologies to provide an overview of regional cultural trends over time. This setting divides the pre-contact cultural sequence into three periods that are analytical constructs and that do not necessarily reflect Native American views.

Paleo-Indian Period

Scholarly theory suggests that the earliest human occupants of North America were highly mobile terrestrial hunters. Paleo-Indian cultures (e.g., Clovis, Folsom, Llano) dating to this period are often marked by archaeological assemblages of bone and stone technology. Over the last few decades, several North American archaeological sites and sets of human remains have been documented in various contexts that date to this Paleo-Indian Period (e.g., Erlandson et al. 2007). These discoveries have required researchers to reconsider the migratory and land-use strategies of early man within the Americas. Within California, Paleo-Indian assemblages are characterized by a wide but sparse distribution of isolated tools and caches, dated to between 12,000 and 10,000 years before present (BP) (Meltzer 2004; Dillon 2002:115; Byerly and Roberson 2015). The Clovis complex is the only cultural complex that has been confidently dated to this period. Clovis sites are identified by large, fluted points and are assumed to have been occupied by relatively small populations of highly mobile groups that lived in small temporary camps near permanent water sources. Although no

Paleo-Indian sites have been documented in the project area and vicinity, the absence of sites does not negate the possible presence of human occupants during this period.

Archaic Period

Within the coastal plains of Southern California, a technological shift toward processing small, hard seeds from plants associated with scrub and shrub plant communities with ground stone tools such as manos and metates began to appear around 7500 BP. This period is referred to as the Millingstone Period for the abundant ground stone tools found at sites dating from this time until roughly 1500 BP. Groups continued to travel and follow game and plant resources as they became available seasonally (Moratto 2004).

Late Prehistoric Period

Starting at around 1500 BP, the archaeological record reflects the emergence of the cultural patterns attributed to Shoshonean people, who moved into Southern California from the Great Basin and either assimilated with existing populations or displaced them. In the Late Prehistoric Period, the study area was occupied by the Gabrielino (also referred to as Tongva or Kizh) and probably well known by the Juaneno who lived in adjacent areas to the south and appear to have developed land-use patterns around the intensive exploitation of a range of local resources and established semi-permanent camps and villages (Bean and Smith 1978a; McCawley 1996). Archaeological sites attributed to the Gabrielino and Juaneno are characterized by a range of artifact types, including mortars and pestles, manos and metates, flaked stone tools, small projectile points, ceramics, basketry and other woven textiles, and cremation sites.

3.1.2 Ethnographic Context

The cultural resources study area is within a region that is known to have been inhabited by the Gabrielino in the vicinity of Fountain Valley. However, the Juaneno-occupied territory was very near the project area, and the two groups would very likely have had extensive contact with and knowledge of each other's territory. The language of the both groups is derived from the Takic family, part of the Uto-Aztecan linguistic stock (Bean and Smith 1978a).

What is now the city of Fountain Valley was occupied during the Late Prehistoric Period by the Gabrielino (Kroeber 1925; Bean and Smith 1978a, 1978b). The term *Gabrielino* identifies those Native Americans who lived within the sphere of influence of the Spanish Mission San Gabriel. The overwhelming number of people here were of the same ethnic nationality and language group. Their territory included the entire Los Angeles Basin and extended from northern Orange County north to the San Fernando Valley in Los Angeles County and eastward to the Riverside and San Bernardino area. Large, permanent villages were established in the fertile lowlands along rivers and streams and in sheltered areas along the coast. Eventually, Gabrielino territory encompassed the greater Los Angeles Basin, the coastal regions from Topanga Canyon to the north to perhaps as far south as Aliso Creek as well as the islands of San Clemente, San Nicholas, and Santa Catalina (Bean and Smith 1978b). The subsistence economy of the Gabrielino was one of hunting and gathering. A wide variety of tools and implements were employed by the Gabrielino to gather, collect, and process food resources. Coastal Gabrielino people had ready access to sea mammals, shellfish, and other marine resources in addition to terrestrial resources. Access to these resources for the Gabrielino people in the study area may have been more difficult because intervillage conflict was so frequent and

intense that inland Gabrielino were frequently prevented from reaching the ocean for fishing and trading purposes (Englehardt 1931).

3.1.3 Historic Context

Spanish Period

Over the course of approximately five decades, beginning in 1769, Spanish Franciscan missionaries, military officials and soldiers, and civilian colonists created a chain of 21 missions, 4 presidios, and 3 pueblos across coastal *Alta California*. These developments occurred as the Spanish attempted to solidify their claims to California through colonization by Euro-Americans and subjugation of the Native American inhabitants to their culture and control. None of the Spanish missions or mission-associated institutions (i.e., *estancias* [ranch outposts] or *asistencias* [small-scale missions that lacked a resident priest]) that were found farther inland were established in the vicinity of the project area during the Spanish period. The closest missions were those at San Gabriel, established in 1771, and San Juan Capistrano, established in 1776, approximately 27 and 22 miles away from the project area, respectively (Englehardt 1931). In 1784, Juan "Manuel" Nieto, a soldier assigned to Mission San Gabriel, was granted a 167,000-acre land grant that included present-day Fountain Valley, by Pedro Fages, the governor of Alta California. Nieto named the rancho, Rancho Los Nietos and settled there in his retirement until his death in 1804. The rancho was inherited by Nieto's wife and four children.

Mexican Period

By 1810, many of Spain's New World colonies were openly dissatisfied with colonial rule, and independence movements spread throughout the empire. By 1821, Mexico had achieved its independence but continued many Spanish traditions. The Mexican government began distributing large land grants as rewards to those who had supported independence to help settle the sparsely populated region of Alta California. Unfortunately, little changed for the Native American population during this time. In 1834, Rancho Los Nietos was divided into five smaller ranchos at the request of Jose Manuel Nieto's heirs. Maria Catarina Ruiz, the widow of Manuel Nieto's son Jose Antonio Nieto, received the 33,460-acre Las Bolsas grant.

The United States declared war on Mexico in 1846, based on spurious claims. By 1848, the war was over, resulting in California and nearly half of Mexico being ceded to the United States. Although, the U.S. government agreed to honor land grants given under Mexican rule, the process was often long and difficult, and many landowners were forced to give up their land before their claims were recognized (Rush 1965). By 1860, the rancho was solely owned by Abel Stearns who had amassed several land holdings in Southern California by this time (Gibb 2007).

American Period

After the war with Mexico ended in 1848, due to the swampy nature of the land the area that is now Fountain Valley remained sparsely populated for decades. The area had a high water table and was subject to flooding from the nearby Santa Ana River. Drought in the 1870s dried out much of the land, making it suitable for farming, and settlers began to arrive in the late 1870s. From the 1880s until the early 1900s this area was referred to as "Gospel Swamps" by surrounding residents as itinerant preachers set up tents on islands in the swamps (Gibb 2007). In the 1890s efforts to drain the land by constructing a canal were completed, and the land was subdivided into small farms and

ranches. Early residents grew field crops such as sugar beets, beans, barley, and wheat. By the turn of the century a school, blacksmith, general store, and post office were established. The area was called Talbert after James T. Talbert who formed a district to channelize the Santa Ana River, constructed drainage channels on the east side of major roads to drain "Gospel Swamp" and who was responsible for getting the post office established (*Orange County Register* 2013). The townspeople had initially submitted Fountain Valley for the townsite's name, but this was rejected by the U.S. Postal Service due to duplication.

By the 1930s agricultural pursuits began to focus on truck crops such as strawberries, cabbage, asparagus, cauliflower, corn, onions, broccoli, and tomatoes. However, after World War II a population boom began in Southern California and the evolution from farming community to commuter community began. As urbanization increased, residents grew concerned and began to consider incorporation as a means to control the area's growth. In 1957 the residents of Talbert voted to incorporate and changed the name of the town to Fountain Valley. Agricultural production remained dominant in Fountain Valley until the 1960s. By the late 1960s the introduction of the freeway system through the area completed the transition from farming town to bedroom community (*Orange County Register* 2013).

Transformation in Post-World War II Orange County

In the mid-twentieth century, cities and land use patterns in Orange County underwent dramatic change. Before World War II, agricultural production dominated much of the landscape surrounding present-day Fountain Valley, with a focus on crops such as strawberries, cabbage, asparagus, cauliflower, corn, onions, broccoli, and tomatoes. However, a population boom after the war's end brought massive amounts of residential construction, which changed this paradigm. Between 1960 and 1975, most of the agricultural land in southeast and central Fountain Valley bordering Huntington Beach transformed into a suburban landscape. The construction of the freeway system throughout the 1960s solidified the area as a post-war commuter community (Haire 2020a; California Department of Transportation 2011:15–17; NETR 2020).

Orange County Park Development

In 1963, the Planning Department of Orange County identified a dire need for neighborhood, community, and regional parks to support the area's growing population. A plan adopted in 1965 became a guiding document for the development of green spaces in the area. It evaluated 27 sites for possible parks, which County authorities then vetted for feasibility. By 1968, as part of its "Recreation '67" plan, the County had acquired over 700 acres of land for parks and remained in negotiations for nearly 1,500 more (*Los Angeles Times* 1968a:1).

There were eight park projects either proposed or in the construction phase countywide in early 1968. These included Mile Square, Upper Bay, Sunset Harbor, Nike Base, and Sycamore Flat. Most were concentrated in the eastern and northern areas of the County, focusing on denser areas like Santa Ana and Irvine. The goal was eventually to develop a park infrastructure that could accommodate future growth throughout the County. However, land acquisition and development were often time consuming, as was the case with the creation of Mile Square, which involved lengthy negotiations with the federal government over a swath of land in the northeast of Fountain Valley (*Los Angeles Times* 1968a:1).

Mile Square

Mile Square was once agricultural land planted with sugar beets, beans, barley, and wheat. In 1942, the United States Navy purchased the land from 23 different owners for use as an auxiliary landing field—one of several in Orange County that served U.S. Naval Air Station Los Alamitos. Officially called Naval Outlying Landing Field 13207 (Mile Square), the field was used for carrier deck qualification practice by Navy aircraft. The original field consisted of asphalt paved hexagonal shaped landing mats. In August 1943, the primary training mission ended, the field began to host Carrier Air Groups, and three new bituminous runways were built on top of the original mat. The runways were 2,400, 2,500, and 1,600 feet long and all were 200 feet wide. No hangars or buildings are reported to have ever been built on the field (Freeman 2019).

In 1952, the facility was turned over to the United States Marine Corps for helicopter autorotation practice by helicopters from what would later be known as Marine Corps Air Station Tustin. Helicopter training would continue at the field well into the Vietnam War era in the 1960s. In 1959, 500 acres of the field surrounding the runways was leased to the Heil Ranch Partnership for agricultural purposes (Freeman 2019).

In 1963, County officials began negotiations with the federal government to convert a portion of the open space into a regional park as part of its coordinated effort to create greenspace throughout the region's rapidly suburbanizing landscape. The parties reached an agreement in March of 1967, and the County began leasing 485 acres of land for $21,000 a year. The County did not have the funds to convert such a large parcel into a park and continued the agricultural use of the land while a phased approach to park development was created. Governor Ronald Reagan allocated $1.4 million to Orange County for the development of several parks, dedicating $250,000 to Mile Square alone. Authorities created a phased development plan and began accepting bids for a master plan of the 80-acre development evaluated in this form in 1968. Concurrently, County planners leased land in the western area of the park to develop a golf course (*Daily News-Post* 1967:1*; Los Angeles Times* 1968b:9; Orange County Parks 2020).

Vorheis, Trindle, and Nelson, a landscape architecture, engineering, and planning firm with offices in the nearby municipality of Westminster, won the contract. Founded by James Trindle in 1950, the firm initially specialized in survey work and the design of water and sewage systems. By 1967, the company employed more than 300 people, with offices in Van Nuys, Westminster, Las Vegas, and Riverside, generating over $4.5 million in revenue annually. The initial design included several features that survive today, such as the prominent lake in the park's southeastern corner, the road and parking layout, the main administrative building, and seven other ancillary structures. In April 1969, the County Board of Supervisors adopted the master plan, estimated to cost $800,000 to build. Construction began 6 months later and on September 5, 1970, this phase of the park's construction was complete. Officials from the County government and military held a ribbon cutting ceremony, officially opening the park in November (*Independent* 1970:B5; *Los Angeles Times* 1969a: J5; *Los Angeles Times* 1969b:8; Lundgreen 1967:J1; *Valley Times Today* 1960:47).

Construction of other aspects of the park that are not of historic age proceeded after 1970. In 1973, County authorities completed Phase II, which included athletic fields and playgrounds. That same year the Navy formally declared the perimeter acreage surplus and deeded title to the County of Orange under the Federal Legacy Parks Program. By 1974 the Navy ceased operations in the center of the airfield and gave the County an annual permit to use this area as part of the park in 1975. Phase IV commenced in 1987 with the development of an 18-hole golf course with club house, a

driving range, and banquet facility. Bicycle trails, picnic facilities, and a second park entrance were added at this time. The three paved runways remained as part of the park to be used for land sailing and radio-controlled model aircraft use until 2000 when they were removed for golf course expansion. Today, the park totals 607 acres and boasts three golf courses, nearly a dozen sports fields, an archery range, and a nature area. It remains a significant recreational hub for much of western and central Orange County, particularly the cities of Santa Ana, Fountain Valley, Huntington Beach, and Westminster (Haire 2020b; Orange County Parks 2020).

Chapter 4
Methods

The effort to identify cultural resources in the study area included a records search of previous cultural resources studies and recorded resources, along with a pedestrian survey. An additional background literature review was also conducted to characterize the physical environment, prehistory, ethnography, and history of the study area. The results of this review are provided in Chapter 3, *Environmental Setting*, above.

Background research and field studies were conducted in compliance with CEQA, as amended (PRC Section 21000 et seq.) pursuant to the *Guidelines for Implementation of the California Environmental Quality Act* (14 CCR 15000 et seq.).

4.1 Cultural Resources Records Search

On June 23, 2020, ICF submitted a request for cultural resources records search to the South Central Coastal Information Center (SCCIC) at California State University, Fullerton. The SCCIC is part of the California Historical Resources Information System, which serves as the repository for cultural resources records in the state of California. The records search was undertaken to identify previously documented archaeological, historic, and architectural resources as well as previous studies in and within 1 mile of the project area. A review of historic maps and aerial photography was conducted. The results of this records search were received on July 30, 2020.

A total of 20 cultural resources studies have been conducted within a 1-mile radius of the study area (Table 1). The oldest of these studies was conducted in 1974; the most recent was in 2011. Of these, two occurred within portions of the project area.

As part of the research effort, ICF contacted potentially interested Native Americans. This contact is part of ICF's due diligence and not part of the Assembly Bill (AB) 52 consultation process. ICF asked the NAHC to perform a search of its Sacred Lands File on June 23, 2020. The NAHC responded on June 26, 2020. The Sacred Lands File search did not identify any Native American cultural resources in the area. The NAHC included a list of 10 tribal contacts who may have concerns or knowledge of cultural resources in the project area. ICF sent letters to these tribal contacts on July 9, 2020, seeking any information they might wish to share regarding the proposed project and project area. A response was received on behalf of Andrew Salas, chairperson for the Gabrieleno Band of Mission Indians-Kizh Nation, on July 16, 2020. The Tribe requested to discuss any potential cultural resource knowledge with the County directly through government to government consultation. On July 24, 2020, a call was received from Chairperson Robert Dorame of the Gabrielino Tongva Indians of California Tribal Council. Chairperson Dorame indicated that his family has lived in the Fountain Valley area for many years and that they have found midden locations within Mile Square in the past. His brother and nephew knew the exact locations but have passed away. Chairperson Dorame was not aware of the exact location and suggested that the area is highly sensitive due to the proximity to the ocean and Santa Ana River. He also mentioned that a large site with human remains has been recently excavated nearby. Mr. Dorame would like ground disturbance monitored, and conveyed that his group would like to consult under AB 52 and that he understood our conversation was for due diligence and not considered part of AB 52 consultation.

Table 1. Previous Studies in the Study Area and 1-mile Record Search Boundary

Study	Year	Author	Title
OR-00334	1974	Leonard, Nelson N. III	An Archaeological Reconnaissance of the Fountain Valley Project
OR-00964	1989	Cerreto, Richard, O. Davis, and P. De Barros	Archaeological Data Recovery Historic CA-ORA-1151 the Mile Square Park Site for American Golf Corporation
OR-01143	1990	Bissell, Ronald M.	Cultural Resources Reconnaissance of Two Small Parcels Near the Marine Corps Air Station, Tustin, California and a Larger parcel within Mile Square Park, Fountain Valley, Orange County, California
OR-01766	1998	Bonner, Wayne H.	Cultural Resources Records Search and Literature Review Report for a Pacific Bell Moblie Services Telecommunications Facility: Cm 065-04, in the City of Fountain Valley, California
OR-01768	1998	Bonner, Wayne H.	Cultural Resources Records Search and Literature Review Report for a Pacific Bell Mobile Services Telecommunications Facility: Cm 096-01, in the City of Westminster, California
OR-01949	1995	Padon, Beth, McLean, Deborah, and Strudwick, Ivan	Cultural Resource Assessment for the City of Garden Grove
OR-01950	1976	Douglas, Ronald D.	An Archaeological Survey of Two Properties for the City of Fountain Valley, Orange County
OR-01954	1996	Padon, Beth	Archaeological Archival Review and Survey of the Co 5 and Co 6 Flood Control Channels, Anaheim, Newport, and Seal Beach USGS 7.5' Quadrangles, Orange County, California
OR-02256	1999	Demcak, Carol R.	Cultural Resources Assessments for Orange County Sanitation Districts
OR-03000	2005	Fulton, Terri and Phil Fulton	Cultural Resource Assessment for Verizon Wireless Mount Hanna Facility Cyg530 City of Fountain Valley, Orange County, Ca
OR-03067	2002	Duke, Curt	Cultural Resource Assessment AT&T Wireless Services Facility No. 13041a Orange County, California
OR-03076	2005	Bonner, Wayne H.	Cultural Resources Records Search Results and Site Visit for T-Mobile Candidate La03002f (ngon Restaurant), 10522 Mcfadden Avenue, Garden Grove, Orange County, California
OR-03448	2006	Bonner, Wayne H.	Cultural Resource Records Search Results and Site Visit for T-Mobile Candidate La02836c (monroe Park), 16100 Mt. Bodie Avenue, Fountain Valley, Orange County, California
OR-03452	2006	Bonner, Wayne H.	Cultural Resource Records Search and Site Visit Results for T-Mobile Candidate La03862c (saint Barbara Church), 5306 Mcfadden Avenue, Santa Ana, Orange County, California

Study	Year	Author	Title
OR-03542	2008	Bonner, Wayne H.	Cultural Resources Records Search and Site Visit Results for T-Mobile Candidate LA33342A (Slater), 10505 Slater Ave., Fountain Valley, Orange County, California
OR-03799	2009	Bonner, Wayne and Crawford, Kathleen	Cultural Resources Records Search and Site Visit Results for Royal Street Communications California, LLC Candidate LA3826A (Valley Plaza), 5111 West Edinger Avenue, Santa Ana, Orange County, California
OR-03889	2003	Dice, Michael	A Cultural Resources Assessment: The Newhope Street Resurfacing Project, Edinger Avenue to Westminster Avenue, City of Santa Ana, California
OR-03923	2010	Bonner, Wayne	Cultural Resources Records Search and Site Visit Results for T-Mobile USA Candidate LA33799-A (Van Vu Medical Center), 9475 Heil Avenue, Fountain Valley, Orange County, California
OR-03925	2010	Bonner, Wayne	Cultural Resources Records Search and Site Visit Results for T-Mobile USA Candidate LA33828-A (Fountain Valley Town Center), 16027 Brookhurst Street, Fountain Valley, Orange County, California
OR-04055	2009	Fulton, Phil	Cultural Resource Assessment, Verizon Wireless Services, Mount Hanna facility City of Fountain Valley, Orange County, California
OR-04172	2011	Chasteen, Carrie	Historic Property Survey Report San Diego Freeway (I-405) Improvement Project SR-73 to I-605, Orange and Los Angeles Counties

Two previously recorded cultural resources were identified in the 1-mile record search radius, although neither is within the project area. One cultural resource (P-30-177514/Santa Barbara Catholic Church) is a historic-period built environment resource located outside the park's boundary. The other cultural resource is a nineteenth century historic-era archaeological site (P-30-001151/CA-ORA-1151H), located within the park's boundary and approximately 600 feet north of the project area. Data recovery efforts were undertaken in 1988 prior to the development of the David L. Baker Golf Course. The site appears to have since been destroyed by the development of the golf course. Each of the resources within a 1-mile radius of the study area is briefly summarized in Table 2.

Table 2. Previously Recorded Cultural Resources in the Project Vicinity

Site #	Recorded By	Year	Description	Eligibility Status
P-30-177514/ Santa Barbara Catholic Church	K. Crawford	2009	Modern church built in 1965	Recommended not eligible
P-30-001151/CA-ORA-1151H	V. Mason	1988	Late nineteenth century historical archaeological site. Data recovery was conducted prior to the site destruction in 1988.	Initially eligible, data recovery conducted. Has since been destroyed and is no longer eligible

4.2 Paleontological Record Search

The project area lies within the alluvial Santa Ana plain. Soils within the plain—including the project area—are primarily composed of recently deposited Quaternary Alluvium (Rogers 1965) and Quaternary Alluvium lake, playa and terrace deposits consolidated and unconsolidated (Jennings 1977). The U.S. Department of Agriculture describes the quaternary alluvial deposits within the 93 acres as consisting of Hueneme fine sandy loam, drained.

A paleontological resources records search for the proposed project was requested from the Natural History Museum of Los Angeles County on October 14, 2020. A response with the results of a paleontological records search conducted by Dr. Alyssa Bell of the museum was received on October 16, 2020. The response indicates that no vertebrate or invertebrate fossil localities are recorded within the project area, but there are nearby localities from the same sedimentary deposits that occur in the project area (Table 3).

Table 3. Paleontological Fossil Locations in the Vicinity of the Project Area

Locality Number	Distance from Project Area	Formation	Taxa	Depth
LACM VP 7657, 7658, 7659	~3 miles southwest	Unknown Formation (Pleistocene; gray siltstone)	Fish (Osteichthyes)	130–350 feet bgs
LACM IP 23657	~6 miles west	Unknown formation (Pleistocene; sands)	Invertebrates	Unknown
LACM IP 21488	~4.5 miles south	Unknown formation (Pleistocene; medium to coarse limonitic stained sand)	Invertebrates	Unknown
LACM IP 4695	~6.5 miles southeast	Palos Verdes Sand	Invertebrates	Unknown
LACM VP 3267	~7.5 miles south	Unknown Formation	Elephant family	Unknown

bgs = below ground surface

The U.S. Bureau of Land Management (BLM) developed a multilevel ranking system to assess the sensitivity of sediments for fossils; the Potential Fossil Yield Classification (PFYC) system (BLM 2016) provides baseline guidance for initial assessments of paleontological resources by ranking the sensitivity of geologic units present in or adjacent to a study area according to the geological setting and the number of known fossil localities. Alluvial deposits may increase or decrease in fossiliferous potential based on the coarseness of the sediments in the deposits. Sediments that are close to their original rock source are generally coarse and increase in in fineness as distance from the source increases, Fossil preservation is greatest once the average size of the sediment particles is reduced to 5 millimeters or less. Preservation is also increased when remains are rapidly buried in floodplains, rivers, lakes, etc., and the more anaerobic the environment the greater the likelihood for preservation. According to the BLM:

> In the PFYC system, geologic units are assigned a class based on the relative abundance of significant paleontological resources and their sensitivity to adverse impacts. This classification is applied to the geologic formation, member, or other mapped unit. The classification is not intended to be applied to specific paleontological localities or small areas within units. Although significant localities may occasionally occur in a geologic unit that has been assigned a lower PFYC classification, widely scattered important fossils or localities do not necessarily indicate a higher-class assignment.

Instead, the overall abundance of scientifically important localities is intended to be the major determinant for the assigned classification.

The artificial fill and previously disturbed soils that cover most of 93-acre project area have no potential to produce scientifically relevant fossils and so are assigned a very low potential for fossils (PFYC 1). Late Pleistocene to Holocene alluvial fan/young Quaternary sediments less than 8 feet below the modern surface are assigned a low potential for fossils (PFYC 2) due to the lack of fossils in these deposits. Sediments located more than 8 feet below the modern surface may include older Quaternary alluvial deposits, which are assigned a moderate but patchy potential for fossils (PFYC 3a) due to similar deposits producing fossils at depth near to the study area. Should deep excavations be proposed that would extend into older Quaternary deposits these excavations should be closely monitored. Sediment samples from finer grained deposits should also be collected and processed to determine if smaller fossils are present.

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Chapter 5
Results

5.1 Pedestrian Survey Results

On November 9, 2020, ICF archaeologists conducted an intensive archaeological pedestrian survey of the project area. The pedestrian survey consisted of walking parallel transects spaced at 10-meter intervals where the ground surface was visible and inspecting the ground surface for the presence of any cultural resources across the survey area. During the survey, notes and survey points were collected to describe and depict surface conditions, the setting, and any infrastructure encountered. A global positioning system receiver with sub-meter accuracy was used throughout the survey to maintain transects, confirm resource locations, and record any potential cultural resources.

The entire project area was surveyed for cultural resources. Ground visibility was poor in the majority of the survey areas (0 to 20%), The entire property has been used for recreational purposes as a golf course and prior to that was used as an airfield, resulting in intensive disturbance over time. None of the landform appeared to be intact. The soil has been graded and padded several times for construction or demolition of the airfield and golf course, and exposed soils all appeared to be either imported sand or disturbed fill.



Exhibit 1. Overview of survey area on golf course facing north.



Exhibit 2. Overview of proposed location of path between archery range and existing restrooms, facing south.



Exhibit 3. Overview of proposed new east side park entry and road location, facing east.

The archaeological survey resulted in the identification of no archaeological resources but did identify built environment resources, which are discussed below.

On October 27, 2020, ICF architectural historians surveyed the southeastern portion of MISQ, which was developed in 1970. Architectural historians recorded elements of the park dating to the early 1970s as well as elements of the park constructed within the last 45 years. The southeastern portion of the park is evaluated for CRHR eligibility below. Department of Parks and Recreation (DPR) forms for the southeastern portion of the park can be referenced in Confidential Appendix C.

5.2 Historic Built Environment

5.2.1 Description

Mile Square is a 670-acre urban greenspace located in the City of Fountain Valley in Orange County, California. It is bordered by Euclid Street to the east, Warner Avenue to the South, Brookhurst Street to the West, and Edinger Avenue to the north. Most of the surrounding landscape is suburban single-family housing. A hospital, retail land uses, and office space occupy the land immediately to the park's southeast. Owned by Orange County and partially leased by the City of Fountain Valley, the

park includes three 18-hole golf courses, an archery range, and numerous sports facilities, making it the largest and most developed greenspace in the immediate area.

Constructed in 1970, the southeastern area of the park evaluated in this form is its oldest, and measures approximately 80 acres. Its eastern and southern boundaries are Euclid Street and Warner Avenue, respectively. The western boundary is a border with a golf course which runs northwesterly from the maintenance yard past the six baseball fields, and the northern boundary is a roadway just south of the archery range.

The area's landscape includes a large lake and several athletic facilities. Vegetation is largely grass, with mature trees clustered around walkways and picnic areas for shade (Exhibit 17). Gently curving roads, pedestrian walkways, and seven parking lots make up the area's circulation plan. The section's built resources include a park ranger station complex, five restroom buildings, six gazebos, four bridges, three athletic fields, two playgrounds, and a maintenance yard with two utilitarian buildings. Buildings of a single type or use are described in groups below.

The ranger station is located on Mount Whitney Street at the park's eastern entrance of Euclid Street. The complex includes an administrative building (Exhibit 7), a booth for collecting fees (Exhibit 8), and a utility shed in the rear (Exhibit 9). The fee booth is located on a thin median which divides two lanes of automobile traffic. It is a simple rectangular building with vertically oriented wood siding and a low-pitched, hipped roof covered by asphalt shingles. Its eaves overhang slightly, and the building's exposed rafter tails remain flush with the roof's edge. A picture window occupies the northern and southern elevations, while a sliding, floor-to-ceiling-length door makes up the eastern and western elevations. The utility shed, located west of the ranger station, is a square-shaped wooden building with a low-pitched, hipped metal roof. Its elevations hold no windows but centered in the southern elevation are two abutting doors. This building is also square in plan and a small parking lot separates it from the administrative building.

The one-story administrative building is clad in smooth-finish stucco. Square in plan, it has a hipped, wood-shingle roof with a square, mansard protrusion which juts above the building at its center. Its eastern elevation holds several rectangular, vertically oriented, two-light, vinyl slider windows; a booth window through which visitors can speak with staff; and a mounted glass case which contains a bulletin board. The southern elevation has three identical vinyl windows clustered together in its eastern half, and a single window of a similar style near the building's southwestern corner. The western elevation is blank, while the northern elevation holds a single panel door near the northeastern side of the building, as well as one slider window, identical in style and size to those on the building's other elevations. Alterations include the replacement of windows in the fee booth and administrative building with non-original vinyl framed windows. Non-original wooden fascia boards also cover the administrative building's exposed rafter tails.

Four of the five restroom buildings are original to the first phase of the park's development. They are rectangular one-story, utilitarian buildings made of concrete masonry with side-gabled, metal roofs. The park holds two varieties with minor differences in their roof structures. The roof of the first variety has a medium pitch with little eave overhang extending only slightly beyond the building's walls (Exhibit 4). Columns clad in concrete masonry which go directly into the ground support the roof at each of its four corners. Grated metal extends beyond the building's walls, filling the gable ends and gaps between the walls and roofline, which allows light into the building and provides ventilation. The roof of the second restroom building design is identical in pitch and material to the first but sits flush atop the building's walls (Exhibit 5). At an elevation on one of the

building's short sides, the roof extends beyond the walls to create a shaded area, also supported by columns clad in masonry. A centered, slightly translucent strip runs through the roof's ridgeline on this variation, providing light in the absence of the grated metal wall material described in the first design. Both restroom variations offer ten total stalls with five individual doorways on each of their longer sides.

Six identical, metal-framed gazebos original to the park's design stand throughout this section of the park on concrete pad foundations (Exhibit 6). They are square in plan, measuring approximately 15' x 15'. Metal posts clad in wood at each of the structure's corners support their pyramidal, hipped, asphalt-shingle roofs. Exposed wooden rafter tails which do not extend beyond the eave run along the roofline on all sides.

In the southwestern corner of this section of MISQ, a parking lot with two original garages forms a maintenance yard for park rangers (Exhibit 10). The buildings are rectangular and modern in style with flat, rectilinear roofs and walls made of painted concrete masonry. Arranged perpendicularly, one building runs on a north-south axis on the yard's western edge, and the other runs east-west on its northern edge. The primary elevations of both buildings hold three adjacent roll-up garage doors. The northernmost building also has an ancillary shed directly to its west with single, one-panel door on its primary façade. The other elevations of these buildings are not visible from the public right of way.

Seven parking lots, a system of concrete channels for flood control, and several bridges represent the original infrastructural features on site. Two parking lots abut the baseball fields in the study area's north and east; one connects with Euclid Street at the park's eastern entrance near the ranger station; and the remaining four lots occupy much of the park's southeastern corner, just south of the lake. The lots vary in size, averaging approximately 50 spaces each. All lots are irregularly shaped and no two are alike, although each of them includes landscaped areas with trees and grass in their centers (Exhibit 15).

The flood control channel begins in the northeastern corner of MISQ near the intersection of Edinger Avenue and Euclid Street (Exhibit 11). Less than ten feet in width and only two to three feet deep, the concrete channel travels 4,000 feet southward from this terminus before intersecting with a second channel which runs east-west from Euclid Street, just north of the area's lake. From here this feature runs eastward for approximately 2,000 feet before moving into the neighboring golf course.

A road travels over the trench near the study area's center, approximately 600 feet north of the lake. A small tunnel passes underneath the roadway, which connects a parking lot with the rest of the park's circulation system. Concrete decorated with various inset stones decorates the curbs and top decking of this water feature.

Four bridges cross the concrete channel at various places throughout the park. Three are identical wooden pedestrian bridges with an unknown date of construction. Wooden guard rails with four wooden posts and three rails each run along both sides of the decking. Horizontally oriented wooden planks make up the bridge's decking, which measures approximately ten feet in width and 15 feet in length (Exhibit 12).

The fourth bridge is much larger, measuring approximately 50 feet in width and 150 feet in length, and holds an asphalt decking which accommodates two lanes of automobile traffic, as well as two sidewalks (Exhibit 13 and Exhibit 14). It is located approximately 150 feet northeast of the lake, and curves to the northeast over the channel. Original to the park's 1970 development, the bridge is

modern in style, painted white, and composed of concrete. At its substructure, two piers support the structure, creating two rectangular openings which allow water to pass under the bridge.

Other features not original to the first phase of the park's development in 1970 include a beach volleyball court in the southeast; two playgrounds in the south and center of the park; a picnic area with two shelters; bleachers in the west for viewing the soccer field; six baseball fields in the east and north of the park, all constructed in approximately 1973; several areas with public exercise equipment; and a fenced area shrouding utility boxes in the east (Exhibit 18 through Exhibit 25). Other significant alterations to the landscape include the expansion of most roadways to accommodate roadside parking spaces; the addition of a network of concrete pedestrian walkways; the elimination of a turnaround loop for automobiles in the north; and the addition of other minor ancillary features such as picnic benches and public grills throughout the park. Overall, the park is well maintained and in good condition.



Exhibit 4. Restroom building, design one, camera facing west northwest.



Exhibit 5. Restroom building, design two, camera facing northwest.



Exhibit 6. Gazebo, primary (east) elevation along Altadena Avenue, camera facing southwest.



Exhibit 7. Administrative ranger building and fee booth, primary elevation camera facing southwest.



Exhibit 8. Administrative ranger building and fee booth, camera facing northwest.



Exhibit 9. Utility shed at ranger station complex, south elevation, camera facing north.



Exhibit 10. Western garage in maintenance yard, primary elevation, west.



Exhibit 11. Concrete flood control channel, camera facing north.



Exhibit 12. Pedestrian bridge over channel, camera facing south.



Exhibit 13. Automobile bridge over flood control channel, southwest elevation, camera facing northeast.



Exhibit 14. Automobile bridge decking, camera facing north.



Exhibit 15. Northeastern parking lot, camera facing northeast.



Exhibit 16. Lake in south section of the park showing vegetation, camera facing east.



Exhibit 17. View of park landscaping showing intersection of flood control channels, camera facing south.



Exhibit 18. Non-original playground and shade shelter in center of park, camera facing north.



Exhibit 19. Non-original baseball fields in center of park, camera facing northwest.



Exhibit 20. Non-original roadway expansion for parking in center of park, camera facing southeast.



Exhibit 21. Non-original bleachers at soccer field in west of park, camera facing northeast.



Exhibit 22. Non-original picnic benches and grills in south of park, camera facing southwest.



Exhibit 23. Non-original volleyball court, camera facing south.



Exhibit 24. Non-original picnic area with shade shelters in south of park, camera facing northwest.



Exhibit 25. Non-original playground in south of park, camera facing northwest.

5.2.2 Evaluation

The southeastern section of MISQ does not appear to have any strong association with significant events or trends in Fountain Valley, Orange County, or the United States. The park was constructed in the post-war era during a period of expansive residential growth in the region, which spurred authorities to build more recreational facilities for Orange County's growing population. In order to be recognized on the CRHR, the park must maintain a strong and distinct connection with historic trends in the area. Planned concurrently with the area's development, the creation of the park is not significantly connected to the area's growth itself. Moreover, Mile Square is one of ten parks developed by the county during the late 1960s and early 1970s, several of which predate Mile Square and remain intact today, making this section unremarkable in this broader context. Thus, there is no evidence that suggests this section of Mile Square uniquely or significantly embodies this trend in the county's history. Nor is there evidence of any singular event with historic significance that took place at the park. For these reasons, this resource is not eligible for CRHR listing under Criterion 1.

The southeastern section of MISQ does not appear to have a strong association with any historically significant individuals. To meet CRHR Criterion 2, a non-residential property needs to have direct association with a historically significant person and be a place where the person performed the work or other activity for which they are primarily known. None of the planners, politicians, and policy makers who partook in negotiations with the federal government to acquire and develop this land are uniquely and distinctly associated with this park, as they likely made many such decisions throughout their careers, and did not do so at the park itself. Newspaper research conducted on the parks creation and early use also did not reveal any evidence that the greenspace was used by or connected to any figures with historic significance in Fountain Valley, Orange County, California, or the United States. For these reasons, this resource is not eligible for CRHR listing under Criterion 2.

The southeastern section of MISQ is not significant for its landscape design, architecture, or engineering. The ranger station and its ancillary buildings are typical in their relatively utilitarian style, construction, and materials. They lack features which would make them distinct from other buildings built for fee collection and administrative purposes in parks during this time period. Other original buildings throughout the park, including restrooms, gazebos, and maintenance garages are also unremarkable in their design, built to serve a particular purpose, and generally lack architectural merit. The park's roadways and parking lots also lack distinctive features, and do not represent significant feats of engineering. Their materials, layout, and overall function in the park are unremarkable in the context of modern road construction and do not embody significant design trends. Similarly, the prominent water control channel, as well as the pedestrian and automobile bridges that cross over it, do not embody significant feats of engineering or design. Additionally, the park's overall design does not represent that of a master designer or builder and there is no evidence which suggests the park would be significant for its association with its landscape architect, Vorheis, Trindle, and Nelson. While the company was a prolific firm throughout Southern California that provided services in engineering, architecture, and planning, there is no evidence suggesting their legacy is historically significant, or that the Mile Square Park is notably distinct from their other work. Furthermore, new athletic facilities, expansions to roadways for parking, the removal of an automobile turnaround loop, and alterations to the ranger station's windows have all impacted the park's landscape and buildings, interfering with its ability to impart any potential historic significance. For these reasons, this resource is not eligible for CRHR listing under Criterion 3.

The built resources of the southeastern section of MISQ are modest buildings, unlikely to yield important information regarding construction or engineering technologies, methods, or materials. Moreover, the park's land has undergone numerous phases of construction, having once been a military facility before its use as a recreational area. There is no evidence that any military buildings stood on the site before its use as an urban greenspace, Therefore, the buildings and landscape in the southeastern section of MISQ are not eligible under CRHR Criterion 4.

In summary, neither the southeastern section of MISQ as a whole nor any of its individual buildings or landscape features appear to meet the criteria for listing on the CRHR. This resource was evaluated in accordance with Section 15064.5(a)(2) of the CEQA guidelines, and no element of its built environment has been found to qualify as a historical resource for the purposes of CEQA.

No archaeological resources were identified within the survey area.

5.3 Recommendations

Recommendation 1. Have a Native American and an archaeological monitor present during ground-disturbing activities in previously undisturbed soils.

Although the project area is not in an area of previously identified archaeological sensitivity, the possibility exists that undiscovered cultural resources may be encountered during ground-disturbing activities associated with the project. A Native American monitor and an archaeological monitor should be present for all ground-disturbing activities in previously undisturbed soil within the proposed project area.

Recommendation 2. Stop work if potentially significant cultural materials are encountered.

If buried cultural resources, such as chipped or ground stone, midden soil, historic debris, or building foundations, are discovered inadvertently during project-related ground disturbance, work should be temporarily halted within 50 feet of the discovery until an archaeological monitor (if present) and OC Parks cultural resources personnel are notified and a qualified archaeologist can assess the significance of the find and, if necessary, develop appropriate treatment measures in consultation with the County.

Recommendation 3. Contact appropriate cultural resources personnel if human remains are encountered.

Although no human remains were observed in the project survey area, there is always the possibility that human remains, or unmarked burials may be unearthed during construction. If an inadvertent discovery of human remains is made during project construction, the employee in charge must immediately notify OC Parks cultural resources personnel by telephone. Work must cease in the area of the discovery, and all reasonable efforts must be made to protect the remains and any other cultural items associated with the human remains. OC Parks shall then immediately contact the County Coroner regarding the discovery. If the Coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Coroner shall ensure that notification is provided to the NAHC within twenty-four (24) hours of the determination, as required by California Health and Safety Code § 7050.5 (c). The NAHC-identified Most Likely Descendant (MLD), shall be allowed, under California Public Resources Code § 5097.98 (a), to (1) inspect the site of the discovery and (2) make determinations as to how the human

remains and funerary objects shall be treated and disposed of with appropriate dignity. The MLD, Lead Agency, and landowner agree to discuss in good faith what constitutes "appropriate dignity" as that term is used in the applicable statutes. The MLD shall complete its inspection and make recommendations within forty-eight (48) hours of the site visit, as required by California Public Resources Code § 5097.98. Work may not resume until the OC Parks provides notification that work may proceed.

Chapter 6
References Cited

Bean, L. J., and C. R. Smith

1978a. Serrano. In *California*, edited by Robert F. Heizer, pp. 570–574. *Handbook of North American Indians*, Vol. 8, William G. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

1978b. Gabrielino. In *California*, edited by Robert F. Heizer, pp. 550–563. *Handbook of North American Indians*, Vol. 8, William G. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Bettinger, R. L. and R. E. Taylor

1974. "Suggested Revisions in Archaeological Sequences of the Great Basin in Interior Southern California." Nevada Archaeological Survey Research Papers 5:1–26.

Bureau of Land Management (BLM)

2016. Potential Fossil Yields Classification System. BLM website accessed 10/06/2020. https://www.blm.gov/sites/blm.gov/files/uploads/IM2016-124_att1.pdf.

Byerly, Ryan, and Joanna Roberson

2015. Late Pleistocene to Middle Holocene Archaeology in the Mojave Desert: Recent Discoveries in Twentynine Palms, California. *PaleoAmerica* 1(2):197–201.

California Department of Transportation

2011. "Tract Housing in California, 1945-1973: A Context for National Register Evaluation." Sacramento, 2011.

Daily News-Post

1967. "Reagan Signs Money Bill for Monrovia Park Funds." July 8: 1.

Dillon, B. D.

2002. California PalaeoIndians: Lack of Evidence, or Evidence of a Lack? In W. J. Wallace and F. A. Riddell (eds.), *Essays in California Archaeology: A Memorial to Franklin Fenenga*. Contributions of the University of California Archaeological Research Facility, Number 60, Berkeley, CA.

Englehardt, Z.

1931. *Mission San Gabriel Arcangel.* Franciscan Herald Press, Chicago, IL.

Erlandson, J. M., M. H. Graham, B. J. Borque, D. Corbett, J. A. Estes, and R. S. Steneck

2007. The Kelp Highway Hypothesis: Marine Ecology, the Coastal Migration Theory, and the Peopling of the Americas. *Journal of Island and Coastal Archaeology* 2:161–174.

Freeman, Paul

2019. Abandoned and Little Known Airfields : Central Orange County. http://www.airfields-freeman.com/CA/Airfields_CA_OrangeCo_C.htm#mile. Accessed: July 7, 2020.

Gibb, Daniel A.
2007. *Fountain Valley.* Arcadia Publishing, San Francisco.

Haire, Chris
2020a. "A History Forgotten: How Farming Shaped Fountain Valley." Orange County Register. https://www.ocregister.com/2013/04/21/a-history-forgotten-how-farming-shaped-fountain-valley/. Accessed October 26, 2020.
2020b. "Mile Square Park: 640 Acres Hold Something for Everyone." *Orange County Register.* https://www.ocregister.com/2013/04/11/mile-square-park-640-acres-hold-something-for-everyone/. Accessed October 26, 2020.

Independent
1970. "Mile Square Park Dedicated After Long Negotiations." November 27: B5.

Jennings, Charles W.
1977. California Geological Survey, Geologic Data Map No. 2. California Department of Conservation.

Kroeber, A. L.
1925. *Handbook of the Indians of California*. California Book Company, Berkeley, CA.

Los Angeles Times
1967. "Details for Regional Park Lease Announced." March 25: 1.
1968a. "County Report Repeats Calls for Park System." February 15: 1.
1968b. "Groundbreaking Due at Mile Square Links." June 2: 9.
1969a. "Plan Adopted for New Park." *Los Angeles Times*. April 20, 1969: J5.
1969b. "Board Oks 1st Phase of Park Project." August 27: 8.

Lundgren, George
1967. "'Invisible Man' Touches All." *Los Angeles Times*. January 15: J1.

McCawley, W.
1996. *The First Angelinos: The Gabrielino Indians of Los Angeles*. Malki Museum Press/Ballena Press, Banning, CA.

Meltzer, D. J.
2004. People of North America. In A. Gillespie, S. C. Porter, and B. Atwater (eds.), *The Quaternary Period in the United States*. Elsevier Sciences, New York, NY.

Moratto, M. J.
2004. *California Archaeology*. Coyote Press, Salinas, CA.

National Environment Title Research (NETR)
2020. "Fountain Valley, CA." Historic Aerial Photographs. 1963; 1972. https://www.historicaerials.com/viewer;. Accessed October 26, 2020

Orange County Parks.
2020. Mile Square Regional Park—History. https://www.ocparks.com/parks/mile/history. Accessed: July 16, 2020.

Orange County Register
2013. A history forgotten: How farming shaped Fountain Valley. https://www.ocregister.com/2013/04/21/a-history-forgotten-how-farming-shaped-fountain-valley.

Rogers, Thomas H.
1965 Geologic Map of California, Santa Ana Sheet. California Division of Mines and Geology.

Rush, P. S.
1965. *Some Old Ranchos and Adobes.* Neyenesch Printers, San Diego, CA.

Valley Times Today
1960. "Vorheis-Trindle Details for Regional Park Lease Announced." September 27: 47.

Warren, C. N.
1980. The Archaeology and Archaeological Resources of the Amargosa-Mohave Basin Planning Units. In *A Cultural Resources Overview for the Amargosa-Mohave Basin Planning* Units, edited by C. N. Warren, M. Knack, and E. Warren, pp. 2–134. Unpublished report submitted to the Bureau of Land Management, Desert Planning Staff, Riverside, CA.

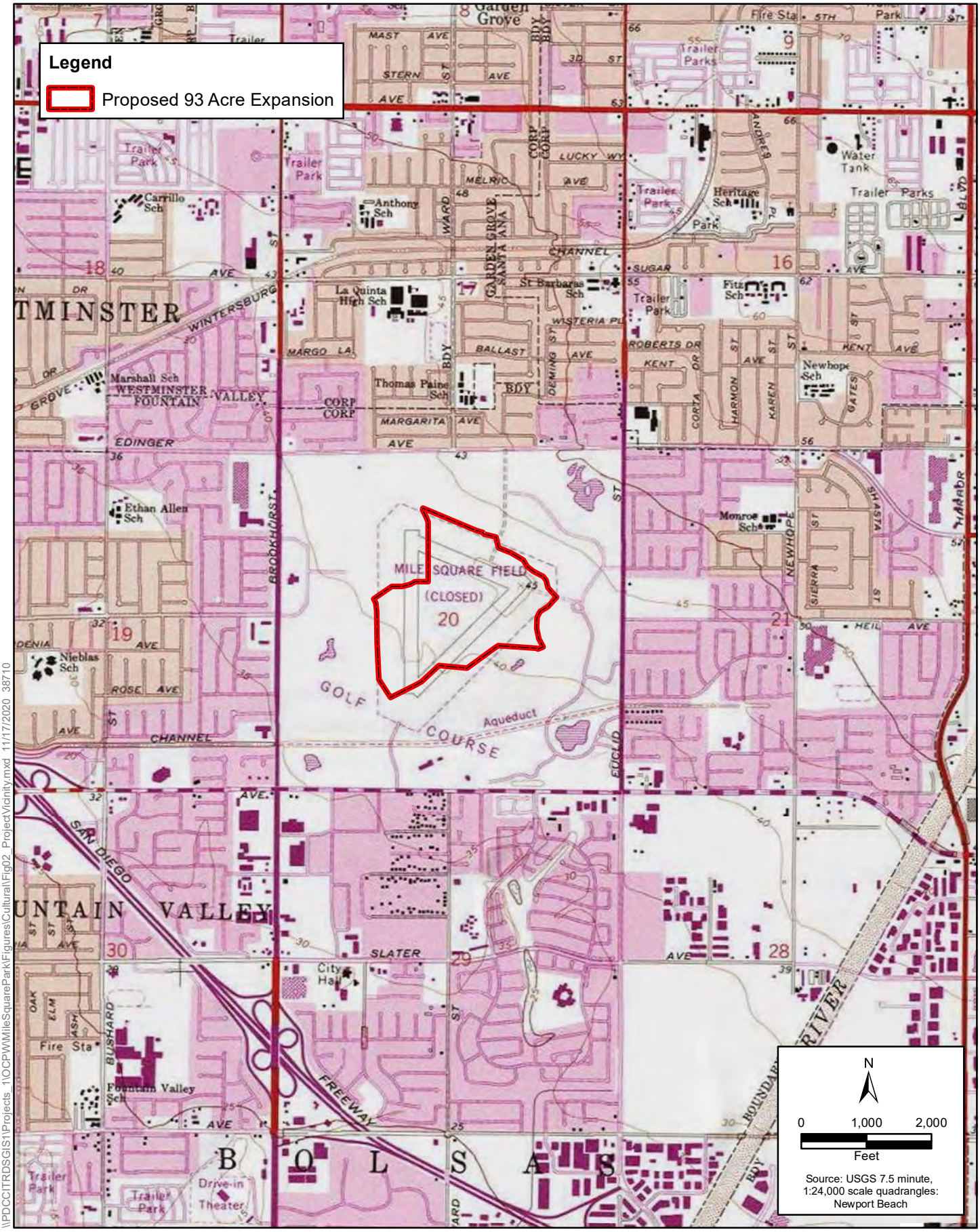
Warren, C. N., and R. H. Crabtree
1986. Prehistory of the Southwestern Area. *Handbook of North American Indians*, Volume 11: Great Basin. 183–193. Warren D'Azevedo (ed.). Smithsonian Institution, Washington, D.C.

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Appendix A
Figures



Figure 1
Regional Vicinity
Mile Square Regional Park Master Plan



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Figure 2
Project Vicinity
Mile Square Regional Park Master Plan



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Figure 3
Project Components
Mile Square Regional Park Master Plan

Appendix B
Native American Contact

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: Mile Square Park Improvements Project

County: Orange

USGS Quadrangle

Name: Newport Beach

Township: 5S Range: 10W Section(s): 20

Company/Firm/Agency:

ICF

Contact Person: Patrick McGinnis

Street Address: 525 B Street, Suite 1700

City: San Diego, CA Zip: 92101

Phone: (619) 756-3479 Extension:

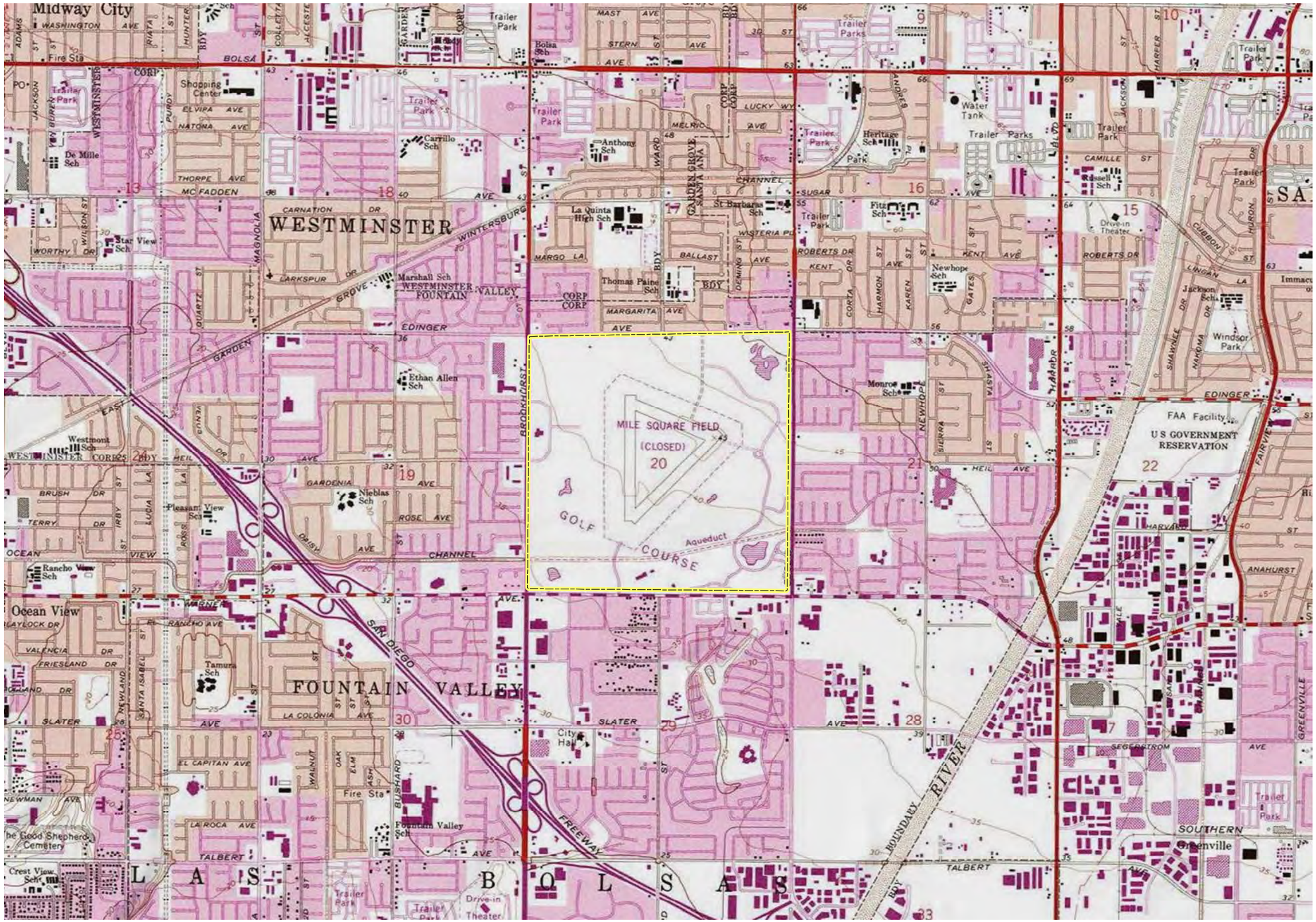
Fax:

Email: patrick.mcginnis@icf.com

Project Description:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. The urban park features three regulation golf courses, soccer fields, baseball and softball diamonds, an archery range, a nature area, fishing lakes, and ample passive open space and picnic areas. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in

☑ Project Location Map is attached





Legend

Mile Square Park Boundary

0 1,000 2,000 Feet

1:24,000

N

NAHC Map
OC Parks Mile Square Park Master Plan

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

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June 26, 2020

Patrick McGinnis
ICF

Via Email to: patrick.mcginnis@icf.com

Re: Mile Square Park Improvements Project, Orange County

Dear Mr. McGinnis:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Orange County
6/26/2020

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393
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Gabrieleno

Gabrieleno/Tongva San Gabriel Band of Mission Indians
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Gabrieleno

Gabrielino /Tongva Nation
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sgoad@gabrielino-tongva.com
Gabrielino

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
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Fax: (562) 761-6417
gtongva@gmail.com
Gabrielino

Gabrielino-Tongva Tribe
Charles Alvarez,
23454 Vanowen Street
West Hills, CA, 91307
Phone: (310) 403 - 6048
roadkingcharles@aol.com
Gabrielino

Juaneno Band of Mission Indians Acjachemen Nation - Belardes
Matias Belardes, Chairperson
32161 Avenida Los Amigos
San Juan Capisttrano, CA, 92675
Phone: (949) 293 - 8522
kaamalam@gmail.com
Juaneno

Juaneno Band of Mission Indians Acjachemen Nation - Belardes
Joyce Perry, Tribal Manager
4955 Paseo Segovia
Irvine, CA, 92603
Phone: (949) 293 - 8522
kaamalam@gmail.com
Juaneno

Pala Band of Mission Indians
Shasta Gaughen, Tribal Historic Preservation Officer
PMB 50, 35008 Pala Temecula Rd.
Pala, CA, 92059
Phone: (760) 891 - 3515
Fax: (760) 742-3189
sgaughen@palatribe.com
Cupeno
Luiseno

Soboba Band of Luiseno Indians
Scott Cozart, Chairperson
P. O. Box 487
San Jacinto, CA, 92583
Phone: (951) 654 - 2765
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487
San Jacinto, CA, 92581
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov
Cahuilla
Luiseno

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Mile Square Park Improvements Project, Orange County.

July 7, 2020

Gabrielino-Tongva Tribe
Charles Alvarez
23454 Vanowen Street
West Hills, CA 91307

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

Dear Mr. Alvarez:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

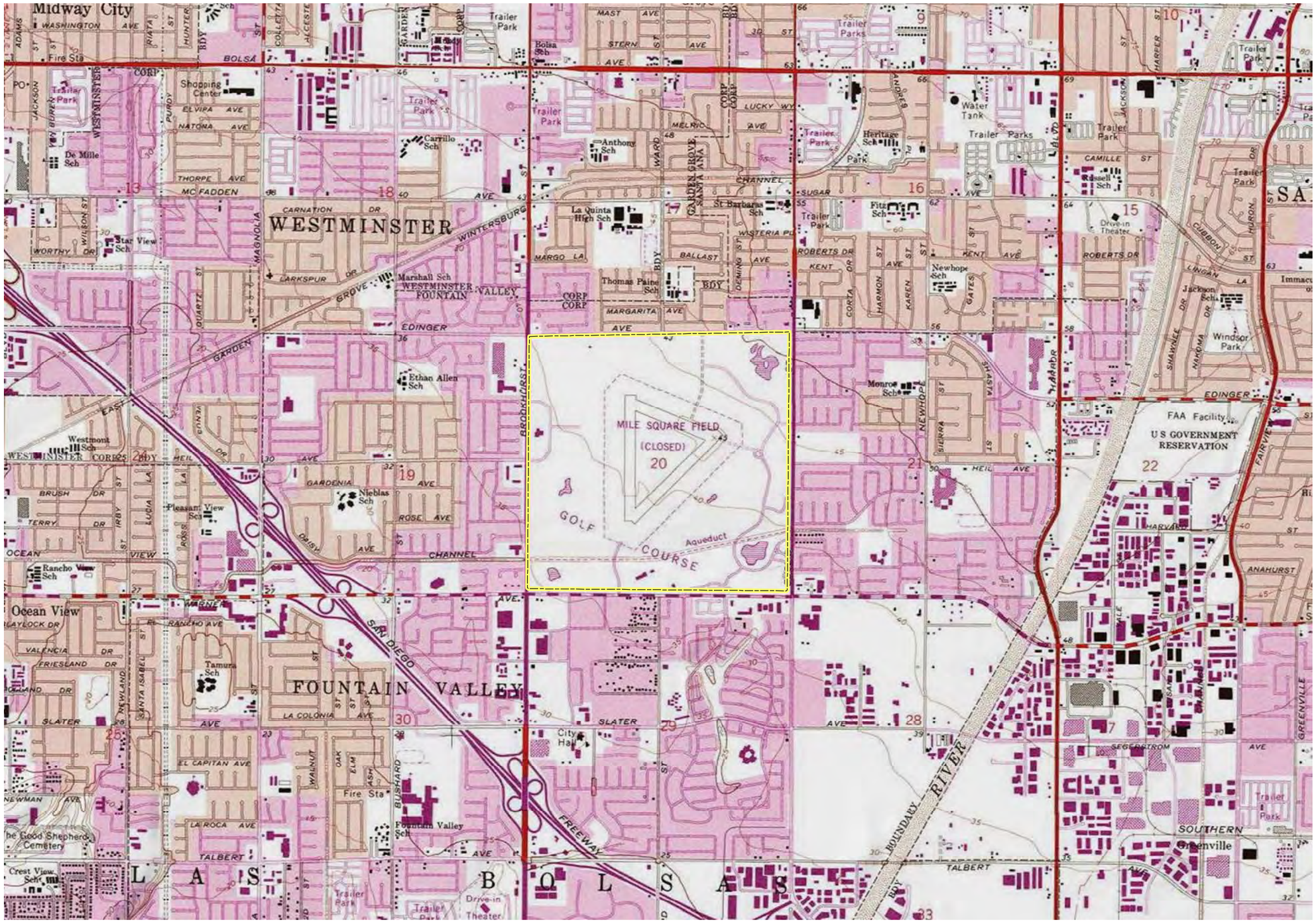
A cultural resources records search for the project identified one archaeological site, a prehistoric lithic scatter within the project area. A cultural resources survey of the project area is pending. The NAHC completed a search of the Sacred Lands File, which was negative for the presence of Native American sacred lands within the project area. The NAHC identify you as a person who may have concerns or knowledge of cultural resources in the project area. Any information you might be able to share about the project area would greatly enhance the study and would be most appreciated.

If you have any recommendations regarding the Project, please address them to me so that I can incorporate them into our draft report. As required by State law, all site data and other culturally sensitive information will not be released to the general public and will be kept strictly confidential. This outreach is for due diligence and is not consultation under AB52 or Section 106. I can be reached at 858-444-3947, or by email at Patrick.McGinnis@icf.com.

Sincerely,

Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure





Legend

Mile Square Park Boundary

0 1,000 2,000 Feet

1:24,000

N

NAHC Map
OC Parks Mile Square Park Master Plan

July 7, 2020

Juaneno Band of Mission Indians Acjachemen Nation - Belardes
Matias Belardes, Chairperson
32161 Avenida Los Amigos
San Juan Capistrano, CA, 92675

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

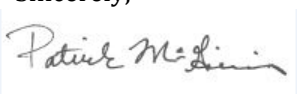
Dear Chairperson Belardes:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

A cultural resources records search for the project identified one archaeological site, a prehistoric lithic scatter within the project area. A cultural resources survey of the project area is pending. The NAHC completed a search of the Sacred Lands File, which was negative for the presence of Native American sacred lands within the project area. The NAHC identify you as a person who may have concerns or knowledge of cultural resources in the project area. Any information you might be able to share about the project area would greatly enhance the study and would be most appreciated.

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Soboba Band of Luiseno Indians
Scott Cozart, Chairperson
P. O. Box 487
San Jacinto, CA, 92583

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

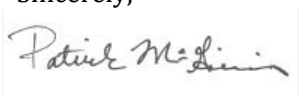
Dear Chairperson Cozart:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Gabrielino Tongva Indians of California Tribal Council
Robert Dorame, Chairperson
P.O. Box 490
Bellflower, CA, 90707

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

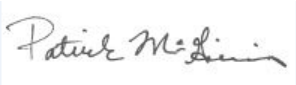
Dear Chairperson Dorame:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Pala Band of Mission Indians
Shasta Gaughen, Tribal Historic Preservation Officer
PMB 50
35008 Pala Temecula Rd.
Pala, CA, 92059

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

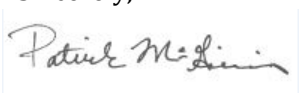
Dear Ms. Gaughen:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231
Los Angeles, CA, 90012

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

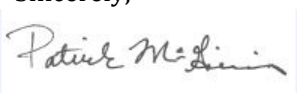
Dear Chairperson Goad:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Gabrieleno/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693
San Gabriel, CA, 91778

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

Dear Chairperson Morales:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,

Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Soboba Band of Luiseno Indians
Joseph Ontiveros
Cultural Resource Department
P. O. Box 487
San Jacinto, CA, 92583

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

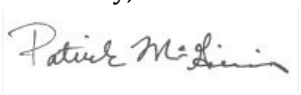
Dear Mr. Ontiveros:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,



Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Juaneno Band of Mission Indians Acjachemen Nation - Belardes
Joyce Perry, Tribal Manager
4955 Paseo Segovia
Irvine, CA, 92603

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

Dear Ms. Perry:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,

Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

July 7, 2020

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393
Covina, CA, 91723

Subject: Mile Square Park Improvements Project – Due Diligence Outreach

Dear Mr. Salas:

Mile Square Regional Park is an expansive 607-acre multi-use facility located in the City of Fountain Valley where it borders the Cities of Santa Ana and Garden Grove. Approximately 65 acres of land located adjacent to Brookhurst is leased to the City of Fountain Valley for recreational purposes, which includes active sports park facilities. The current lease for the Mile Square Golf Course, which encompasses approximately 93 acres, is ending and the County is exploring new uses for this portion of the park. The Master Plan, currently in preparation, is proposing a series of new uses to replace the current golf course in the central portion of the park. As currently proposed, the Master Plan includes expansive open areas for community events, playfields, gardens, ponds, visitor center, camping and wilderness areas, maintenance yards, new roads and parking, and expanded trails, among other uses (Figure attached).

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Sincerely,

Patrick McGinnis, MA
Archaeologist

Encl. Project Location Figure

McGinnis, Patrick

Fri 7/24/2020 12:05 PM

Hi Tanya,

I got a call from Robert Dorame of the Gabrielino Tongva Indians of California Tribal Council. He let us know that his family has lived in the Fountain Valley area and they have found midden locations within Mile Square Park in the past. His brother and nephew knew the exact locations but have passed away. Robert wasn't aware of the exact location. He also mentioned that the area is highly sensitive due to the proximity to the ocean and Santa Ana River. He also mentioned that a large site with human remains has been recently excavated at I-405 and Slater Avenue one mile southwest of the park. Mr. Dorame would like ground disturbance monitored and asked that we convey to the the County that his group would like to consult under AB 52 and that he understood our conversation was for due diligence and not considered part of AB 52 consultation. Let me know if there is anything you would like to discuss. Thanks!

Patrick

Gabrieleno Band of Mission Indians – Kizh Nation
Historically known as The San Gabriel Band of Mission Indians
recognized by the State of California as the aboriginal tribe of the Los Angeles basin

July 16, 2020

Project Name: Mile Square Park Improvements Project -Due Dilligence Outreach

Dear Patrick McGinnis,

Thank you for your letter dated July 7,2020 regarding the above project. Chairman Salas would like to request the contact information of the individual(s) from the lead agency regarding this project. Our Tribal Government would like to provide confidential information in a government to government consultation.

Sincerely,

Mrs. Chairman Salas

Confidential Appendix C

Record Search Results and DPR Forms

Full Confidential Appendix – Provided under a Different Cover

California Historical Resources Information System

CHRIS Data Request Form

ACCESS AND USE AGREEMENT NO.: 67 **IC FILE NO.:** _____

To: South Central Coastal Information Center

Print Name: Rachel Droessler Date: 06/23/20

Affiliation: ICF

Address: 525 B Street, Suite 1700

City: San Diego State: CA Zip: 92101

Phone: (619) 964-6779 Fax: _____ Email: rachel.droessler@icf.com

Billing Address (if different than above): _____

Project Name / Reference: OCPW Mile Square Park Project

Project Street Address: 16801 Euclid St, Fountain Valley, CA 92708

County: Orange

Township/Range/UTMs: T5S R10W S 20 (UTM 11S 412464 3731899)

USGS 7.5' Quad(s): Newport Beach

PRIORITY RESPONSE (Additional Fee): yes / no

TOTAL FEE NOT TO EXCEED: $_____

Special Instructions:

Information Center Use Only

Date of CHRIS Data Provided for this Request: _____

Confidential Data Included in Response: yes / no

Notes: _____

CHRIS Data Request Form

Include the following information (mark as necessary) for the records search area(s) shown on the attached map(s) or included in the associated shapefiles. Shapefiles are the current CHRIS standard format for digital spatial data products.

NOTE: All digital data products are subject to availability - check with the appropriate Information Center.

1. **Map Type Desired:** Digital map products will be provided only if they are available at the time of this request. *Regardless of what is requested*, only hard copy hand-drawn maps will be provided for any part of the requested search area for which digital map products are not available at the time of this request**.**
There is an additional charge for shapefiles, whether they are provided with or without Custom GIS Maps.

Mark one map choice only

Custom GIS Maps Shapefiles Custom GIS Maps **and** Shapefiles Hard Copy Hand-Drawn Maps **only**

Any selection below left unmarked will be considered a "no. "

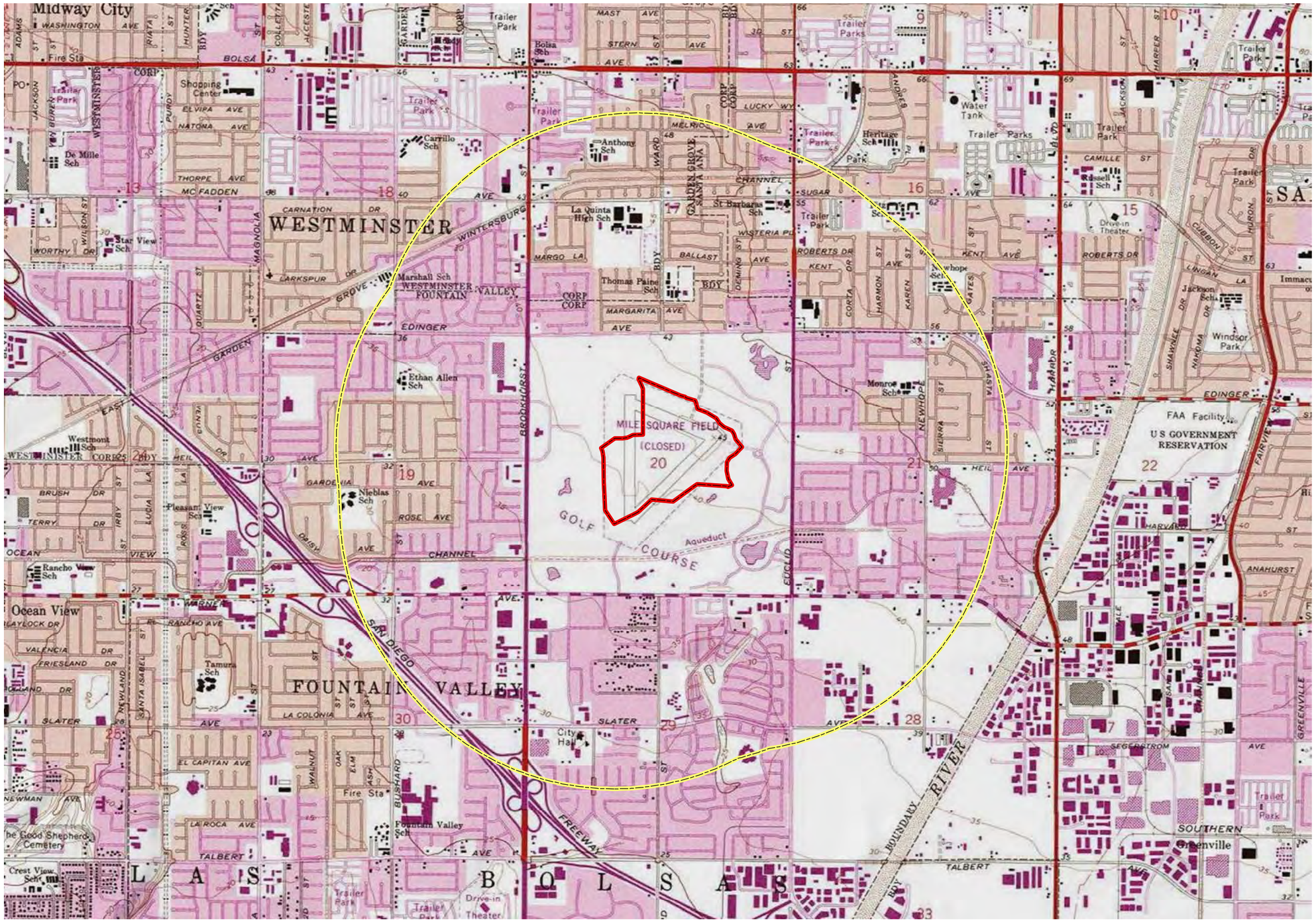
2a.	Within project area	Within 1 mi radius
ARCHAEOLOGICAL Resource Locations+	yes / no	yes / no
NON-ARCHAEOLOGICAL Resource Locations	yes / no	yes / no
Report Locations+	yes / no	yes / no
Resource Database Printout* (list)	yes / no	yes / no
Resource Database Printout* (detail)	yes / no	yes / no
Resource Digital Database Records (spreadsheet)+	yes / no	yes / no
Report Database Printout* (list)	yes / no	yes / no
Report Database Printout* (detail)	yes / no	yes / no
Report Digital Database Records (spreadsheet)+	yes / no	yes / no
ARCHAEOLOGICAL Resource Record copies+*	yes / no	yes / no
PDF / Hard Copy		
NON-ARCHAEOLOGICAL Resource Record copies*	yes / no	yes / no
PDF / Hard Copy		
Report copies+*:	yes / no	yes / no
PDF / Hard Copy		
	Only directory listing	Associated documentation
OHP Historic Properties Directory**		
within project area	yes / no	yes / no
within 1 mi radius	yes / no	yes / no
OHP Archaeological Determinations of Eligibility+		
within project area	yes / no	yes / no
within 1 mi radius	yes / no	yes / no
***California Inventory of Historical Resources* (1976):**		
within project area	yes / no	yes / no
within 1 mi radius	yes / no	yes / no

+ **In order to receive archaeological information, requestor must meet qualifications as specified in Section III of the current version of the California Historical Resources Information System Information Center Rules of Operation Manual and be identified as an Authorized User under an active CHRIS Access and Use Agreement**.
* These documents may be supplied as PDF files, if available
** Includes, but is not limited to, information regarding National Register of Historic Places, California Register of Historical Resources, California State Historical Landmarks, California State Points of Historical Interest, and historic building surveys.

CHRIS Data Request Form

2b. Listed below are sources of additional information that may be available at the Information Center. Indicate if a review and documentation of any of the following types of information is requested.

Caltrans Bridge Survey	yes / no
Ethnographic Information	yes / no
Historical Literature	yes / no
Historical Maps	yes / no
Local Inventories	yes / no
GLO and/or Rancho Plat Maps	yes / no
Shipwreck Inventory	yes / no
Soil Survey Maps	yes / no





Legend

- One-Mile Buffer
- Project Area

0 1,000 2,000 Feet

1:24,000

N

Records Search Map
OC Parks Mile Square Park Master Plan

South Central Coastal Information Center
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California Historical Resources Information System
Orange, Los Angeles, and Ventura Counties

7/30/2020 Records Search File No.: 21465.7585

Rachel Droessler
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Re: Records Search Results for the OCPW Mile Square Park Project

The South Central Coastal Information Center received your records search request for the project area referenced above, located on the Newport Beach, CA USGS 7.5' quadrangle. Due to the COVID-19 emergency, we have temporarily implemented new records search protocols. With the exception of some reports that have not yet been scanned, we are operationally digital for Los Angeles, Orange, and Ventura Counties. See attached document for your reference on what data is available in this format. The following reflects the results of the records search for the project area and a 1-mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☐ custom GIS maps ☒ shape files ☐ hand drawn maps

Resources within project area: 0	NONE
Resources within 1-mile radius: 2	SEE ATTACHED LIST
Reports within project area: 2	OR-00964, OR-01143
Reports within 1-mile radius: 20	SEE ATTACHED LIST

Resource Database Printout (list):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Database Printout (details):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Digital Database (spreadsheet):	☒ 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 (spreadsheet):	☒ enclosed	☐ not requested	☐ nothing listed
Resource Record Copies:	☒ enclosed	☐ not requested	☐ nothing listed
Report Copies:	☐ enclosed	☒ not requested	☐ nothing listed
OHP Built Environment Resources Directory (BERD) 2019:	☒ available online; please go to https://ohp.parks.ca.gov/?page_id=30338		
Archaeo Determinations of Eligibility 2012:	☐ enclosed	☐ not requested	☒ nothing listed
Historical Maps:	☒ enclosed	☐ not requested	☐ nothing listed

Ethnographic Information: ☒ not available at SCCIC
Historical Literature: ☒ not available at SCCIC
GLO and/or Rancho Plat Maps: ☒ not available at SCCIC
Caltrans Bridge Survey: ☒ not available at SCCIC; please go to http://www.dot.ca.gov/hq/structur/strmaint/historic.htm
Shipwreck Inventory: ☒ not available at SCCIC; please go to http://shipwrecks.slc.ca.gov/ShipwrecksDatabase/Shipwrecks_Database.asp
Soil Survey Maps: (see below) ☒ not available at SCCIC; please go to http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

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, reference the record search number listed above when making inquiries. Requests made after initial invoicing will result in the preparation of a separate invoice.

Thank you for using the California Historical Resources Information System,

Michelle Galaz
Assistant Coordinator

Enclosures:

(X) Emergency Protocols for LA, Orange, and Ventura County BULK Processing Standards – 2 pages

(X) GIS Shapefiles – 24 shapes

(X) Resource Database Printout (list) – 1 page

(X) Resource Database Printout (details) – 2 pages

(X) Resource Digital Database (spreadsheet) – 2 lines

(X) Report Database Printout (list) – 6 pages

(X) Report Database Printout (details) – 28 pages

(X) Report Digital Database (spreadsheet) – 22 lines

(X) Resource Record Copies – (all) – 35 pages

(X) Historical Maps – 4 pages

Emergency Protocols for LA, Orange, and Ventura County BULK or SINGLE PROJECT Records Searches IF YOU HAVE A GIS PERSON ON STAFF ONLY!!

These instructions are for qualified consultants with a valid Access and Use Agreement.
WE ARE ONLY PROVIDING DATA THAT IS ALREADY DIGITAL AT THIS TIME.

Some of you have a fully digital operation and have GIS staff on board who can process a fully digital deliverable from the Information Center. IF you can accept shape file data and do not require a custom map made for you by the SCCIC, and you are willing to sort the data we provide to you then these instructions are for you. Read further to be sure. You may have only one project at this time or some of you have a lot of different search locations that can be processed all at once. This may save you a lot of time getting results back and if we process your jobs in bulk, and you may enjoy significant cost savings as well.

Bulk processing will work for you if you have a GIS person on staff who can sort bulk data for you and make you any necessary project maps. This type of job can have as many job locations as you want but the point is that we will do them in bulk – at the same time - not one at a time. We send all the bulk data back to you and you sort it. This will work if you need searches in LA, Orange, or Ventura AND if they all have the same search radius and if all the other search criteria is the same– no exceptions. This will not work for San Bernardino County because we are not fully digital for San Bernardino County. You must submit all your shape files for each location at the same time and this will count as one search. If you have some that need a different radius, or different search criteria, then you should submit that job separately with its own set of instructions.

INSTRUCTIONS FOR BULK PROCESSING:

Please send in your requests via email using the data request form along with the associated shape files and pdf maps of the project area(s) at 1-24k scale. PDFs must be able to be printed out on 8.5X 11 paper. We check your shape file data against the pdf maps. This is where we find discrepancies between your shape files and your maps. This is required.

Please use this data request form and make sure you fill it out properly.
http://web.sonoma.edu/nwic/docs/CHRISDataRequestForm.pdf

DELIVERABLES:

1. A copy of the Built Environment Resources Directory or BERD for Los Angeles, Orange, Ventura, or San Bernardino County can now be found at the OHP Website for you to do your own research. This replaces the old Historic Properties Directory or HPD. We will not be searching this for you at this time but you can search it while you are waiting for our results to save time.

2. You will only get shapefiles back, which means that you will have to make your own maps for each project location.

3. You will get a bulk processed bibliographies for resources and reports as selected; you will not get individual bibliographies for each project location.

4. You will get pdfs of resources and reports if you request them, provided that they are in digital formats. We will not be scanning records or reports at this time.

5. You will get one invoice for the bulk data processing. We can't bill this as individual jobs on separate invoices for you. If there are multiple project names, we are willing to reference all the job names on the invoice if needed. If there a lot of job id's we may ask you to send them in an email so that we can copy and paste it into the invoice details. If you need to bill your clients for the data, you can refer to our fee schedule on the OHP website under the CHRIS tab and apply the fees accordingly.

6. We will be billing you at the staff rate of $150 per hour and you will be charged for all resources and report locations according to the "custom map charges". This is in lieu of the $12 per GIS shape file data fee that we normally charge for GIS files and this will only apply during the Covid 19 emergency. You will also be billed 0.15 per pdf page, or 0.25 per excel line as is usual.

7. Your packet will be mailed to you on a CD or via Dropbox if you have an account. We use 7-zip to password protect the files so you will need both. We email you the password.

I may not have been able to cover every possible contingency in this set of instructions and will update it if necessary. You can email me with questions at sccic@fullerton.edu

Thank you,

Stacy St. James

South Central Coastal Information Center

Los Angeles, Orange, Ventura, and San Bernardino Counties

Appendix E

Limited Geological Exploration Report

NMG Geotechnical, Inc.

November 3, 2020

Project No. 18055-01

To: EPT Design
401 Glenneyre Street
Laguna Beach, California 92651

Attention: Mr. Steve Burkel

Subject: Limited Geotechnical Exploration and Design Recommendations for Mile Square Park Golf Course Conversion, Phase 1, Mile Square Regional Park, City of Fountain Valley, California

INTRODUCTION

In accordance with your request, NMG Geotechnical, Inc. (NMG) has performed a geotechnical exploration and review of the 50% construction plan for the Phase 1 golf course conversion and improvements at Mile Square Regional Park, in the city of Fountain Valley, California. The purpose of this study was to evaluate the geotechnical site conditions in light of the proposed improvements. This report presents a summary of our findings and provides our conclusions and recommendations for design, grading and construction of the subject improvements.

ATTACHMENTS

Figure 1 – Site Location Map – Rear of Text
Figure 2 – Retaining Wall Drainage Detail – Rear of Text
Plate 1 – Geotechnical Map – In Pocket
Appendix A – References
Appendix B – Boring Logs
Appendix C – Laboratory Test Results
Appendix D – Seismic Design Data
Appendix E – General Earthwork and Grading Specifications

SCOPE OF WORK

Our scope of work for this investigation included the following tasks:

- Review of geotechnical information pertaining to the subject site, including regional geologic maps, historic groundwater data, seismic hazard maps, and prior geotechnical reports (Appendix A).
- Site reconnaissance to identify the existing site conditions and marking of boring locations.
- Notification of and coordination with DigAlert and golf course management to identify and locate any underground utilities.
- Drilling, logging, and sampling of eight hand-auger borings (HA-1 through HA-8) to depths of approximately 5.5 to 8.5 feet below existing ground surface (bgs). Relatively undisturbed soil samples were obtained from the borings. Bulk samples were also collected during the exploration. Boring logs are included in Appendix B.
- Laboratory testing to classify the onsite soils and evaluate in-situ moisture and density, maximum dry density, expansion index and sulfate content (Appendix C).
- Geotechnical analysis of subsurface data collected during our field exploration and laboratory testing to evaluate the engineering properties of the onsite soil as they pertain to the proposed improvements.
- Preparation of this report, including our findings, conclusions, and recommendations for project design, grading, and construction.

SITE LOCATION AND PROPOSED IMPROVEMENTS

The subject site is located within the existing Mile Square Golf Course at Mile Square Regional Park (MSRP) in the city of Fountain Valley, California. MSRP is bound by Edinger Avenue to the north, Euclid Street to the east, Warner Avenue to the south, and Brookhurst Street to the west. The specific project area is centrally located within MSRP, southeast of Fountain Valley Sports Park, south of David L. Baker Golf Course and Camp Sycamore, and east of the archery range public baseball fields (see Figure 1 – Site Location Map). The approximately 96-acre site is currently an active part of Mile Square Golf Course, with six pond features included within the project area.

The proposed improvements at the site consist of grading and construction of various trails that are 8- to 20-feet wide. The trails are primarily intended for pedestrian use, with the wider trail intended to be constructed for vehicular use by security, maintenance, and occasional emergency trucks.

The pedestrian trails will consist of a combination of the existing concrete golf cart paths and planned 8-foot-wide paths covered with decomposed granite. The vehicular trails (12- to 20-feet wide) are planned to be paved with a combination of Asphalt Concrete (AC), Portland Cement

Concrete (PCC), and Decomposed Granite (DG). Primary access to the site will be through the existing vehicular access road, adjacent to Camp Sycamore and the archery range.

PLAN REVIEW

We have reviewed the 50% construction plans tilted "Mile Square Park Golf Course Conversion, Phase 1" dated October 12, 2020, prepared by EPT Design and Fuscoe Engineering. Based on review of the subject grading and construction plan, elevations across the project will range from approximately 37 to 51 feet above mean sea level. Precise grading will consist of relatively minor cuts and fills, generally on the order of 1 to 2 feet, and locally up to 5 feet at existing topographically high knolls that will be lowered or low-lying golf sand traps that will require infilling.

We have reviewed Sheets T0.00, T0.01, C1.01 through C1.22, L1.01 through L1.22, and L1.51 of the subject plan set. Sheets T0.00 and T0.01 contain vicinity, location and index maps, a sheet index, and legend. Sheets C1.01 through C1.22 contain the precise grading and utility plan. Sheets L1.01 through L1.22 are the construction plan sheets and notes. Sheet L1.51 contains the construction details. Improvements noted for the subject project include the following:

- Location and finish surface elevations for concrete and decomposed granite trail network and vehicular access roads;
- Location of concrete pads for picnic tables and portable restrooms; and
- Location of screen fencing;

Utility plans were not included as part of the 50% submittal plan set.

GEOTECHNICAL EXPLORATION

Our field exploration was conducted on October 6, 2020 and included excavation of eight 4-inch-diameter, hand-augered borings (HA-1 through HA-8) to depths ranging from 5.5 to 8.5 feet bgs. The borings were geotechnically logged, and in-situ and bulk samples were collected at selected intervals.

We obtained relatively undisturbed soil ring samples in the borings with a 2.5-inch, inside-diameter, split-barrel sampler. Representative bulk samples of onsite soil were collected from the drill cuttings and used for additional laboratory testing. Groundwater was encountered in seven of the eight borings, as documented in the follow section. The borings were backfilled with cuttings and tamped. The approximate boring locations are shown on the Geotechnical Map (Plate 1). The boring logs are provided in Appendix B.

GEOTECHNICAL SITE CONDITIONS

The project area is located in the southeastern portion of the Downey Plain, west of the Santa Ana River. The site is mapped by the United States Geologic Survey (Morton, D.M., and Miller, F.K., 2006) as underlain by a thick sequence of Quaternary-aged alluvial deposits composed of predominately silty and sandy soils.

Based on our geotechnical exploration, the upper 3.5 to 6.5 feet consists of undocumented artificial fill overlying native alluvial soils. The artificial fill materials consisted of light yellowish-brown to gray clean sand to silty sands that are moist to wet and loose to medium dense. The native alluvial soils encountered below the artificial fill consisted of interlayered light yellowish-brown, brown, gray, and dark gray silty fine sand and silt that was wet to saturated.

The following includes a summary of the subsurface geotechnical conditions based on the laboratory test results. Laboratory test results are included in Appendix C.

Soil Moisture Content and Dry Density: The in-situ moisture content ranged from 3.0 to 37.0 percent with dry densities in the range of 86.6 to 102.2 pounds per cubic foot (pcf).

Maximum Dry Density and Optimum Moisture Content: One sample collected from artificial fill materials had a maximum dry density of 115.0 pcf and an optimum moisture content of 11.0 percent.

Expansion Potential: Two samples collected from existing near-surface artificial fill materials had a "very low" expansion potential with expansion indices of 0 and 15.

Soil Corrosivity: The soluble sulfate exposure of one sample collected from artificial fill materials was classified as "S0" (negligible) per Table 19.3.1.1 of ACI-318-14.

GROUNDWATER

Groundwater was encountered in seven of the eight borings drilled at the site at depths ranging from 3.2 to 7.5 feet bgs. The variability in depth to groundwater was largely a function of the existing topography (highs/lows) related to its current use as a golf course. Approximate groundwater elevations, as encountered during our exploration, are shown on Plate 1.

Mapping by the California Geological Survey (Formerly, California Division of Mines and Geology) indicates that historic high groundwater levels are 5 feet below ground surface (bgs) (CDMG, 1997). Also, boring data by others for prior improvement projects at MSRP indicate groundwater has been encountered between 4 to 15 feet bgs (Geo-Etka, 2007, Geotechnical Professionals, 2011, and GeoTek, 2016).

REGIONAL FAULTING AND SEISMIC HAZARDS

The site is not located within a fault-rupture hazard zone as defined by the Alquist-Priolo Special Studies Zones Act (CGS, 2018) and no evidence of active faulting was observed during the recent site exploration. Also, based on mapping by the State (Jennings, 2010), there are no active faults mapped at the site. Using the USGS de-aggregation computer program (2020) and the site coordinates of 33.7234 degrees north latitude and -117.9455 degrees west longitude, the closest major active fault to the site is the San Joaquin Hills Blind Thrust Fault, 3.8 miles southwest of the site.

The California Geological Survey has developed seismic hazard maps as part of the Seismic Hazards Mapping Act of 1991. The subject site is located within a zone of potential liquefaction (CDMG, 1998). Based on the limited nature of the proposed improvements, this was not evaluated as part of our scope of work.

CONCLUSIONS AND RECOMMENDATIONS

1. General Conclusions

Based on our geotechnical exploration, review of the conceptual plan and the referenced reports, the proposed improvements and construction, as described herein, are considered geotechnically feasible. The following recommendations should be implemented during design and construction. Our recommendations are considered minimum and may be superseded by more stringent requirements of the County of Orange or others.

Additional laboratory testing may be needed at the completion of grading in order to confirm the subgrade soil conditions and the design parameters provided herein.

2. Grading Recommendations

Following demolition of the existing improvements, and prior to grading, the site should be cleared of deleterious materials (including vegetation, pavement, concrete, and existing utility pipelines) and disposed of offsite. In general, we recommend the remedial removals along the vehicular loop access road consist of the removal and re-compaction of the upper 2 feet, below existing or design grades (whichever is lower). This removal will provide at least 2 feet of compacted fill below the road and help reduce potential distress to the improvements due to differential movement of subgrade soils.

Removals within the unpaved pedestrian trails may be limited to removal and re-compaction of the upper 1 foot, below existing or design grades (whichever is lower).

A portion of the primary 20-foot-wide vehicular trail is planned to cross the southern portion of an existing pond at the southwestern corner of the site. We understand that the footprint of the existing pond will be reduced and filled with soil materials. Prior to placement of fill soils, we recommend that any soft soils at the bottom of the pond are removed to expose competent soils approved by the geotechnical consultant. We anticipate that the existing pond will be drained prior to grading and construction. Depending on the presence and/or quality of the pond liner (if any), soils below the pond may be saturated or near the groundwater table. Localized dewatering with a sump pump-type operation and stabilization of the removal bottom surface with gravel and/or geotextile may be required for workability and to properly place compacted fill.

3. General Earthwork and Grading Standards

Grading and fill placement should be performed in accordance with the County of Orange Grading Manual and Excavation Code and the General Earthwork and Grading Specifications included in Appendix E of this report. Geotechnical observation and testing should be performed during grading, excavation, and backfill operations. Prior to placement of additional fill, the bottom materials should be scarified, moisture-conditioned and recompacted. Fill materials should be compacted to at least 90 percent of maximum dry density, as determined by ASTM Test Method D1557.

Fill materials should be placed in loose lifts no thicker than 8 inches. Materials should be moisture-conditioned and processed, as necessary, to achieve uniform moisture content that is within moisture limits required to assure adequate bonding and compaction. Fills placed against ground sloping more than 5H:1V should be keyed and benched into competent material as the new fill is placed.

Onsite materials which are relatively free of deleterious material should be suitable for use as general compacted fill. If import soils are required, they should be evaluated by the geotechnical and environmental consultants prior to transport to the site to verify suitability.

4. Protection of Existing Improvements and Utilities

Existing improvements and utilities that are to be protected in-place should be located and visually marked prior to demolition and grading operations. Excavations adjacent to improvements to be protected in-place or any utility easement should be performed with care so as not to destabilize the adjacent ground. Utility lines that are to be abandoned (if any) should be removed and the excavation should be backfilled and compacted in accordance with the recommendations provided herein.

Stockpiling of soils (more than 5 feet in height) at or near existing structures and over utility lines that are to remain in-place (if any) should not be allowed without review by the geotechnical consultant and the structure/utility line owner(s).

5. Trench Excavation and Backfill

Trench excavations should be stabilized per the latest edition of Cal/OSHA requirements (shoring, benching, shield systems, or laying back of trench walls). Some onsite soils consist of non-cohesive, friable sandy and silty sandy soils and/or may be below groundwater and should be classified as Type "C" per Title 8 California Code of Regulations, which indicate that for works in confined conditions, the steepest allowable slopes are 1.5:1 (horizontal to vertical) for excavations less than 20 feet deep. For excavations less than 20 feet in depth, the contractor should use the published OSHA shoring systems and follow their construction requirements. The contractor's qualified person should verify compliance with Cal/OSHA requirements.

We recommend that shoring with continuous/solid sheeting or trench shields be used during construction. The stability of deeper excavations will require construction consideration, particularly during the installation and removal of the temporary shoring. Highly friable sands may be prone to lateral movement and failure if left unsupported. Even minor lateral movements can result in cracking of the adjacent pavement or improvements. Excavations may also expose trench backfill from adjacent utilities and improvements that may be loose or friable. The contractor should select the appropriate type of temporary shoring, excavation, and backfill methods. The contractor is also responsible to provide a competent person to conduct daily inspections.

Heavy construction loads and stockpiles of excavated soils should be kept away from the edge of the trench, at minimum, a distance equal to the depth of the excavation. Otherwise, these surcharges will need to be considered for the design of the shoring system.

Onsite soils should be suitable for use as trench backfill. Trenches should be either backfilled with onsite soil and compacted to a minimum 90 percent relative compaction, or backfilled with clean sand (SE 30 or better), which can be densified with water jetting and flooding. If select granular backfill is used in lieu of onsite soils, it should also be compacted to a minimum 90 percent relative compaction. Proper placement and compaction of trench backfill is essential to minimize the potential for future settlement and soil movements that can adversely impact the future improvements. Trenches excavated next to structures and foundations/footings should also be properly backfilled and compacted to provide full lateral support and reduce settlement potential

6. Groundwater

Groundwater is not anticipated to be encountered during the majority of the limited grading for the access road and trail networks. However, other utility or construction excavations extending 3 or more feet below existing grade may encounter groundwater. Wet or saturated soils may be encountered above this depth. Shallow groundwater may also be encountered during grading and remedial removal operations within the existing lake in the southwestern portion of the site, as discussed in Section 2 (Grading Recommendations).

7. Allowable Bearing Capacity

For preliminary design, a net allowable bearing capacity of 1,800 psf may be assumed for a 12-inch-wide footing embedded 12 inches below the lowest adjacent grade. The allowable bearing pressure may be increased by 800 psf for each additional foot of embedment in approved material and by 300 psf for each additional foot of width up to a maximum value of 2,500 psf. The allowable bearing pressure may be increased by one-third for wind and seismic loading. For lateral resistance against sliding, a friction coefficient of 0.35 may be used at the soil-foundation interface. Also, a soil unit weight of 120 pcf may be assumed for onsite soils.

8. Settlement

The proposed grading and the anticipated additional loads associated with the proposed improvements are not anticipated to result in significant settlement at the site. Future improvements at the site, if any, should be reviewed by the geotechnical consultant to evaluate the potential settlement due to the anticipated loads.

9. Lateral Earth Pressures

No retaining structures have been proposed at the site, however, if future retaining structures are anticipated, the following lateral earth pressures may be used preliminarily for the onsite soils in drained conditions. These values should be evaluated and/or revised based upon the final as-graded conditions.

Equivalent Fluid Pressure (psf/ft.)	
Conditions	*Level*
Active	45
At Rest	65
Passive	320

Soils that have high expansion potential and oversize rocks should not be used in the wall backfill. To design an unrestrained retaining wall, such as a cantilever wall, the active earth pressure may be used. For a restrained retaining wall, such as a vault or at restrained wall corners, the at-rest pressure should be used. Passive pressure is used to compute lateral soils resistance developed against lateral structural movement. Further, for sliding resistance the friction coefficient of 0.35 may be used at the concrete and soil interface. In addition, the passive resistance is taken into account only if it is ensured that the soil against embedded structure will remain intact with time.

NMG's typical retaining wall drainage detail is included as Figure 2.

Proper surface drainage, such as a concrete V-ditch, should also be provided along the top of walls. Down drains (outlets) for surface drainage should not be tied into the subdrain system for walls, they should be outlet separately.

10. Vehicular Pavements

The following pavement section alternatives are recommended for the vehicular trail areas at the site based on the assumption that the trails will experience light maintenance/security vehicle with occasional heavier emergency vehicle traffic.

AC Pavement - 3-inch AC over 6-inches Aggregate Base (AB).

PCC Pavement - 5-inch PCC reinforced with No. 4 rebar at 24 inches on-center, both ways, over compacted subgrade. Control joints should also be provided at a maximum spacing of 10 feet and be one quarter of the total thickness.

In addition, lateral restraint such as a concrete strip or other approved methods should be provided along the edges of the trail. The concrete strip should be a minimum of 4 inches wide and 8 inches deep. Alternatively, thickened edges should be provided along the edges of the pavement. The thickened edges should be a minimum of 12 inches wide and 2 inches below the bottom of the pavement section.

The subgrade soils should be scarified to a minimum depth of 6 inches, moisture-conditioned as needed, and recompacted in-place to a minimum of 90 percent relative compaction (per ASTM D1557). If concrete is to be placed directly over the subgrade, the subgrade materials in the upper 6 inches should be compacted to a minimum of 95 percent relative compaction (per ASTM D1557).

AB materials can be crushed aggregate base or crushed miscellaneous base in accordance with the Greenbook (Section 200-2). The materials should be free of any deleterious materials. Aggregate base materials should be placed in 6- to 8-inch-thick loose lifts, moisture-conditioned as necessary, and compacted to a minimum of 95 percent relative compaction (per ASTM D1557).

11. Decomposed Granite

In general, the decomposed granite (DG) paving should be designed and constructed in accordance with the manufacturer's specifications. Prior to placement of DG, the subgrade soils should be

scarified to a minimum depth of 6 inches, moisture-conditioned to slightly over optimum moisture content, and recompacted in-place to a minimum of 90 percent relative compaction (per ASTM D1557). AB materials (if any) should be placed in 6- to 8-inch-thick loose lifts, moisture-conditioned as necessary, and compacted to a minimum of 95 percent relative compaction (per ASTM D1557). The approved DG material should be moisture-conditioned to slightly over optimum moisture content, spread in loose lifts of no more than 6 inches and compacted in-place to a minimum of 95 percent relative compaction (per ASTM D1557). DG surface should be stabilized per manufacturer's recommendations.

12. Exterior Concrete (Non-Structural)

Exterior concrete elements such as curb and gutter, driveways and sidewalks are susceptible to lifting and cracking when constructed over expansive soils. With expansive soils, the impacts to flatwork/hardscape can be significant, generally requiring removal and replacement of the affected improvements. Please also note that reducing concrete problems is often a function of proper slab design; concrete mix design, placement, and curing/finishing practices. Adherence to guidelines of the American Concrete Institute (ACI) is recommended. Also, the amount of post-construction watering, or lack thereof, can have a very significant impact on the adjacent concrete flatwork.

For reducing the potential effects of expansive soils, we recommend a combination of presaturation of subgrade soils; reinforcement; moisture barriers/drains; and a sublayer of granular material. Though these types of measures may not completely eliminate adverse impacts, application of these measures can significantly reduce the impacts from post-construction expansion of soil. The degrees and combinations of these measures will depend upon:

- The expansion potential of the subgrade soils;
- The potential for moisture migration to the subgrade;
- The feasibility of the measures (especially presaturation); and
- The economics of these measures versus the benefits.

These factors should be weighed by the project owner determining the measures to be applied on a project-by-project basis, subject to the requirements of the local building/grading department.

The following table provides our recommendations for varying expansion characteristics of subgrade soils. Additional considerations are also provided after the table. We recommend that the "Low" category be used during design and construction.

TYPICAL RECOMMENDATIONS FOR CONCRETE FLATWORK/HARDSCAPE

Recommendations	Expansion Potential (Index)				
	Very Low (<20)	***Low (20 – 50)***	***Medium (51 – 90)***	***High (91 – 130)***	***Very High (> 130)***
***Slab Thickness (Min.)**:* Nominal thickness except where noted.	4"	**4"**	4"	4"	4" Full
Subbase: Thickness of sand or gravel layer below concrete	N/A	**N/A**	Optional	2" – 4"	2" – 4"
Presaturation: Degree of optimum moisture content (opt.) and depth of saturation	Pre-wet Only	**1.1 x opt. to 6"**	1.2 x opt. to 12"	1.3 x opt. to 18"	1.4 x opt. to 24"
Joints: Maximum spacing of control joints. Joint should be ¼ of total thickness	10'	**10'**	8'	6'	6'
Reinforcement**:** Rebar or equivalent welded wire mesh placed near mid-height of slab	N/A	**N/A**	Optional (WWF 6 x 6 – W1.4xW1.4)	No. 3 rebar, 24" O.C. both ways or equivalent wire mesh	No. 3 rebar, 24" O.C. both ways
Restraint**:** Slip dowels across cold joints; between sidewalk and curb	N/A	**N/A**	Optional	Across cold joints	Across cold joints (and into curb)

The more expansive soils, because they are clayey, can take significantly longer to achieve recommended presaturation levels. Therefore, the procedure and timing should be carefully planned in advance of construction. For exterior slabs, the use of a granular sublayer is primarily intended to facilitate presaturation and subsequent construction by providing a better working surface over the saturated soil. It also helps retain the added moisture in the native soil in the event that the slab is not placed immediately. Where these factors are not significant, the layer may be omitted.

On projects with highly expansive soils, additional measures, such as thickened concrete edges/footings, subdrains and/or moisture barriers, should be considered where planter or natural areas with irrigation are located adjacent to the concrete improvements. Design and maintenance of proper surface drainage is also very important. If the concrete will be subject to heavy loading from cars/trucks or other heavy objects, thicker slabs should be used.

The above recommendations typically are not applied to curb and gutter, but should be considered in areas with highly expansive soils.

13. Seismic Design Criteria

The following table summarizes the seismic design criteria for the subject site. The seismic design parameters are developed in accordance with ASCE 7-16 and 2019 CBC (Appendix D). Please note that considering the proposed structures and the anticipated structural periods, site-specific ground hazard analysis was not performed for the site. The seismic design coefficient, C_s, should be determined per the parameters provided below and using equation 12.8-2 of ASCE 7-16.

Selected Seismic Design Parameters from 2019 CBC/ASCE 7-16	***Seismic Design Values***	***Reference***
Latitude	33.7234 North	
Longitude	-117.9455 West	
Controlling Seismic Source	Newport-Inglewood	USGS, 2020a
Distance to Controlling Seismic Source	4.4 mi	USGS, 2020a
Site Class per Table 20.3-1 of ASCE 7-16	D	
Spectral Acceleration for Short Periods (Ss)	1.34 g	SEA/OSHPD, 2020
Spectral Accelerations for 1-Second Periods (S1)	0.48 g	SEA/OSHPD, 2020
Site Coefficient F_a, Table 11.4-1 of ASCE 7-16	1	SEA/OSHPD, 2020
Site Coefficient F_v, Table 11.4-2 of ASCE 7-16	1.82	
Design Spectral Response Acceleration at Short Periods (S_{DS}) from Equation 11.4-3 of ASCE 7-16	0.89 g	SEA/OSHPD, 2020
Design Spectral Response Acceleration at 1-Second Period (S_{D1}) from Equation 11.4-4 of ASCE 7-16	0.58 g	
T_S, S_{D1}/ $S_{DS,}$ Section 11.4.6 of ASCE 7-16	0.65 sec	
T_L, Long-Period Transition Period	8 sec	SEA/OSHPD, 2020
Peak Ground Acceleration (PGA_M) Corrected for Site Class Effects from Equation 11.8-1 of ASCE 7-16	0.63 g	SEA/OSHPD, 2020
Seismic Design Category, Section 11.6 of ASCE 7-16	D	

14. Surface Drainage

Maintenance of proper drainage, the design and construction of property improvements in accordance with sound engineering practices and proper maintenance of landscaping, including regular pad and slope irrigation, should be performed. Irrigation should not be excessive or sporadic; maintaining a relatively constant level of soil moisture around structures and improvements is important. Planters and landscape areas immediately adjacent to pavements and structures should be avoided or provided with measures to mitigate the potential for water adversely impacting the improvements.

15. Geotechnical Observation and Testing

The geotechnical consultant should perform geotechnical observation and testing during the following phases of grading and construction:

- During site preparation and clearing;
- During earthwork operations, including excavation, scarification, and overexcavation;
- During grading and placement of compacted fill;
- During and upon completion of trench excavation;
- During construction and backfill of utility lines and/or structures;
- During installation of temporary shoring, if any;
- During pavement subgrade preparation;
- During aggregate base compaction;
- Upon completion of footing excavations prior to placement of reinforcement or concrete; and
- When any unusual or unexpected geotechnical conditions are encountered during grading and construction.

LIMITATIONS

This report has been prepared for the exclusive use of our client, EPT Design, within the specific scope of services requested by our client for the design and construction of the subject improvements. This report or its contents should not be used or relied upon for other projects or purposes or by other parties without the written consent of NMG. Our methodology for this study is based on local geotechnical standards of practice, care, and requirements of governing agencies. No warranty or guarantee, express or implied is given.

The findings, conclusions, and recommendations are professional opinions based on interpretations and inferences made from geologic and engineering data from specific locations and depths, observed or collected at a given time. By nature, geologic conditions can be very different in between points, and can also change over time. Our conclusions and recommendations are subject to verification and/or modification with more exploration and/or during grading and construction when more subsurface conditions are exposed.

NMG's expertise and scope of services did not include assessment of potential subsurface environmental contaminants or environmental health hazards.

If you have any questions regarding this report, please contact the office. We appreciate the opportunity to provide our services.

Respectfully submitted,

NMG GEOTECHNICAL, INC.

Anthony Zepeda, CEG 2681
Project Geologist

Shahrooz "Bob" Karimi, RCE 54250
Principal Engineer

Terri Wright, CEG 1342
Principal Geologist

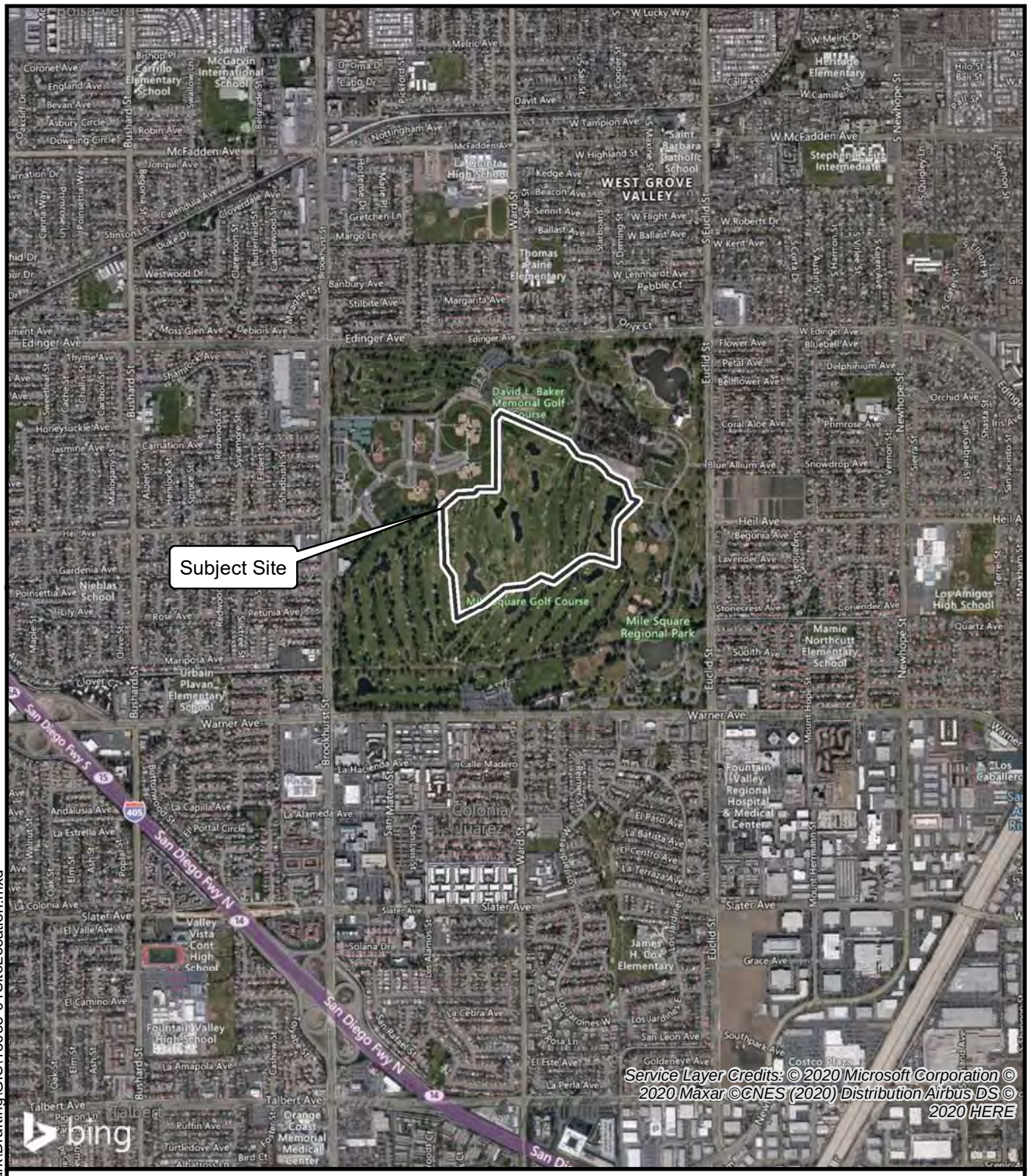
AZ/SBK/TW/grd

Distribution: (1) Addressee (E-Mail)
(1) Ms. Soojin Shim, Fuscoe Engineering, Inc. (E-Mail)









0 1,000 2,000 Feet

1 inch = 2,000 feet

N

SITE LOCATION MAP

MILE SQUARE PARK
PHASE 1 EXPANSION IMPROVEMENTS
FOUNTAIN VALLEY, CALIFORNIA

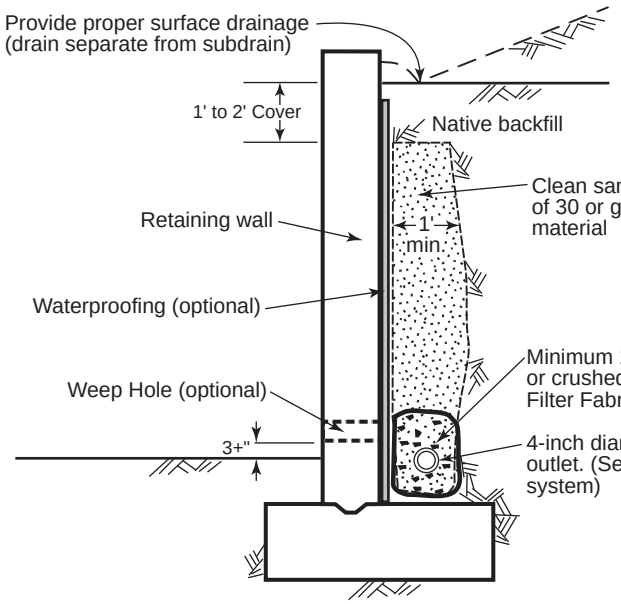
Project Number: 18055-01 By: SBK/AZ
Project Name: EPT/Mile Square Park
Date: 11/3/2020 Figure 1

NMG

P:\2018\18055-01 EPT - Mile Square Park\Drafting\GIS\18055-01SiteLocation.mxd

OPTION 1:

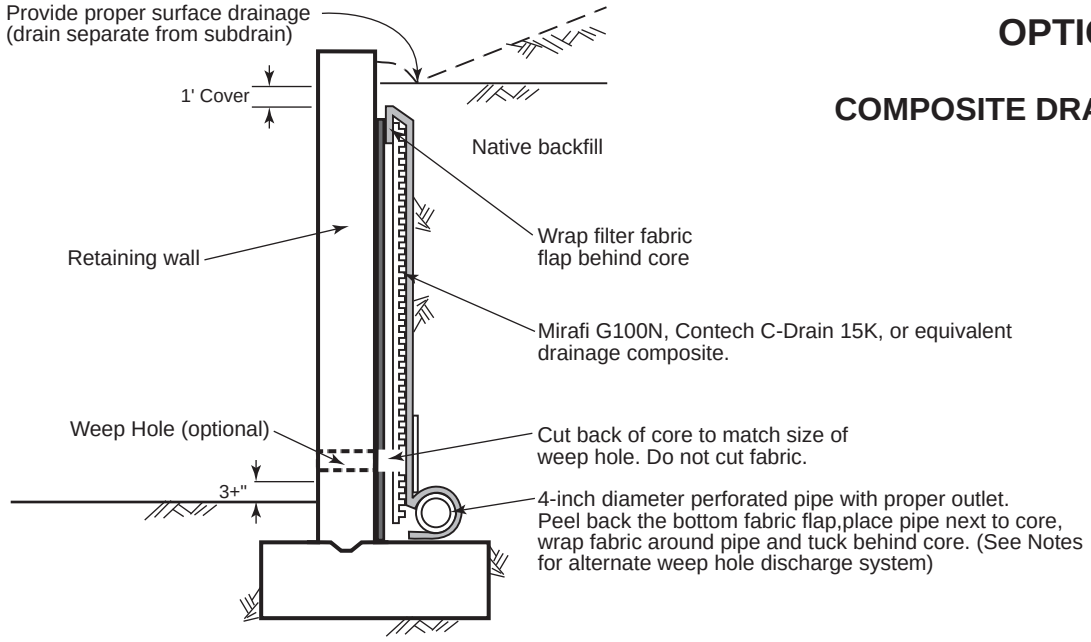
AGGREGATE SYSTEM DRAIN



Alternative: Class 2 permeable filter material (Per Caltrans specifications) may be used for vertical drain and around perforated pipe (without filter fabric)

OPTION 2:

COMPOSITE DRAINAGE SYSTEM



NOTES:

1. **PIPE TYPE SHOULD BE PVC OR ABS, SCHEDULE 40 OR SDR35 SATISFYING THE REQUIREMENTS OF ASTM TEST STANDARD D1527, D1785, D2751 , OR D3034.**
2. **FILTER FABRIC SHALL BE APPROVED PERMEABLE NON-WOVEN POLYESTER, NYLON, OR POLYPROPYLENE MATERIAL.**
3. **DRAIN PIPE SHOULD HAVE A GRADIENT OF 1 PERCENT MINIMUM.**
4. **WATERPROOFING MEMBRANE MAY BE REQUIRED FOR A SPECIFIC RETAINING WALL (SUCH AS A STUCCO OR BASEMENT WALL).**
5. **WEEP HOLES MAY BE PROVIDED FOR LOW RETAINING WALLS (LESS THAN 3 FEET IN HEIGHT) IN LIEU OF A VERTICAL DRAIN AND PIPE AND WHERE POTENTIAL WATER FROM BEHIND THE RETAINING WALL WILL NOT CREATE A NUISANCE WATER CONDITION. IF EXPOSURE IS NOT PERMITTED, A PROPER SUBDRAIN OUTLET SYSTEM SHOULD BE PROVIDED.**
6. **IF EXPOSURE IS PERMITTED, WEEP HOLES SHOULD BE 2-INCH MINIMUM DIAMETER AND PROVIDED AT 25-FOOT MAXIMUM SPACING ALONG WALL. WEEP HOLES SHOULD BE LOCATED 3+ INCHES ABOVE FINISHED GRADE.**
7. **SCREENING SUCH AS WITH A FILTER FABRIC SHOULD BE PROVIDED FOR WEEP HOLES/OPEN JOINTS TO PREVENT EARTH MATERIALS FROM ENTERING THE HOLES/JOINTS.**
8. **OPEN VERTICAL MASONRY JOINTS (I.E., OMIT MORTAR FROM JOINTS OF FIRST COURSE ABOVE FINISHED GRADE) AT 32-INCH MAXIMUM INTERVALS MAY BE SUBSTITUTED FOR WEEP HOLES.**
9. **THE GEOTECHNICAL CONSULTANT MAY PROVIDE ADDITIONAL RECOMMENDATIONS FOR RETAINING WALLS DESIGNED FOR SELECT SAND BACKFILL.**

RETAINING WALL DRAINAGE DETAIL

NMG Geotechnical, Inc.

FIGURE 2

APPENDIX A

APPENDIX A

REFERENCES

California Division of Mines and Geology (CDMG), 1998, Seismic Hazard Zones Map of the Newport Beach 7.5-Minute Quadrangle, Orange County, California, Official Map Released April 17, 1997, Updated April 15, 1998.

California Division of Mines and Geology (CDMG), 1997, Seismic Hazard Zone Report for the Anaheim and Newport Beach 7.5-Minute Quadrangles, Orange County, California, Seismic Hazard Zone Report 03.

California Geological Survey (CGS), 2018, Earthquake Fault Zones, A Guide for Government Agencies, Property Owners / Developers, and Geoscience Practitioners for Assessing Fault Rupture Hazards in California, Special Publication 42, Revised 2018.

Geo-Etka, Inc., 2007, Preliminary Foundation Soils Exploration and Pavement Design Recommendations at Ranger Station, Mile Square Regional Park, Euclid Street, Fountain Valley, California, Job No. FR-10892-07, Dated October 22, 2007.

Geotechnical Professionals Inc., 2011, Supplemental Geotechnical Investigation, Archery Range Improvements, Mile Square Park, 16801 Euclid Street, Fountain Valley, California, Project No. 2371.1l, Dated July 28, 2011.

GeoTek, Inc., 2016, Geotechnical Evaluation for Proposed Multi-Purpose Facility, Mile Square Regional Park, Fountain Valley, Orange County, California, Project No. 1463-CR, Dated June 10, 2016.

Jennings, Charles W. and Bryant W.A., 2010, Fault Activity Map of California, Department of Conservation, California Geological Survey, Geologic Data Map No. 6.

Morton, D.M., and Miller, F.K., 2006, Geologic Map of the San Bernardino and Santa Ana 30' x 60' Quadrangles, California; Open-File Report OF-2006-1217, Scale 1:100,000.

Structural Engineers Association/Office of Statewide Health Planning and Development, 2020, U.S. Seismic Design Maps, web site address: https://seismicmaps.org/ Date Accessed: October 22, 2020.

U.S. Geological Survey, 2020, Unified Hazard Tool, NSHM 2014 Dynamic Deaggregation Program; web site address: https://earthquake.usgs.gov/hazards/interactive/; Date Accessed: October 22, 2020.

APPENDIX B

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	*GRAVEL AND GRAVELLY SOILS* MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	*CLEAN GRAVELS* (LITTLE OR NO FINES)	GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
			GP	POORLY GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)	GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
			GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING NO. 4 SIEVE	*CLEAN SANDS* (LITTLE OR NO FINES)	SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
			SP	POORLY GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)	SM	SILTY SANDS, SAND - SILT MIXTURES
			SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	*SILTS AND CLAYS*	LIQUID LIMIT LESS THAN 50	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50	MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH	INORGANIC CLAYS OF HIGH PLASTICITY
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: Dual symbols are used to indicate gravels or sand with 5-12% fines and soils with fines classifying as CL-ML. Symbols separated by a slash indicate borderline soil classifications.

Sampler and Symbol Descriptions

- Modified California sample (D-#)
- Standard Penetration Test (S-#)
- Shelby tube sample (T-#)
- Large bulk sample (B-#)
- Small bulk sample (SB-#)
- Approximate depth of groundwater during drilling
- Approximate depth of static groundwater

Note: Number of blows required to advance driven sample 12 inches (or length noted).

Laboratory and Field Test Abbreviations

AL	Atterberg limits (plasticity)
CC	Chemical Testing incl. Soluble Sulfate
CN	Consolidation
DS	Direct Shear
EI	Expansion Index
GS	Grain Size Analysis (Sieve, Hydro. and/or -No. 200)
MD	Maximum Density and Optimum Moisture
RV	Resistance Value (R-Value)
SE	Sand Equivalent
UU	Unconsolidated Undrained Shear Strength

GENERAL NOTES

1. Soil classifications are based on the Unified Soil Classification System and include color, moisture, and relative density or consistency. Field descriptions have been modified to reflect results of laboratory tests where deemed appropriate. Bedrock descriptions are based on visual classification and include rock type, moisture, color, grain size, strength, and weathering.
2. Descriptions on these boring logs apply only at the specific boring locations and at the time the borings were drilled. They are not warranted to be representative of subsurface conditions at other locations or times.

KEY TO LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**5 Feet.**		
Comments			

HA-1

Sheet 1 of 1

Total Depth Drilled (ft)	**8.5**
Approximate Ground Surface Elevation (ft)	**45.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
	0					SP/SM	Surface: Turf. **Artificial Fill (Af)** Light yellowish brown silty SAND, moist.			MB-1 @ 0-5'
			MB-1 D-1				@2.5' Pale yellow to light gray fine to medium SAND, moist, dense, friable, trace to few fines.	7.4	98.3	
40	5		D-2			SM	**Alluvium(Qal)** @5': Light yellow brown to light gray silty fine to medium SAND, saturated, medium dense, friable.	37.0	89.7	
						ML	@7.5': Dark gray sandy SILT, saturated.			
	10						Notes: Total Depth: 8.5 Feet. (Caving) Groundwater Encountered at 5 Feet. Backfilled with Cuttings.			
30	15									
	20									
20	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**5.8 Feet.**		
Comments			

HA-2

Sheet 1 of 1

Total Depth Drilled (ft)	**7.0**
Approximate Ground Surface Elevation (ft)	**44.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
	0					SM	Surface: Turf. **Artificial Fill (Af)** Light yellowish brown silty fine to medium SAND, moist to wet.			
			D-1				@2.5': No sample recovery			
40										
	5		D-2 MB-1			SM-ML	**Alluvium (Qal)** @4.5': Gray fine sandy SILT/ SAND, saturated, FeO staining. @5': No sample recovery.			MB-1 @ 4.5-7' EI, CC
							Notes: Total Depth: 7 Feet. Groundwater Encountered at 5.8 Feet. Backfilled with Cuttings.			
30	10									
	15									
	20									
20										
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**4.9 Feet.**		
Comments			

HA-3

Sheet 1 of 1

Total Depth Drilled (ft)	**6.0**
Approximate Ground Surface Elevation (ft)	**41.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
40	0					SP-SM	Surface: Turf. **Artificial Fill (Af)** Light yellowish brown silty fine to medium SAND, trace to few fines, moist, friable.			
			D-1				@2.5': Gray silty fine to medium SAND, wet, loose to medium dense, slightly friable.	20.9	100.1	
						SM-ML	**Alluvium (Qal)** @3.9': Dark brown silty fine to medium SAND, saturated.			
	5		D-2				@5': No sample recovery.			
							Notes: Total Depth: 6 Feet. (Caving) Groundwater Encountered at 4.9 Feet. Backfilled with Cuttings.			
30	10									
	15									
20	20									
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**7.5 Feet.**		
Comments			

HA-4

Sheet 1 of 1

Total Depth Drilled (ft)	**8.5**
Approximate Ground Surface Elevation (ft)	**42.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
	0					SM	Surface: Turf. **Artificial Fill (Af)** @1': Light yellowish brown silty fine to medium SAND, wet, medium dense, root hairs.	12.9	100.6	
40		D	D-1							
		D	D-2			SP-SM	@3.5': Pale yellow silty fine to medium SAND, moist, medium dense, slightly friable.	3.0	92.6	
	5	D	D-3				@6': Upper: Pale yellow silty fine to medium SAND, saturated, medium dense, slightly friable.	25.8	86.6	
			MB-1			ML	▼**Alluvium (Qal)** Lower: Reddish brown to grayish brown fine sandy SILT, saturated. @7.5': Dark gray fine sandy SILT, saturated, FeO staining.			MB-1 @ 7.5-8.5'
	10						Notes: Total Depth: 8.5 Feet. (Caving) Groundwater Encountered at 7.5 Feet. Backfilled with Cuttings.			
30										
	15									
	20									
20										
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**6.2 Feet**		
Comments			

HA-5

Sheet 1 of 1

Total Depth Drilled (ft)	**7.5**
Approximate Ground Surface Elevation (ft)	**37.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
	0					SM	Surface: Turf. **Artificial Fill (Af)** Light yellowish brown to gray silty fine to medium SAND, very moist, little fine to coarse gravel.			
			D-1				@2': No sample recovery.			MB-1 @ 3-6'
			D-2 MB-1			ML SP-SM	**Alluvium (Qal)** @3.5': Upper: Yellowish brown fine sandy SILT, wet, medium stiff to stiff, micaceous.	24.4	98.8	
	5					ML	Lower: Light yellowish brown to gray fine to medium SAND, few fines, wet, medium dense, mica, slightly friable.			
30							@5.5': Light yellowish brown fine sandy SILT, wet, medium stiff to stiff, micaceous.			
	10						Notes: Total Depth: 7.5 Feet. (Caving) Groundwater Encountered at 6.2 Feet. Backfilled with Cuttings.			
	15									
20										
	20									
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:			
Comments			

HA-6

Sheet 1 of 1

Total Depth Drilled (ft)	**6.5**
Approximate Ground Surface Elevation (ft)	**47.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
	0					SP-SM	Surface: Turf. **Artificial Fill (Afu)**			MB-1 @ 0-5' MD, EI, CC
			MB-1 D-1				@2.5': Light yellowish brown silty fine to medium SAND, moist, medium dense, slightly friable, micaceous.	9.4	98.4	
	5		D-2			SM	@5': Upper: Brown silty fine to medium SAND, wet, medium dense, micaceous. Lower: Brown silty fine to coarse gravelly SAND, wet, medium dense.	23.4	102.0	
40										
							Notes: Total Depth: 6.5 Feet. (Refusal on gravel) Groundwater Not Encountered. Backfilled with Cuttings.			
	10									
	15									
30										
	20									
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**6.5 Feet**		
Comments			

HA-7

Sheet 1 of 1

Total Depth Drilled (ft)	**8.5**
Approximate Ground Surface Elevation (ft)	**42.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
40	0					SM	Surface: Turf. **Artificial Fill (Afu)**			
			D-1				@2': Light yellowish brown, reddish brown, and dark gray (interlayered) silty fine to medium SAND, moist, medium dense, some organics.	16.9	102.2	
			D-2			SP-SM	@4': Upper: Pale brown silty fine to medium SAND, saturated, loose to medium dense, slightly friable, micaceous.	17.3	98.3	
	5					ML	**Alluvium (Qal)** Lower: Dark yellowish brown to brown fine sandy SILT, saturated, medium stiff, micaceous.			
	10						Notes: Total Depth: 8.5 Feet. (Caving) Groundwater Encountered at 6.5 Feet. Backfilled with Cuttings.			
30	15									
	20									
20	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

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Report: HOLLOW STEM; Project: 18055-01.GPJ; Data Template: NMG_GINT_2016.GDT; Printed: 10/22/20

Date(s) Drilled	**10/6/20**	Logged By	**AZ**
Drilling Company		Drill Bit Size/Type	**4"**
Drill Rig Type	**Hand-Auger**	Hammer Data	
Sampling Method(s)	**Modified California, Bulk**		
Approximate Groundwater Depth:	**3.2 Feet**		
Comments			

HA-8

Sheet 1 of 1

Total Depth Drilled (ft)	**5.5**
Approximate Ground Surface Elevation (ft)	**42.0 msl**

Elevation (ft)	Depth (ft)	SAMPLES Type	SAMPLES Number	SAMPLES Blows per foot	Graphic Log	USCS	MATERIAL DESCRIPTION	Moisture Content (%)	Dry Density (pcf)	OTHER TESTS and REMARKS
40	0					SP-SM	Surface: Turf. **Artificial Fill (Af)**			MB-1 @ 1-4'
			MB-1 D-1				@2': Light yellowish brown silty fine to medium SAND, wet, loose to medium dense, micaceous.	22.0	96.1	
	5					SM	**Alluvium(Qal)** @3.5' Dark gray silty SAND, saturated, loose to medium dense, micaceous, organic odor.			
							Notes: Total Depth: 5.5 Feet. (Caving) Groundwater Encountered at 3.2 Feet. Backfilled with Cuttings.			
	10									
30										
	15									
	20									
20										
	25									

LOG OF BORING

EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG

APPENDIX C

EPT/Mile Square Park Phase 1
Project Number: 18055-01

APPENDIX
SUMMARY OF SOIL LABORATORY DATA

Fountain Valley, CA

Boring/Sample Information						Field Wet Density (pcf)	Field Dry Density (pcf)	Field Moisture Content (%)	Degree of Sat. (%)	Sieve/ Hydrometer		Atterberg Limits		USCS Group Symbol	Direct Shear				Compaction		Expansion Index	R-Value	Soluble Sulfate Content (% by wt)	Remarks
															Ultimate		Peak							
Boring No.	Sample No.	Depth (feet)	End Depth (feet)	Elevation (feet)	Blow Count (N)					Fines Content (% pass. #200)	Clay Content (% pass. 2µ)	LL (%)	PI (%)		Cohesion (psf)	Friction Angle (°)	Cohesion (psf)	Friction Angle (°)	Maximum Dry Density (pcf)	Optimum Moisture Content (%)				
HA-1	D-1	2.5		42.5		105.5	98.3	7.4	27.8															
HA-1	D-2	5.0		40.0		122.9	89.7	37.0	100.0															
HA-3	D-1	2.5				121.0	100.1	20.9	82.6															
HA-4	D-1	1.0				113.5	100.6	12.9	51.5															
HA-4	D-2	3.5				95.4	92.6	3.0	9.8															
HA-4	D-3	6.0				109.0	86.6	25.8	73.7															
HA-5	D-2	3.5				122.9	98.8	24.4	93.5															
HA-6	D-1	2.5				107.7	98.4	9.4	35.6															
HA-6	D-2	5.0				125.9	102.0	23.4	96.9															
HA-7	D-1	2.0				119.4	102.2	16.9	70.1															
HA-7	D-2	4.0				115.4	98.3	17.3	65.6															
HA-8	D-1	2.0				117.2	96.1	22.0	78.9															

Sample	*Compacted Moisture (%)*	*Compacted Dry Density (pcf)*	*Final Moisture (%)*	*Volumetric Swell (%)*	*Expansion Index[1] Value/Method*		*Expansive Classification[2]*	*Soluble Sulfate (%)*	*Sulfate Exposure[3]*
HA-2 MB-1 4.5-7'	11.5	102.9	22.3	1.48	15	A	Very Low	0.05	S0
HA-6 MB-1 0-5'	10.0	108.1	19.7	0.01	0	A	Very Low	0.05	S0

Test Method:
ASTM D4829

HACH SF-1 (Turbidimetric)

Notes:
1. Expansion Index (EI) method of determination*:*
   [A] E.I. determined by adjusting water content to achieve a 50 ±2% degree of saturation
   [B] E.I. calculated based on measured saturation within the range of 40% and 60%
2. ASTM D4829 *(Classification of Expansive Soil)*
3. ACI-318-14 Table 19.3.1.1 *(Requirement for Concrete Exposed to Sulfate-Containing Solutions)*

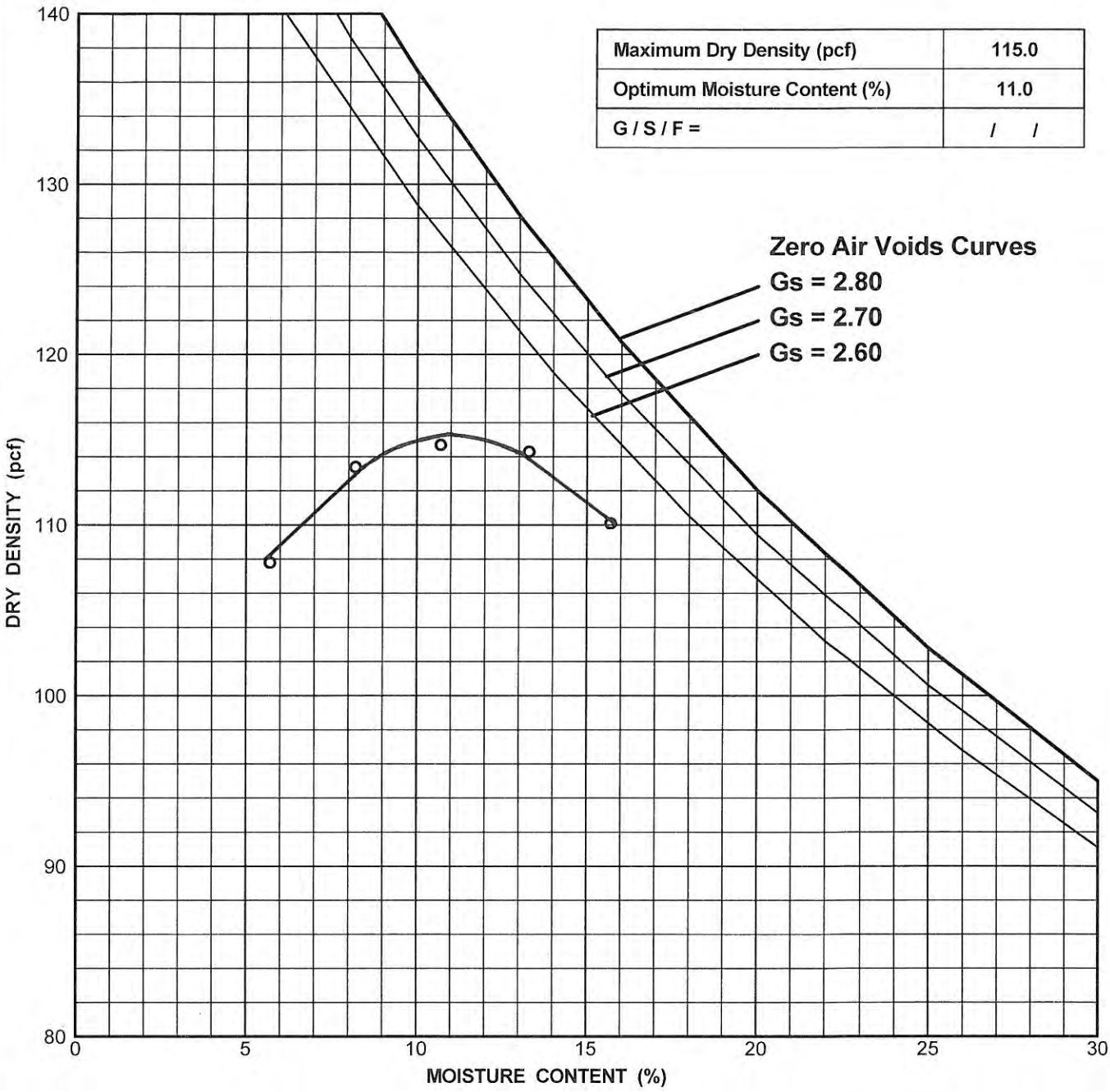
Expansion Index and Soluble Sulfate Test Results

(FRM001 Rev.5)

Project No. 18055-01

Project Name: EPT / Mile Square Park

NMG



Maximum Dry Density (pcf)	115.0
Optimum Moisture Content (%)	11.0
G / S / F =	/ /

Boring No. HA-6	Sample No. MB-1	Depth: 0.0 - 5.0 ft
Sample Description: Brown silty SAND		USCS: SM
Liquid Limit:	Plasticity Index:	Percent Passing No. 200 Sieve:
Comments: 1557A	Mixture of (HA-1,MB-1), (HA-6,MB-1), and (HA-8,MB-1)	

COMPACTION TEST RESULTS

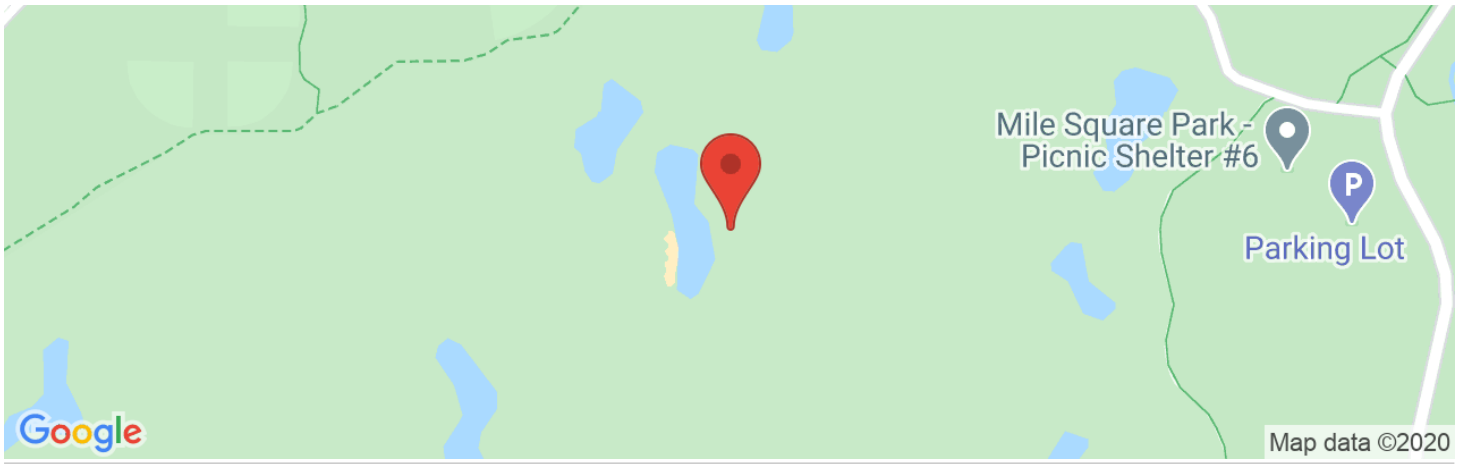
EPT/Mile Square Park Phase 1
Fountain Valley, CA
PROJECT NO. 18055-01

NMG Geotechnical, Inc.

APPENDIX D

OSHPD

Latitude, Longitude: 33.7234, -117.9455



Date	10/22/2020, 1:04:54 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	1.341	MCE_R ground motion. (for 0.2 second period)
S_1	0.481	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.341	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	0.894	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.576	MCE_G peak ground acceleration
F_{PGA}	1.1	Site amplification factor at PGA
PGA_M	0.634	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.341	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	1.462	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	1.865	Factored deterministic acceleration value. (0.2 second)
S1RT	0.481	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.523	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.649	Factored deterministic acceleration value. (1.0 second)
PGAd	0.768	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.917	Mapped value of the risk coefficient at short periods
C_{R1}	0.92	Mapped value of the risk coefficient at a period of 1 s

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U.S. Geological Survey - Earthquake Hazards Program

Unified Hazard Tool

Please do not use this tool to obtain ground motion parameter values for the design code reference documents covered by the U.S. Seismic Design Maps web tools (e.g., the International Building Code and the ASCE 7 or 41 Standard). The values returned by the two applications are not identical.

Input

Edition

Dynamic: Conterminous U.S. 2014 (updat…

Spectral Period

Peak Ground Acceleration

Latitude

Decimal degrees

33.7234

Time Horizon

Return period in years

2475

Longitude

Decimal degrees, negative values for western longitudes

-117.9455

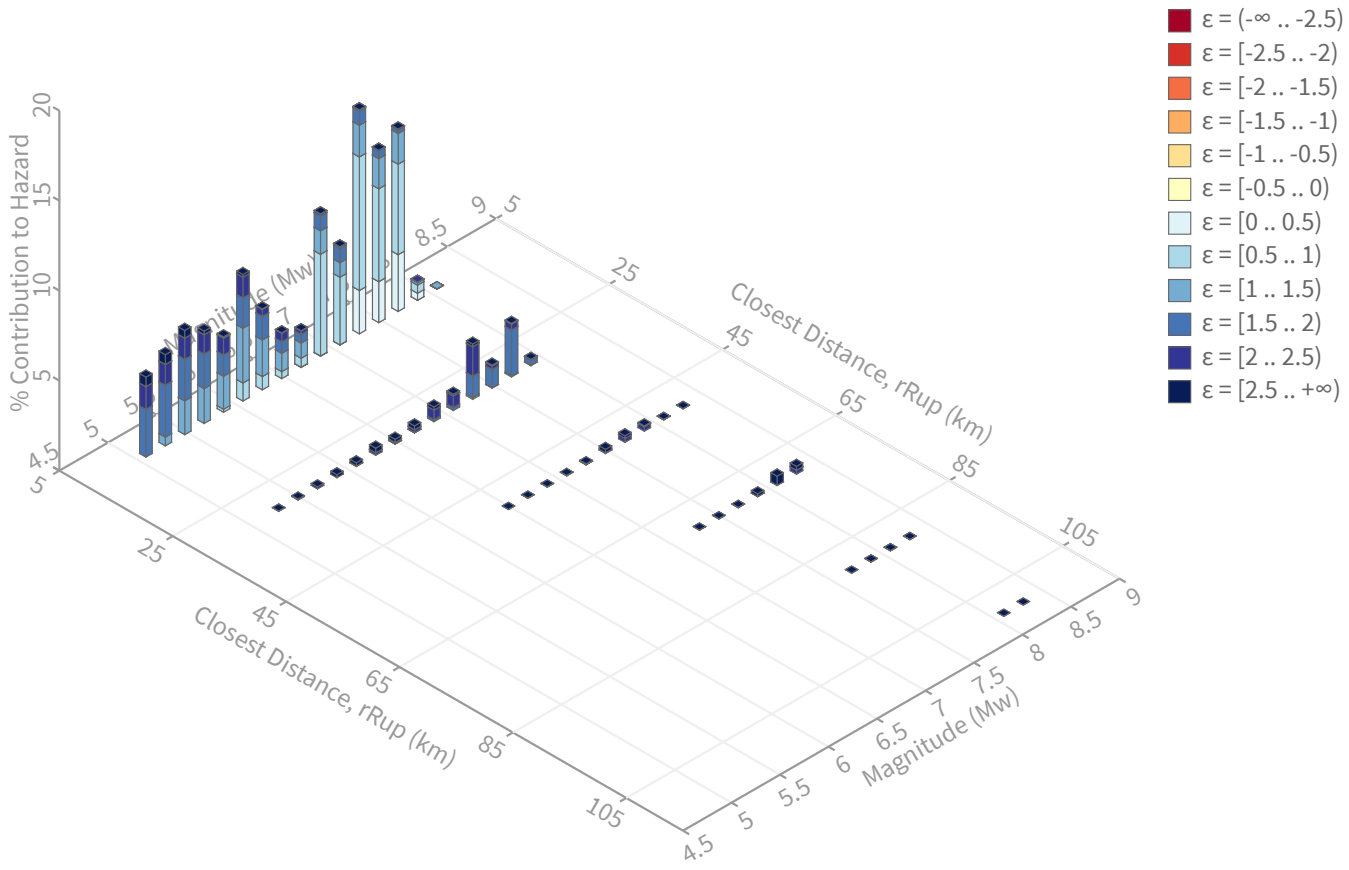
Site Class

259 m/s (Site class D)

Deaggregation

Component

Total



Summary statistics for, Deaggregation: Total

Deaggregation targets

Return period: 2475 yrs
Exceedance rate: 0.0004040404 yr^{-1}
PGA ground motion: 0.66209469 g

Recovered targets

Return period: 2985.0838 yrs
Exceedance rate: 0.00033499897 yr^{-1}

Totals

Binned: 100 %
Residual: 0 %
Trace: 0.06 %

Mean (over all sources)

m: 6.73
r: 11.89 km
ε_0: 1.33 σ

Mode (largest m-r bin)

m: 7.3
r: 9.49 km
ε_0: 0.82 σ
Contribution: 12.43 %

Mode (largest m-r-ε_0 bin)

m: 7.3
r: 8.87 km
ε_0: 0.75 σ
Contribution: 7.42 %

Discretization

r: min = 0.0, max = 1000.0, Δ = 20.0 km
m: min = 4.4, max = 9.4, Δ = 0.2
ε: min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0: [-∞ .. -2.5)
ε1: [-2.5 .. -2.0)
ε2: [-2.0 .. -1.5)
ε3: [-1.5 .. -1.0)
ε4: [-1.0 .. -0.5)
ε5: [-0.5 .. 0.0)
ε6: [0.0 .. 0.5)
ε7: [0.5 .. 1.0)
ε8: [1.0 .. 1.5)
ε9: [1.5 .. 2.0)
ε10: [2.0 .. 2.5)
ε11: [2.5 .. +∞]

Deaggregation Contributors

Source Set ↳ Source	Type	r	m	ε_0	lon	lat	az	%
UC33brAvg_FM32	System							31.97
Compton [0]		10.30	7.32	0.70	118.043°W	33.702°N	255.58	7.06
San Joaquin Hills [0]		6.19	7.17	0.80	117.944°W	33.675°N	178.45	6.87
Newport-Inglewood alt 2 [1]		7.02	7.48	0.81	117.993°W	33.676°N	219.93	6.31
Anaheim [0]		7.96	6.78	1.04	117.943°W	33.780°N	2.35	2.17
Palos Verdes [7]		24.11	7.45	1.96	118.162°W	33.603°N	236.24	2.03
Puente Hills (Coyote Hills) [0]		19.40	7.35	1.73	117.933°W	33.894°N	3.58	1.15
Whittier alt 2 [3]		24.89	7.65	1.84	117.838°W	33.928°N	23.55	1.09
UC33brAvg_FM31	System							29.80
Newport-Inglewood alt 1 [1]		7.13	7.43	0.81	117.995°W	33.676°N	221.39	7.10
Compton [0]		10.30	7.26	0.73	118.043°W	33.702°N	255.58	6.87
San Joaquin Hills [0]		6.19	7.53	0.66	117.944°W	33.675°N	178.45	5.19
Anaheim [0]		7.96	6.75	1.05	117.943°W	33.780°N	2.35	2.18
Palos Verdes [7]		24.11	7.29	2.06	118.162°W	33.603°N	236.24	1.91
Whittier alt 1 [4]		24.95	7.60	1.86	117.833°W	33.927°N	24.54	1.38
UC33brAvg_FM31 (opt)	Grid							19.30
PointSourceFinite: -117.946, 33.764		6.78	5.66	1.37	117.945°W	33.764°N	0.00	3.16
PointSourceFinite: -117.946, 33.764		6.78	5.66	1.37	117.945°W	33.764°N	0.00	3.16
PointSourceFinite: -117.946, 33.809		9.93	5.85	1.73	117.945°W	33.809°N	0.00	2.29
PointSourceFinite: -117.946, 33.809		9.93	5.85	1.73	117.945°W	33.809°N	0.00	2.29
PointSourceFinite: -117.946, 33.773		7.49	5.61	1.50	117.945°W	33.773°N	0.00	1.94
PointSourceFinite: -117.946, 33.773		7.49	5.61	1.50	117.945°W	33.773°N	0.00	1.94
UC33brAvg_FM32 (opt)	Grid							18.93
PointSourceFinite: -117.946, 33.764		6.80	5.64	1.38	117.945°W	33.764°N	0.00	3.04
PointSourceFinite: -117.946, 33.764		6.80	5.64	1.38	117.945°W	33.764°N	0.00	3.04
PointSourceFinite: -117.946, 33.809		9.95	5.84	1.74	117.945°W	33.809°N	0.00	2.25
PointSourceFinite: -117.946, 33.809		9.95	5.84	1.74	117.945°W	33.809°N	0.00	2.25
PointSourceFinite: -117.946, 33.773		7.49	5.61	1.50	117.945°W	33.773°N	0.00	1.88
PointSourceFinite: -117.946, 33.773		7.49	5.61	1.50	117.945°W	33.773°N	0.00	1.88

APPENDIX E

APPENDIX E

GENERAL EARTHWORK AND GRADING SPECIFICATIONS

1.0 General

1.1 Intent: These General Earthwork and Grading Specifications are for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These Specifications are a part of the recommendations contained in the geotechnical report(s). In case of conflict, the specific recommendations in the geotechnical report shall supersede these more general Specifications. Observations of the earthwork by the project Geotechnical Consultant during the course of grading may result in new or revised recommendations that could supersede these specifications or the recommendations in the geotechnical report(s).

1.2 Geotechnical Consultant: Prior to commencement of work, the owner shall employ a geotechnical consultant. The geotechnical consultant shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading.

Prior to commencement of grading, the Geotechnical Consultant shall review the "work plan" prepared by the Earthwork Contractor (Contractor) and schedule sufficient personnel to perform the appropriate level of observation, mapping, and compaction testing.

During the grading and earthwork operations, the Geotechnical Consultant shall observe, map, and document the subsurface exposures to verify the geotechnical design assumptions. If the observed conditions are found to be significantly different than the interpreted assumptions during the design phase, the Geotechnical Consultant shall inform the owner, recommend appropriate changes in design to accommodate the observed conditions, and notify the review agency where required. Subsurface areas to be geotechnically observed, mapped, elevations recorded, and/or tested include natural ground after it has been cleared for receiving fill but before fill is placed, bottoms of all "remedial removal" areas, all key bottoms, and benches made on sloping ground to receive fill.

The Geotechnical Consultant shall observe the moisture-conditioning and processing of the subgrade and fill materials and perform relative compaction testing of fill to determine the attained level of compaction. The Geotechnical Consultant shall provide the test results to the owner and the Contractor on a routine and frequent basis.

1.3 The Earthwork Contractor: The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of ground to receive fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall review and accept the plans, geotechnical report(s), and these Specifications prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the plans and specifications.

The Contractor shall prepare and submit to the owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "spreads" of work and the estimated quantities of daily earthwork contemplated for the site prior to commencement of grading. The Contractor shall inform the owner and the Geotechnical Consultant of changes in work schedules and updates to the work plan at least 24 hours in advance of such changes so that appropriate observations and tests can be planned and accomplished. The Contractor shall not assume that the Geotechnical Consultant is aware of all grading operations.

The Contractor shall have the sole responsibility to provide adequate equipment and methods to accomplish the earthwork in accordance with the applicable grading codes and agency ordinances, these Specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). If, in the opinion of the Geotechnical Consultant, unsatisfactory conditions, such as unsuitable soil, improper moisture condition, inadequate compaction, insufficient buttress key size, adverse weather, etc., are resulting in a quality of work less than required in these specifications, the Geotechnical Consultant shall reject the work and may recommend to the owner that construction be stopped until the conditions are rectified.

2.0 Preparation of Areas to be Filled

2.1 Clearing and Grubbing: Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed of in a method acceptable to the owner, governing agencies, and the Geotechnical Consultant.

The Geotechnical Consultant shall evaluate the extent of these removals depending on specific site conditions. Earth fill material shall not contain more than 1 percent of organic materials (by volume). No fill lift shall contain more than 5 percent of organic matter. Nesting of the organic materials shall not be allowed.

If potentially hazardous materials are encountered, the Contractor shall stop work in the affected area, and a hazardous material specialist shall be informed

immediately for proper evaluation and handling of these materials prior to continuing to work in that area.

As presently defined by the State of California, most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) have chemical constituents that are considered to be hazardous waste. As such, the indiscriminate dumping or spillage of these fluids onto the ground may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall not be allowed.

2.2 Processing: Existing ground that has been declared satisfactory for support of fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Existing ground that is not satisfactory shall be overexcavated as specified in the following section. Scarification shall continue until soils are broken down and free of large clay lumps or clods and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction.

2.3 Overexcavation: In addition to removals and overexcavations recommended in the approved geotechnical report(s) and the grading plan, soft, loose, dry, saturated, spongy, organic-rich, highly fractured or otherwise unsuitable ground shall be overexcavated to competent ground as evaluated by the Geotechnical Consultant during grading.

2.4 Benching: Where fills are to be placed on ground with slopes steeper than 5:1 (horizontal to vertical units), the ground shall be stepped or benched. Please see the Standard Details for a graphic illustration. The lowest bench or key shall be a minimum of 15 feet wide and at least 2 feet deep, into competent material as evaluated by the Geotechnical Consultant. Other benches shall be excavated a minimum height of 4 feet into competent material or as otherwise recommended by the Geotechnical Consultant. Fill placed on ground sloping flatter than 5:1 shall also be benched or otherwise overexcavated to provide a flat subgrade for the fill.

2.5 Evaluation/Acceptance of Fill Areas: All areas to receive fill, including removal and processed areas, key bottoms, and benches, shall be observed, mapped, elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to fill placement. A licensed surveyor shall provide the survey control for determining elevations of processed areas, keys, and benches.

3.0 Fill Material

3.1 General: Material to be used as fill shall be essentially free of organic matter and other deleterious substances evaluated and accepted by the Geotechnical Consultant prior to placement. Soils of poor quality, such as those with unacceptable gradation, high expansion potential, or low strength shall be placed in areas acceptable to the Geotechnical Consultant or mixed with other soils to achieve satisfactory fill material.

3.2 Oversize: Oversize material defined as rock, or other irreducible material with a maximum dimension greater than 12 inches, shall not be buried or placed in fill unless location, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations shall be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted or densified fill. Oversize material shall not be placed within 10 vertical feet of finish grade or within 2 feet of future utilities or underground construction.

3.3 Import: If importing of fill material is required for grading, proposed import material shall meet the requirements of Section 3.1. The potential import source shall be given to the Geotechnical Consultant at least 48 hours (2 working days) before importing begins so that its suitability can be determined and appropriate tests performed.

4.0 Fill Placement and Compaction

4.1 Fill Layers: Approved fill material shall be placed in areas prepared to receive fill (per Section 3.0) in near-horizontal layers not exceeding 8 inches in loose thickness. The Geotechnical Consultant may accept thicker layers if testing indicates the grading procedures can adequately compact the thicker layers. Each layer shall be spread evenly and mixed thoroughly to attain relative uniformity of material and moisture throughout.

4.2 Fill Moisture Conditioning: Fill soils shall be watered, dried back, blended, and/or mixed, as necessary to attain a relatively uniform moisture content at or slightly over optimum. Maximum density and optimum soil moisture content tests shall be performed in accordance with the American Society of Testing and Materials (ASTM Test Method D1557-91).

4.3 Compaction of Fill: After each layer has been moisture-conditioned, mixed, and evenly spread, it shall be uniformly compacted to not less than 90 percent of maximum dry density (ASTM Test Method D1557-91). Compaction equipment shall be adequately sized and be either specifically designed for soil compaction or of proven reliability to efficiently achieve the specified level of compaction with uniformity.

4.4 Compaction of Fill Slopes: In addition to normal compaction procedures specified above, compaction of slopes shall be accomplished by backrolling of slopes with sheepsfoot rollers at increments of 3 to 4 feet in fill elevation, or by other methods producing satisfactory results acceptable to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill, out to the slope face, shall be at least 90 percent of maximum density per ASTM Test Method D1557-91.

4.5 Compaction Testing: Field tests for moisture content and relative compaction of the fill soils shall be performed by the Geotechnical Consultant. Location and frequency of tests shall be at the Consultant's discretion based on field conditions encountered. Compaction test locations will not necessarily be selected on a random basis. Test locations shall be selected to verify adequacy of compaction levels in areas that are judged to be prone to inadequate compaction (such as close to slope faces and at the fill/bedrock benches).

4.6 Frequency of Compaction Testing: Tests shall be taken at intervals not exceeding 2 feet in vertical rise and/or 1,000 cubic yards of compacted fill soils embankment. In addition, as a guideline, at least one test shall be taken on slope faces for each 5,000 square feet of slope face and/or each 10 feet of vertical height of slope. The Contractor shall assure that fill construction is such that the testing schedule can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork construction if these minimum standards are not met.

4.7 Compaction Test Locations: The Geotechnical Consultant shall document the approximate elevation and horizontal coordinates of each test location. The Contractor shall coordinate with the project surveyor to assure that sufficient grade stakes are established so that the Geotechnical Consultant can determine the test locations with sufficient accuracy. At a minimum, two grade stakes within a horizontal distance of 100 feet and vertically less than 5 feet apart from potential test locations shall be provided.

5.0 Subdrain Installation

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the grading plan, and the Standard Details. The Geotechnical Consultant may recommend additional subdrains and/or changes in subdrain extent, location, grade, or material depending on conditions encountered during grading. All subdrains shall be surveyed by a land surveyor/civil engineer for line and grade after installation and prior to burial. Sufficient time should be allowed by the Contractor for these surveys.

6.0 Excavation

Excavations, as well as over-excavation for remedial purposes, shall be evaluated by the Geotechnical Consultant during grading. Remedial removal depths shown on geotechnical plans are estimates only. The actual extent of removal shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading. Where fill-over-cut slopes are to be graded, the cut portion of the slope shall be made, evaluated, and accepted by the Geotechnical Consultant prior to placement of materials for construction of the fill portion of the slope, unless otherwise recommended by the Geotechnical Consultant.

7.0 Trench Backfills

7.1 Contractor shall follow all OHSA and Cal/OSHA requirements for safety of trench excavations.

7.2 Bedding and backfill of utility trenches shall be done in accordance with the applicable provisions of Standard Specifications of Public Works Construction. Bedding material shall have a Sand Equivalent greater than 30 (SE>30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting. Backfill shall be placed and densified to a minimum 90 percent of maximum from 1 foot above the top of the conduit to the surface, except in traveled ways (see Section 7.6 below).

7.3 Jetting of the bedding around the conduits shall be observed by the Geotechnical Consultant.

7.4 Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 300 feet of trench and 2 feet of fill.

7.5 Lift thickness of trench backfill shall not exceed those allowed in the Standard Specifications of Public Works Construction unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment and method.

7.6 Trench backfill in the upper foot measured from finish grade within existing or future traveled way, shoulder, and other paved areas (or areas to receive pavement) should be placed to a minimum 95 percent relative compaction.

LEGEND

EARTH UNITS - CIRCLED WHERE BURIED

Afu	UNCERTIFIED/UNDOCUMENTED FILL
Qal	ALLUVIUM

SYMBOLS - LOCATIONS ARE APPROXIMATE, QUERIED WHERE UNCERTAIN

HA-8
T.D.5.5'
Afu@0-3.5'
▼@3.2'(Elevation 39')
PROPOSED HAND AUGER BORING, SHOWING TOTAL DEPTH, DEPTH TO EARTH UNIT AND DEPTH TO GROUNDWATER

40 APPROXIMATE GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (OCTOBER, 2020)

Afu
Qal

ALLUVIUM

HA-1
T.D.8.5'
Afu@0-5'
▼@5'(Elevation 40')

HA-2
T.D.7'
Afu@0-4.5'
▼@3.8'(Elevation 38.2')

HA-3
T.D.6'
Afu@0-4'
▼@4.9'(Elevation 36')

HA-4
T.D.8.5'
Afu@0-6'
▼@7.5'(Elevation 34.5')

HA-5
T.D.7.5'
Afu@0-3.5'
▼@6.2'(Elevation 32')

HA-6
T.D.6.5'

HA-7
T.D.8.5'
Afu@0-5'
▼@6.5'(Elevation 35.5')

HA-8
T.D.5.5'
Afu@0-3.5'
▼@3.2'(Elevation 39')

40
38
36
34
32

GRAPHIC SCALE

160 0 80 160 320

(IN FEET)
1 inch = 160 ft.

PLATE 1

GEOTECHNICAL MAP
MILE SQUARE GOLF COURSE CONVERSION, PHASE 1
FOUNTAIN VALLEY, CALIFORNIA

Project No.: 18055-01	By: SBK/AZ
Project Name: EPT/Mile Square Park	
Date: 11/3/2020	SCALE: 1" = 160'

NMG Geotechnical, Inc.

Drawing: P:\2018\18055-01 EPT - Mile Square Park\Drafting_MP\18055-01 Plate.dwg Layout: 1a Last Saved: Tue Nov 03, 2020 - 2:10pm Last Plotted: Tue Nov 03, 2020 - 3:19pm By: jschneider

Appendix F

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

MILE SQUARE REGIONAL PARK MASTER PLAN ORANGE COUNTY, CALIFORNIA

PREPARED FOR:

Orange County Parks
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December 2020



ICF. 2020. Mile Square Regional Park Master Plan. Phase I Environmental Site Assessment Report. December. Orange County, CA.

Disclaimer

Orange County Parks engaged ICF to provide technical assistance related to hazardous materials by conducting a Phase I Environmental Site Assessment on the Mile Square Regional Park Master Plan site, an approximately 279-acre site in Orange County, California. The Phase I ESA was prepared in support of the California Environmental Quality Act documentation associated with the project.

This Phase I Environmental Site Assessment report represents ICF's best judgment based on the information available at the time of preparation. This report and information and the statements herein are based in whole or in part upon information obtained from federal, state, and local regulatory agencies and other third parties. Every effort has been made to verify the accuracy of all information obtained from these sources. However, in some instances, independent verification was not possible. Some of the conclusions reached in this report may differ if any of the provided information is determined to be false or otherwise inaccurate.

This report must be read in its entirety. It is important that the reader understands that no assurance can be made that all environmental conditions or significant environmental liabilities were identified. This report does not constitute a legal opinion. No person has been authorized by ICF to provide any information or make any representations not contained in this report.

Orange County Parks is the designated "end user" of this report and, as such, may rely upon its findings to support its needs. Any use that any other third party makes of this report, or reliance upon or decisions made based upon this report, is the responsibility of such third party. ICF does not accept responsibility for damages, if any, suffered by a third party based upon this report.

Declaration

This report was prepared by Mario Barrera, a qualified Environmental Professional. Mr. Barrera has the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. ICF has developed and performed all appropriate inquiries in conformance with the standards and practices set forth in Code of Federal Regulations, Title 40, Part 312.



Mario Barrera, Jr	December 7, 2020
	Date

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List of Acronyms

AST	aboveground storage tank
CERS	California Environmental Reporting System
EDR	Environmental Data Resources, Inc.
ESA	Phase I Environmental Site Assessment
FINDS	Facility Index System/Facility Registry System
Hist Auto	Historical Auto Stations
LOP	Local Oversight Program
LUST	leaking underground storage tank
MISQ	Mile Square Regional Park
NPL	National Priorities List
OC Parks	Orange County Parks
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
SEMS	Superfund Enterprise Management System
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	underground storage tank

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Summary

Orange County Parks (OC Parks) engaged ICF to provide technical assistance related to hazardous materials by conducting a Phase I Environmental Site Assessment (ESA) on the Mile Square Regional Park (MISQ) Master Plan site, which covers up to approximately 279 acres in Orange County, California. No recognized environmental conditions (RECs) were identified associated with the aforementioned site; therefore, no further assessments are recommended at this time.

This Phase I ESA was conducted in general conformance with the *ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM International 2013). The scope of services performed for this Phase I ESA included a records review, a site reconnaissance, and an email interview with person(s) knowledgeable of the present and past uses of the properties in question.

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Chapter 1
Introduction

The MISQ Master Plan Project is a park improvement project within Mile Square in Orange County, California. Mile Square is a 607-acre urban park that contains three golf courses—two regulation 18-hole courses at Mile Square Golf Course and one executive 18-hole course at David L. Baker Golf Course—and the Fountain Valley Sports Park, which comprise 421 acres in the western portion of Mile Square. Lastly, the 186-acre existing MISQ makes up the eastern portion of Mile Square. Appendix A contains figures depicting the project's regional vicinity and project location.

The project involves the addition of 93 acres of the existing Mile Square Golf Course for use in the expansion of MISQ's existing resources, amenities, and programs (for the purposes of this study, this area is referred to as the future MISQ site). In addition, updates to the existing MISQ facilities would occur as part of the project (this area is referred to as the existing MISQ site). Key improvement areas include: (A) park access, circulation, and parking improvements, (B) environmental and habitat improvements, (C) park core program districts, and (D) facility upgrades.

ICF performed a Phase I ESA for the project footprint in general conformance with *ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM International 2013) to identify RECs.

This Phase I ESA is organized into the following seven chapters:

1. *Introduction*
2. *Site Description*
3. *Records Review*
4. *Interviews and Site Reconnaissance*
5. *Data Gaps*
6. *Findings*
7. *Opinions and Recommendations*

Purpose

The purpose of this Phase I ESA is to compile and evaluate available information to identify RECs associated with either the project site or the project's vicinity pursuant to ASTM E 1527-13. The term *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment, (2) under conditions indicative of a release to the environment, or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not RECs. A *de minimis* condition is a condition 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.

Detailed Scope of Services

The scope of services for this Phase I ESA consisted of records review, site reconnaissance, an email interview, and report preparation. The records review task for the Phase I ESA included a database search, a search of aerial photograph collections, and a review of United States Geological Survey (USGS) quadrangle maps covering the subject property. The scope of work did not include testing for asbestos-containing materials or lead-based paint.

- **Database Search.** ICF used the services of Environmental Data Resources, Inc. (EDR) to conduct a search of publicly available databases. These included, but were not limited to, the federal and state ASTM standard databases listed below. A complete list of databases searched is provided in Appendix B.
    - Federal National Priorities List (NPL)
    - Federal Proposed NPL
    - NPL Liens
    - Delisted NPL
    - Federal Facility Site Information listing
    - Superfund Enterprise Management System (SEMS) and SEMS-Archive
    - Federal Corrective Action Sites facilities list
    - Resource Conservation and Recovery Act (RCRA) generators lists
    - Land Use Control Information System, US Engineering Controls sites, and sites with institutional controls registries
    - Federal Emergency Response and Notification System list
    - EnviroStor Database
    - Solid Waste Information System
    - Voluntary Cleanup Program Properties
    - US Brownfields
    - Leaking Underground Storage Tank (LUST) List
    - Leaking Aboveground Storage Tank (AST) List
    - Calsites Database
    - Clandestine Drug Labs
    - California Environmental Reporting System (CERS) Tanks
    - California Hazardous Material Incident Report System
    - Formerly Used Defense Sites
    - Integrated Compliance Information System
    - Facility Index System/Facility Registry System (FINDS)
    - "Cortese" Hazardous Waste & Substances Sites List
    - EDR Exclusive Historical Auto Stations (Hist Auto)
    - EDR Exclusive Historical Cleaners
- **Aerial Photograph Search.** Aerial photographs from 1938, 1947, 1953, 1963, 1972, 1977, 1987, 1990, 1994, 2005, 2009, 2012, and 2016 were reviewed to develop a general history of site use.
- **USGS Topographic Maps.** ICF obtained and reviewed the 1896, 1901, 1902, 1932, 1935, 1942, 1949, 1951, 1965, 1972, 1981, and 2012 USGS topographic maps to develop a general understanding of site history and topography.

- **Site Reconnaissance.** ICF personnel conducted a site reconnaissance to observe and document existing conditions indicative of potential RECs, observe the current use and condition of the property, and observe and document the general site setting.
- **Interviews.** ICF conducted an email interview with OC Parks representatives to inquire about site use and history.
- **Report Preparation.** ICF prepared this report, documenting the scope of work performed, findings, and recommendations.

User Reliance

This report was prepared in general accordance with the recommended format of ASTM E 1527-13 (ASTM International 2013) and for the sole use of OC Parks in support of the development of the MISQ Master Plan Project. No third party should rely on the information contained herein without the prior written consent of ICF and OC Parks.

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Chapter 2
Site Description

The project site lies in northern Orange County in the city of Fountain Valley. The terrain on site is relatively flat, varying from 40 feet (on the southern portion of the project site, near Warner Avenue) to 50 feet above sea level (in the northeastern portion of the project site, at the intersection of Edinger Avenue and Euclid Street). The project site is currently a part of both the Mile Square Golf Course, which is composed of two 18-hole golf courses, and the existing MISQ site. Implementation of the project would remove one of the existing golf course operations, leaving one operational. Improvements would occur both in the existing and future MISQ sites. Appendix A, Figure 1, shows the project vicinity.

Current Uses of Adjoining Properties

The land uses surrounding MISQ consist of a mix of residential and commercial uses. Residential uses surround the northern, eastern, southern, and western sides of Mile Square and commercial uses are primarily to the south. The 93-acre future MISQ and 186-acre existing MISQ are adjacent to the Fountain Valley Sports Park, the existing Mile Square Golf Course, and the David L. Baker Golf Course.

Topography

The USGS 7.5-minute topographic maps reviewed (discussed in detail in Chapter 3, *Records Review*), show that the project area is generally flat with slight changes in elevation across the site (ranging from approximately 40 feet above sea level to approximately 50 feet above sea level). Appendix A, Figure 2, shows the project site.

Groundwater

Groundwater depths for the project footprint were unavailable. The depth to groundwater in the project area was obtained via groundwater monitoring reports found within the State Water Resources Control Board's GeoTracker (2020) website for nearby sites. Groundwater depths at the Mile Square Golf Course site at 10401 Warner Avenue in the second quarter of 2012 were recorded within a range of 6 to 8 feet below ground surface (WGR 2012). The average groundwater depth recorded at the Shell Service Station at 16969 Brookhurst Street was 11 feet below ground surface during the second quarter of 2015 (Wayne Perry, Inc. 2015). The Shell Service Station is on the northwest corner of the Brookhurst Street and Warner Avenue intersection, approximately 0.6 mile to the west of the project.

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Chapter 3
Records Review

Database Search

The EDR Radius Map Report (Appendix B) summarizes database information for all sites within a 1-mile radius of the project site. ICF used the information contained in the EDR report to evaluate the subject site and obtain information to evaluate surrounding properties. The EDR report meets the government records search requirements of ASTM E 1527-13 (ASTM International 2013). Table 3-1 contains a summary of sites identified within the project footprint. Table 3-2 contains a summary of off-site properties listed in the EDR report. Figure 3 in Appendix A identifies the sites listed in Tables 3-1 and 3-2. Sites within 0.25 mile of the project site footprint were analyzed in detail and presented in Table 3-2, as they are the most likely to present deleterious effects on the project site.

The EDR report did not present information indicating that activities within the project footprint would result in a REC on the project site.

Table 3-1. Hazardous Materials Listings Associated with the Project Site

Site Name	Database(s)	Site Status Summary
County of Orange	CERS	Site is listed in California Environmental Protection Agency CERS database as a *Chemical Storage Facility*. A compliance evaluation inspection performed by Orange County Environmental Health (in 2014) listed under the CERS database did not identify violations. There were no other entries under the CERS database for the site; therefore, the storage of chemicals (in reportable quantities) presumably only occurred in 2014. Types of materials stored and quantities were not disclosed. The listing was associated with the 16801 Euclid Street address, but did not specify a location within the project site.

Table 3-2. Hazardous Materials Listings Associated with the Off-site Properties with 0.25 Mile

Site and Address Listed	Database(s)	Distance from Project Site	Site Status Summary
Chevron #7842/ Chevron Station #97842/Valley Service Center 11025 Warner Avenue	LUST, SWEEPS UST, HIST UST, CA FID UST, Cortese, HIST CORTESE, CERS, EDR Hist Auto	0.036 mile to the southeast	LUST site. Leak discovered during a tank closure. Gasoline-impacted groundwater. Case opened in April of 1989. Site received closure in March 2005 by the Orange County Local Oversight Program (LOP). Remediation activities included excavation and soil vapor extraction. No other violations noted.

Site and Address Listed	Database(s)	Distance from Project Site	Site Status Summary
Walgreens #12694 10990 Warner Avenue	CERS HAZ WASTE, HAZNET, HWTS, RCRA NonGen/NLR	0.025 mile to the south-southeast	Site was listed as a *Hazardous Waste Generator* under the CERS database. There were no violations listed under CERS. Waste generated listed as off-specification, aged, or surplus organics, other organics, unspecified solvent mixtures, and pharmaceutical waste. No violations listed.
Unocal #5612/KA Management Inc. DBA Edinger ARCO/DMJ Oil/Station 5612/ Fountain Valley Enterprises/Union Oil Service Station 56 10975 Edinger Avenue	LUST, HIST CORTESE, CERS, HIST UST, UST, CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS, RCRA NonGen/NLR, EDR Hist Auto	0.036 mile to the southeast	LUST site. Gasoline-impacted soil. Case opened in April of 1989. Site received closure in January of 1994 by the Orange County LOP. Listed as a *Chemical Storage Facility* under the CERS database. Several violations listed under CERS; however, they were administrative in nature, involved failure to adequately test tank equipment, etc. No violations under CERS involved the release of hazardous materials into the environment. Waste material generated by the site listed as *Other Organic Solids.* No other violations noted.
Stater Bros. Markets 077 11085 Warner Avenue	CERS HAZ WASTE, CERS, RCRA NonGen/ NLR	0.076 mile to the southeast	Site is listed as a *Chemical Storage Facility* under the CERS database. One violation listed in 2016 for the failure to properly label hazardous waste accumulation containers. The site returned to compliance the same year. The violation identified did not involve the release of hazardous materials into the environment. No other violations noted.
David L. Baker Golf Course/David L Baker Memorial Golf Course 10410 Edinger Avenue	LUST, CERS HAZ WASTE, CERS TANKS, CA FID UST, Cortese, CERS, RCRA NonGen/ NLR, UST, SWEEPS UST	0.080 mile to the north-northwest	LUST site. Diesel-impacted media (media not disclosed). Case opened in July of 2003. Site received closure in July of 2004 by the Orange County LOP. Site is listed as a *Chemical Storage Facility* under the CERS database. No violations identified in CERS. No other violations noted.

Site and Address Listed	Database(s)	Distance from Project Site	Site Status Summary
Century Cleaners/ Valley Plaza Cleaners 5015 West Edinger Avenue Suite C	CERS HAZ WASTE, HAZNET, CERS, RCRA-VSQG, FINDS, ECHO	0.096 mile to the northeast	Site is listed as a *Chemical Storage Facility* under the CERS database. One violation listed in 2018 for the failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities. The site returned to compliance the same year. The violation identified did not involve the release of hazardous materials into the environment. Listed as a Conditionally Exempt Small Quantity Generator under the Resource Conservation and Recovery Act for ignitable waste. No other violations noted.
Fountain Valley Community Hospital/ Fountain Valley Medical Development/ Pacific Coast HEM-ONC Med Grp/Healthcare Realty Services, Inc./ Dr. Sang Noh 11160 Warner Avenue	LUST, Cortese, HIST CORTESE, CERS, RCRA NonGen/NLR, FINDS, ECHO, HIST UST, HAZNET, HWTS	0.175 mile to the southeast	LUST site. Diesel-impacted soil. Case opened in March of 1988. Site received closure on the same date by the Orange County LOP. Historic underground storage tanks (USTs) consisted of four USTs. Three used to store diesel and one for gasoline. No other violations noted.
Mile Square Golf Course 10401 Warner Avenue	LUST, UST, SWEEPS UST, HIST UST, Cortese, CERS, CERS HAZ WASTE, CA FID UST, CERS TANKS, HIST CORTESE, AST, HAZNET, HWTS	0.213 mile to the south-southwest	LUST site. Gasoline, MTBE/TBA/Other Fuel Oxygenate–impacted groundwater. Case opened in March of 1992. Site received closure in March of 2014 by the Orange County LOP. Two historic USTs on site: one 1,000-gallon gasoline and one 500-gallon diesel UST. Site is listed as a *Chemical Storage Facility* under the CERS database. Several violations listed; however, they were administrative in nature. Violations identified did not involve the release of hazardous materials into the environment. One 1,320-gallon AST listed; however, contents were not disclosed. There were no violations associated with the AST. This listing is associated with the golf course maintenance facility at 10401 Warner Avenue and outside the project footprint.

Site and Address Listed	Database(s)	Distance from Project Site	Site Status Summary
Fountain Valley Regional Hospital 17100 Euclid Street	LUST, SWEEPS UST, CA FID UST, HIST CORTESE, UST, Cortese, CERS, CERS HAZ WASTE, CERS TANKS, FINDS, ECHO, EMI, HAZNET, HWTS	0.246 mile to the SE	LUST site. Diesel-impacted groundwater. Case opened in June of 1996. Site listed as *Open* and undergoing assessment and interim remedial action. Under oversight by the Orange County LOP. Impacts were discovered in 1996 during the removal of a 10,000-gallon diesel UST. Petroleum hydrocarbon–impacted soil was excavated and exported to an off-site disposal facility. In addition to soil disposal, petroleum hydrocarbon–impacted groundwater was recovered from the excavation and disposed of. Groundwater monitoring has been ongoing. Groundwater on site was recorded at depths ranging from approximately 7 to 10 feet below grade (in 2019; C. James & Associates, Inc. 2019). A request for closure report prepared in April of 2020 stated that contaminants are concentrated near the release area and do not pose a threat to public health or the environment. The plume of impacted groundwater has demonstrated stability and is expected to achieve water quality objectives through natural attenuation.

CA FID = California Facility Inventory Database; ECHO = U.S. Environmental Protection Agency Enforcement and Compliance History Online; EMI = Emissions Inventory Data; HAZNET = Facility and Manifest Data; HIST = historical; HWTS = Hazardous Waste Tracking System; MTBE = methyl tertiary-butyl ether; NonGen/NLR = Non Generators; RCRA-VSQG = Very Small Quantity Generator; SWEEPS = Statewide Environmental Evaluation and Planning System; TBA = tertiary butyl alcohol

Aerial Photograph and Topographic Map Review

EDR completed a search of available aerial photographs (Appendix C) and topographic maps (Appendix D) to assist in evaluating the project footprint's potential liability from past activities. Copies of the aerial photographs and topographic maps have been provided in Appendices C and D, respectively. A summary of the photographs and maps reviewed is provided below.

Aerial Photographs

ICF reviewed aerial photographs provided by EDR for 1938, 1947, 1953, 1963, 1972, 1977, 1987, 1990, 1994, 2005, 2009, 2012, and 2016.

- **1938:** The United States Department of Agriculture (USDA) photo shows the project area. The site appears largely undeveloped, with sparse structures throughout the project footprint. With the exception of the aforementioned structures, the project footprint is largely occupied by agricultural uses. The surrounding area also consists of agricultural land.

- **1947:** The photo shows three military landing fields in the shape of a triangle on the western portion of the project site and in the center of what is now MISQ. The area immediately adjacent to the landing fields largely remains agricultural land. Additional residential structures appear to the north and southwest of the project area.
- **1953:** There are no major discernable differences between the 1947 and the 1953 photographs.
- **1963:** Additional residential development appears to the north, northeast, and northwest of the project area. Uses within the project footprint remain similar to those in the 1947 and 1953 photographs: landing fields on the western portion with the remaining area used as agricultural land.
- **1972:** Significant residential development now appears to the north, east, and south of the project site (beyond Warner Avenue, Edinger Avenue, and Euclid Street) with some commercial land use mixed in. The southern portion of the project site now appears developed with recreational uses (along with the southwestern corner of the MISQ). The northern portion of the project site continues as agricultural land use, while the landing fields remain on the western portion of the project site. An H-shaped structure appears to the southeast, beyond the Euclid Street and Warner Avenue intersection, where the Fountain Valley Regional Hospital currently is located.
- **1977:** Additional residential development appears to the north, northeast, and northwest of the project site. Recreational land use has replaced agricultural fields in the northern portion of the project site, connecting that area with the southern portion of the project site. Tennis courts, basketball courts, and baseball fields appear west of the military landing fields. The area immediately adjacent to the project site to the northwest continues as agricultural land.
- **1987:** Additional development appears on the Fountain Valley Regional Hospital campus.
- **1990:** The area immediately adjacent the project site to the northwest is no longer agricultural and now appears to be recreational use. The military landing fields remain on site.
- **1994:** There are no major discernable differences between the 1990 USDA and the 1994 USGS/ Digital Orthophoto Quarter Quadrangle photographs.
- **2005:** The military landing fields have been replaced by recreational uses.
- **2009:** Additional baseball fields and parking areas appear immediately to the northwest of the project area.
- **2012 and 2016:** There are no major discernable differences between the 2012 and 2016 USDA/ National Agriculture Imagery Program and the 2009 USDA/National Agriculture Imagery Program photographs.

Topographic Maps

ICF reviewed USGS topographic maps provided by EDR for 1896, 1901, 1902, 1932, 1935, 1942, 1949, 1951, 1965, 1972, 1981, and 2012.

- **1896:** The 1896 USGS Santa Ana 15-minute topographic map depicts a general overview of the project site. The area south of the project is labeled as Bolsas. The topographic maps show the project site as open land with some scattered dwellings to the north. Several roadways surround the project site and the Santa Ana River is depicted to the southeast.

- **1901:** The 1901 USGS Santa Ana 15-minute topographic map depicts additional dwellings surrounding the project site. The roadway layout in the project site surroundings has changed. Similar to the 1896 topographic map, the Santa Ana River is depicted to the southeast.
- **1902:** There are no major discernable differences between the 1901 USGS Santa Ana 15-minute topographic map and the 1902 USGS Corona 30-minute topographic map.
- **1932:** The 1932 USGS Newport Beach 7.5-minute topographic map shows the project site as open land with a slight elevation ranging from 40 feet above sea level (southwest) to 50 feet above sea level (northeast). The neighborhood "Colonia Juarez" is depicted just south of the project site. The project site is bound by Wintersberg Avenue (south), Smeltzer Avenue (north), Verano Street (east), and an unidentified street on the west. The Santa Ana River is depicted to the southeast.
- **1935:** There are no major discernable differences between the 1932 USGS Newport Beach 7.5-minute topographic map and the 1935 USGS Newport Beach 7.5-minute topographic map.
- **1942:** The 1942 USGS Santa Ana 15-minute topographic map shows the project site as open land with a few scattered dwellings. Additional dwellings appear in the project site's surrounding.
- **1949:** The 1949 USGS Newport Beach 7.5-minute topographic map shows the project site as part of a Naval Reservation (associated with the three military landing fields described in the 1947 aerial). The community of Silver Acres appears to the north. Residential communities appear to the northeast.
- **1951:** There are no major discernable differences between the 1949 USGS Newport Beach 7.5-minute topographic map and the 1951 USGS Newport Beach 7.5-minute topographic map.
- **1965:** The 1965 USGS Newport Beach 7.5-minute topographic map shows a landing field on the western portion of the project site (in the area of the Naval Reservation described previously). Additional residential communities appear north (Westminster), northeast, west, and southwest. The San Diego Freeway appears to the southwest of the project site.
- **1972:** The 1972 USGS Newport Beach 7.5-minute topographic map depicts a golf course immediately adjacent to the project site (on the southwest and within what is now MISQ). An aqueduct runs east and west on the southern portion of the project site. Additional residential communities surround the project site. Various schools now appear north, east, and west. Larger commercial structures can be seen mixed in (in various locations) with residential areas in the project site's surrounding. Some buildings appear in the area that is now the Fountain Valley Regional Hospital.
- **1981:** The 1972 USGS Newport Beach 7.5-minute topographic map depicts the landing field (Mile Square Field) as closed. Additional residential communities surround the project site along with larger structures that appear to be commercial locations. A small recreational waterbody appears on the northeastern portion of the project site. Additional structures appear on the Fountain Valley Regional Hospital campus.
- **2012:** The 2012 USGS Newport Beach 7.5-minute topographic map shows the David L. Baker Golf Course on the northwestern portion of MISQ. The area surrounding the project site is fully developed. Coastline Community College is identified to the southeast and Kensington Gardens to the northwest. Garden Grove appears immediately to the north.

Additional Research

Additional research was conducted by ICF to obtain more information regarding the project footprint, such as the status of environmental permits; the presence of oil, gas, or groundwater wells; violations; or corrective actions. The sources discussed below were used.

State Water Resources Control Board GeoTracker Database

No records associated with the project footprint were found in the State Water Resources Control Board's GeoTracker (2020) database.

Department of Toxic Substances Control EnviroStor Database

No records associated with the project footprint were found in Department of Toxic Substances Control's EnviroStor (2020) database.

California Geologic Energy Management Division Well Finder Database

No wells were identified in the California Geologic Energy Management Division's Well Finder database (2020) within the project footprint.

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Chapter 4
Interviews and Site Reconnaissance

A site reconnaissance was conducted by Mario Barrera of ICF on October 27, 2020. An email interview was submitted to Natalia Gaerlan of the Planning & Design Division of OC Parks by ICF the week of November 9, 2020. The email interview responses were provided by Mike Wilson, Operations Manager, and Eric J. Rubery, Supervising Park Ranger, both with OC Parks. In addition, OC Parks provided a written timeline of the MISQ property's history during preparation of this Phase I ESA. The property's history and the email interview conducted are summarized below.

Mile Square Property Timeline Summary

The federal government purchased the Mile Square property during World War II, which was previously used for agriculture. Subsequently, three runways were constructed (in a triangle shape) in the center of the property and used for training purposes by aviators from El Toro Marine Corps Air Station and the Santa Ana Army Air Base. In 1967, the County of Orange entered into a long-term lease with the federal government for park purposes for the area surrounding the triangular landing fields and moved ahead with park development. In 1970, the County entered into a sub-lease with the Mile Square Golf Course and built an 18-hole golf course adjacent to Warner Avenue. Subsequently, in 1973, the Navy declared the Mile Square site as surplus and the County was given title to the land for park and recreation purposes. The County then acquired the 137-acre triangular landing zone area in 1991 and 1992. In 1999, the majority of the triangular landing area was included in the expansion of Mile Square Golf Course.

The Mile Square property currently consists of:

- **Mile Square Golf Course**. A public golf course that encompasses two regulation 18-hole golf courses is in the central and southwestern portions of Mile Square. The course contains a practice driving range, seven large ponds, and a club house with full-service banquet facilities, a restaurant, and a golf shop.
- **David L. Baker Golf Course**. An executive 18-hole public golf course in the northwestern portion of Mile Square. The course contains a practice driving range, six human-made lakes, and a club house with a full-service banquet facility, restaurant, and golf shop.
- **Fountain Valley Sports Park**. A multipurpose recreational facility west of MISQ and between the David L. Baker Golf Course and Mile Square Golf Course. Facilities include 15 softball/ baseball fields, 12 tennis courts, 5 racquetball courts, 3 soccer fields, and a gymnasium.
- **Existing MISQ.** The existing MISQ has permanent built structures for recreational use, along with some facilities for County of Orange personnel. Three primary facilities include the park entrance office, the maintenance yard, and the multiuse building known as Freedom Hall.

Email Interview

Mr. Rubery indicated that there are several structures on the project site: a park ranger office, two park entry booths, Freedom Hall, a maintenance garage and associated office, a former nature center, and north and south pump houses. Mr. Rubery stated that hazardous materials are not stored in reportable quantities on site and include gasoline, grease, oil, some bleach and disinfectants for cleaning and sanitizing restrooms, and a bed-mounted diesel fuel tender on the bed of a maintenance pickup truck. Mr. Wilson stated that there are groundwater monitoring wells at both the David L. Baker Golf Course maintenance yard and the Mile Square Golf Course maintenance yard, outside the project site. There are no existing underground storage tanks (USTs) or ASTs on the project site. Both Mr. Rubery and Mr. Wilson were unaware of any type of regulatory actions conducted on the site. The project site has not been the subject of environmental, health, or safety complaints or lawsuits. Mr. Rubery noted that he is not aware of any environmental liens, limitations, or institutional controls, or areas of known or suspected spill events within the project site and, to his knowledge, no site investigations and/or remedial activities have occurred on site.

Site Reconnaissance

Methods and Limiting Conditions

The project footprint was accessible to ICF at the time of the site reconnaissance. Mr. Barrera of ICF walked throughout the entirety of the project area, stopping at regular intervals (or at features of interest to this report) to document site conditions, record pertinent observations, and take photographs. After a meeting with Eric Rubery, Supervising Park Ranger, Mr. Barrera performed the initial portion of the site visit with reconnaissance of the existing MISQ site. The future MISQ site was documented after Mr. Barrera met with David Ahlstrand, Mile Square Golf Course superintendent.

Observations

At the time of the site reconnaissance, land use in the existing MISQ footprint primarily consisted of open space with park amenities comprising bathrooms, picnic areas, benches, ponds, and other features. Site topography was generally flat. There was a maintenance yard on the southwestern corner of the existing MISQ site footprint. Maintenance vehicles and equipment (including a backhoe) were parked within the maintenance yard. Other items included trash cans, orange roadway cones, wooden pallets, landscaping equipment, and miscellaneous tools. There were two small enclosures with *Danger* placards, suggesting flammable materials. Small gasoline canisters were noted inside of one. A wash area was on the southern portion of the yard, with an adjacent sign stating *No Vehicle Wash*. No USTs or ASTs were noted in the yard. Also, no significant staining or odors were identified. Drainage channels were observed throughout the existing MISQ site, and no odors were identified.

Land use at the future MISQ site consists of a recreational golf course. This area consisted of grass courses intermixed with sand traps and ponds. Bathrooms and irrigation equipment were observed throughout. The site reconnaissance was conducted mostly along the perimeter of the future MISQ footprint (for safety), as multiple patrons were using the golf course at the time.

No storage tanks or silos indicative of petroleum or other materials storage were observed either in the existing or future MISQ sites. No discarded containers (potentially containing hazardous materials), significant amounts of debris, or burn sites were observed during the site reconnaissance. No stains or odors (indicative of possible hazardous materials or petroleum product releases) were observed. No unidentified materials of concern were observed on any portion of the existing or future MISQ sites.

Photographs of the project site and its surroundings are presented in Appendix E.

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Chapter 5
Data Gaps

ICF did not identify any significant data gaps during preparation of the Phase I ESA.

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Chapter 6
Findings

The current land use in the existing MISQ footprint primarily consisted of open space with park amenities comprising bathrooms, picnic areas, benches, ponds, and other features. The future MISQ footprint currently is occupied by a golf course.

A portion of the project site was listed in the California Environmental Protection Agency's CERS database (under the 16801 Euclid Street address) as a Chemical Storage Facility. A compliance evaluation inspection performed by Orange County Environmental Health in 2014 did not identify violations; therefore, the chemical storage facility listing is not likely to affect implementation of the project. There were no other listings for the project site under the CERS database. In addition, a listing associated with the Mile Square Golf Course was identified with a prior release of gasoline, methyl tertiary butyl ether, tert-butyl alcohol, and other fuel oxygenates to groundwater. The site was granted closure in March of 2014 by the Orange County Local Oversight Program and, upon review of database information, it was determined that the listing was associated with the golf course maintenance facility at 10401 Warner Avenue, outside the project footprint. Due to the site's environmental status, it is unlikely to affect implementation of the project.

With the exception of the Fountain Valley Regional Hospital, other off-site properties (within a 0.25-mile radius of the project) with a history of release have all been granted closure status by the applicable oversight agency (Table 3-2) and are unlikely to pose a potential risk. The Fountain Valley Regional Hospital site at 17100 Euclid Street, 0.175 mile to the southeast of the project site, was listed as open and undergoing assessment and interim remedial action with a diesel release to groundwater. Impacts were discovered in 1996 during the removal of a 10,000-gallon diesel UST and remediation and monitoring have been ongoing. As mentioned in Table 3-2, a *Summary of Additional Soil and Soil Vapor Assessment Operations and Request for Closure* report prepared for the site in April of 2020 (C. James & Associates, Inc. 2020) stated that contaminants are concentrated near the release area and do not pose a threat to public health or the environment. The report stated that the contaminant plume has demonstrated stability and is expected to achieve water quality objectives through natural attenuation. Therefore, off-site contaminant migration is unlikely to occur and the site is unlikely to affect implementation of the project.

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Chapter 7
Opinions and Recommendations

ICF has conducted this Phase I ESA in general conformance with the *ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM International 2013) for the approximately 279-acre site in Orange County, California being considered as part of the project.

No RECs were identified associated with the aforementioned project site; therefore, no further assessments are recommended at this time.

Other Environmental Considerations

The ranger station in the existing MISQ site would be demolished as part of the project. Due to its build date (1970), asbestos-containing materials and lead-based paint surveys should be conducted to determine the presence (or lack thereof) of these materials prior to demolition. If these materials are detected, appropriate safety measures would be implemented for their removal, transport, and disposal. Abatement of asbestos and lead paint is required in accordance with South Coast Air Quality Management District Rule 1403 prior to demolition activities and should be conducted by a certified specialist in accordance with all applicable laws.

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Chapter 8
References

ASTM International. 2013. *ASTM E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. West Conshohocken, PA.

California Geologic Energy Management Division. 2020. *Well Finder*. Available: https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-117.94368/33.72226/15. Accessed: November 5, 2020.

C. James & Associates, Inc. 2019. *Third Quarter 2019 Groundwater Monitoring Report Fountain Valley Regional Hospital*. Available: https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/1022234439/T0605900090.PDF. Accessed: November 5, 2020.

C. James & Associates, Inc. 2020. *Summary of Additional Soil and Soil Vapor Assessment Operations and Request for Closure Fountain Valley Regional Hospital*. Available: https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/6447832584/T0605900090.PDF. Accessed: November 5, 2020.

Department of Toxic Substances Control. 2020. EnviroStor. Available: https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=mile+square+park. Accessed: November 5, 2020.

State Water Resources Control Board. 2020. GeoTracker. Available: https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901389. Accessed: November 5, 2020.

Wayne Perry, Inc. 2015. *Groundwater Monitoring and Status Report Second Quarter 2015 Shell-Branded Service Station*. Available: https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/2419565558/T0605902133.PDF. Accessed: November 5, 2020.

WGR. 2012. *Second Quarter 2012 Groundwater Monitoring Report at Mile Square Golf Course*. Available: https://documents.geotracker.waterboards.ca.gov/esi/uploads/geo_report/5218495190/T0605901389.PDF. Accessed: November 5, 2020.

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Appendix A
Figures



Figure 1
Regional Vicinity
Mile Square Regional Park Master Plan
Phase I Environmental Site Assessment



\\PDOCITRDSGIS1\Projects_1\OCPW\MileSquarePark\Figures\Phase1\Fig02_ProjectLocation_v2.mxd User: 37937 Date: 11/9/2020

Figure 2
Project Location
Mile Square Regional Park Master Plan
Phase I Environmental Site Assessment

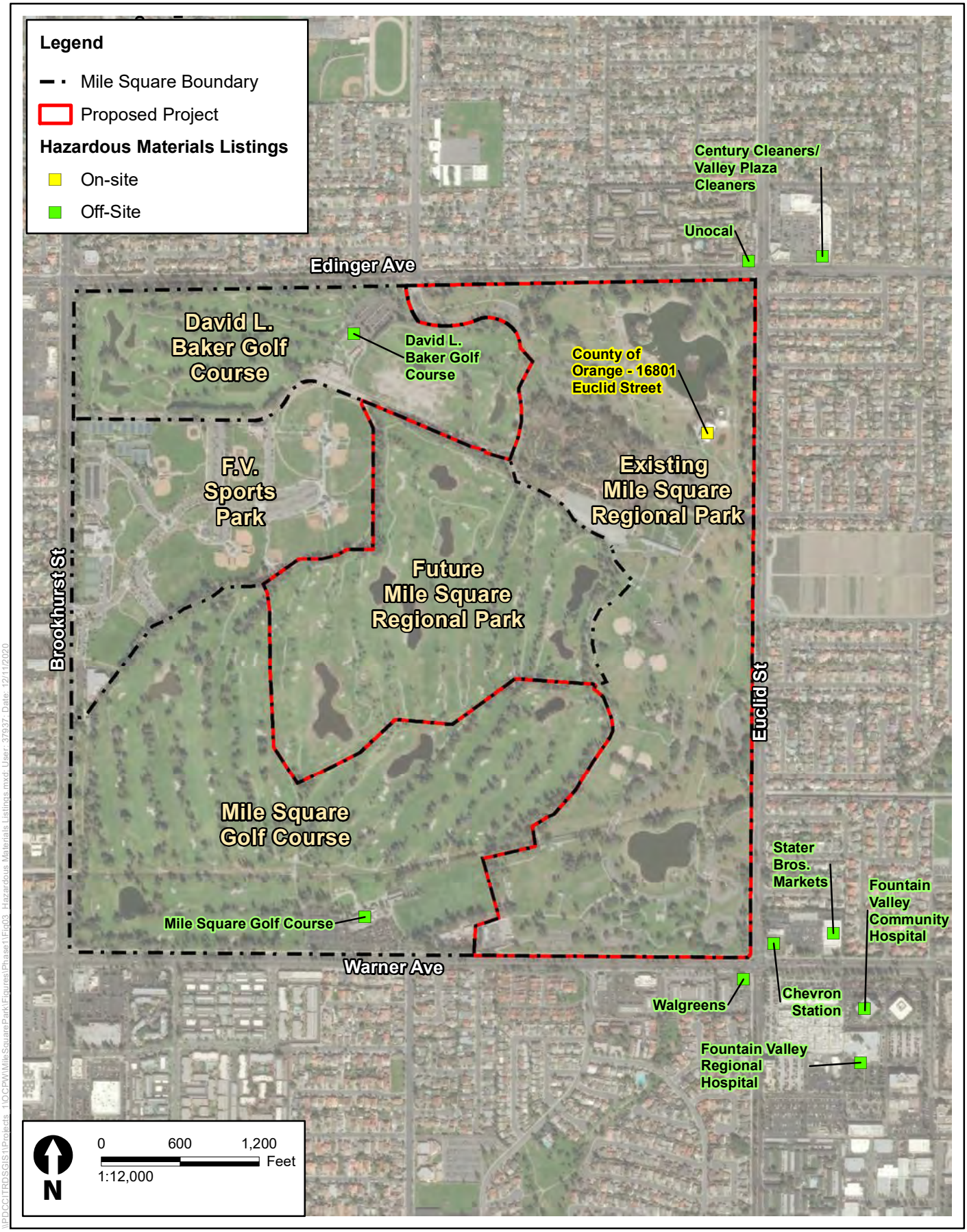


Figure 3
Hazardous Materials Listings
Mile Square Regional Park Master Plan
Phase I Environmental Site Assessment

Appendix B

EDR Area/Corridor Report

Mile Square Regional Park Master Plan
16801 Euclid Street
Fountain Valley, CA 92708

Inquiry Number: 6212898.2s
October 02, 2020

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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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 (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

COORDINATES

Latitude (North):	33.7240650 - 33° 43' 26.63''
Longitude (West):	117.9428670 - 117° 56' 34.32''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	412644.3
UTM Y (Meters):	3731767.0
Elevation:	47 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140514, 20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	COUNTY OF ORANGE	16801 EUCLID ST	CERS		TP
A2	TRIPLET INVESTMENTS,	10956 WARNER AVENUE	RCRA NonGen / NLR	Lower	126, 0.024, SSE
A3	CARNATION CLEANERS	10958 WARNER AVE	EDR Hist Cleaner	Lower	127, 0.024, SSE
A4	ENJAY CLEANERS	10974 WARNER AVE	DRYCLEANERS	Lower	129, 0.024, SSE
A5	JESSIE'S CLEANERS	10974 WARNER AVE	DRYCLEANERS	Lower	129, 0.024, SSE
A6	JESSIES CLEANERS	10974 WARNER AVE	EDR Hist Cleaner	Lower	129, 0.024, SSE
A7	JESSIE CLEANERS	10974 WARNER AVE	RCRA-SQG, FINDS, ECHO, HAZNET, HWTS	Lower	129, 0.024, SSE
A8	WALGREENS #12694	10990 WARNER AVE STE	CERS HAZ WASTE, HAZNET, HWTS	Lower	131, 0.025, SSE
A9	WALGREENS #12694	10990 WARNER AVE STE	RCRA NonGen / NLR	Lower	131, 0.025, SSE
B10	CARNATION CLEANERS	10810 WARNER AVE 6	EDR Hist Cleaner	Lower	152, 0.029, SSE
A11	UNIFIED MEDICAL CLIN	10900 WARNER AVE STE	RCRA NonGen / NLR	Lower	166, 0.031, SSE
A12	BILL S LIN DDS	10900 WARNER AVE	RCRA NonGen / NLR	Lower	166, 0.031, SSE
C13	CHEVRON #7842	11025 WARNER	LUST, SWEEPS UST, HIST UST, CA FID UST, Cortese,...	Lower	190, 0.036, SE
C14	97842	11025 WARNER AVE	HIST UST	Lower	190, 0.036, SE
C15	VALLEY SERVICE CENTE	11025 WARNER AVE	EDR Hist Auto	Lower	190, 0.036, SE
C16	CHEVRON STATION #978	11025 WARNER AVE # 9	UST	Lower	190, 0.036, SE
D17	EDINGER ARCO	10975 EDINGER AVE	UST	Higher	219, 0.041, NNE
D18	DMJ OIL/EDINGER ARCO	10975 EDINGER AVE	RCRA NonGen / NLR	Higher	219, 0.041, NNE
D19	STATION 5612	10975 EDINGER	HIST UST	Higher	219, 0.041, NNE
D20	UNOCAL #5612	10975 EDINGER AVE	LUST, HIST CORTESE, CERS	Higher	219, 0.041, NNE
D21	KA MANAGEMENT INC DB	10975 EDINGER AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Higher	219, 0.041, NNE
D22	FOUNTAIN VALLEY ENTE	10975 EDINGER AVE	EDR Hist Auto	Higher	219, 0.041, NNE
D23	UNION OIL SERVICE ST	10975 EDINGER	HIST UST	Higher	219, 0.041, NNE
D24	UNOCAL #5612	10975 EDINGER	LUST, Cortese	Higher	219, 0.041, NNE
E25	RON LAURENCE	10785 ONYX CT	RCRA NonGen / NLR	Higher	242, 0.046, NNE
F26	DAVID LE	15978 HYDE CT	RCRA NonGen / NLR	Higher	243, 0.046, NNE
B27	MILE SQUARE SURGERY	10760 WARNER AVE #10	RCRA NonGen / NLR	Lower	243, 0.046, South
D28	FOLLON CHARLIE 3	15972 EUCLID	HIST UST	Higher	258, 0.049, NNE
G29	PARESH VEERA	11045 SUDITH AVE	RCRA NonGen / NLR	Lower	261, 0.049, SE
F30	ALAA IBRAHAM	15970 HYDE CT.	RCRA NonGen / NLR	Higher	282, 0.053, NNE
H31	RYSZARD BORUCKI	16300 MOUNT BADEN PO	RCRA NonGen / NLR	Higher	288, 0.055, ENE
H32	CHUCK CORY	11044 CORAL ALOE AVE	RCRA NonGen / NLR	Higher	289, 0.055, ENE
I33	TRAN TUAN	15951 WARD STREET	RCRA NonGen / NLR	Lower	331, 0.063, NNW
I34	TRAN TUAN	15951 WARD ST	RCRA NonGen / NLR	Lower	331, 0.063, NNW
G35	PATRICIA CLARK	11058 CAMELLIA AVE	RCRA NonGen / NLR	Lower	338, 0.064, SE
E36	CHRIS MUSANTE	10772 COBALT	RCRA NonGen / NLR	Higher	338, 0.064, NNE
G37	BYRON TAYLOR	11062 SUDITH AVE	RCRA NonGen / NLR	Lower	361, 0.068, SE
C38	DA VINCI COSMETIC SU	11100 WARNER AVE SUI	RCRA NonGen / NLR	Lower	378, 0.072, SSE
C39	DANIEL RECALDE DPM I	11100 WARNER AVE STE	RCRA NonGen / NLR	Lower	378, 0.072, SSE

MAPPED SITES SUMMARY

Target Property Address:
16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
C40	ROBERT A DEVEREAUX M	11100 WARNER AVE, #1	RCRA NonGen / NLR	Lower	378, 0.072, SSE
C41	RICHY AGAJANIAN MD A	11100 WARNER AVE STE	RCRA NonGen / NLR	Lower	378, 0.072, SSE
C42	CLEANER & LAUNDRY IN	11073 WARNER AVE	EDR Hist Cleaner	Lower	379, 0.072, SE
C43	STATER BROS MARKETS	11085 WARNER AVE	RCRA NonGen / NLR	Lower	400, 0.076, SE
C44	STATER BROS. MARKETS	11085 WARNER AVENUE	CERS HAZ WASTE, CERS	Lower	400, 0.076, SE
J45	CENTURY CLEANERS	5127 W EDINGER AVE	DRYCLEANERS	Higher	402, 0.076, NE
J46	VALLEY PLAZA CLEANER	5127 W EDINGER AVE	DRYCLEANERS	Higher	402, 0.076, NE
J47	VALLEY 1 HR PHOTO AN	5127 W EDINGER STE F	RCRA-SQG, FINDS, ECHO, EMI	Higher	402, 0.076, NE
J48	VALLEY PLAZA CLEANER	5127 W EDINGER	DRYCLEANERS	Higher	402, 0.076, NE
I49	DONALD POE	10445 MORNING GLORY	RCRA NonGen / NLR	Lower	420, 0.080, NNW
F50	DAVID DECKER	10835 POLY CT	RCRA NonGen / NLR	Higher	425, 0.080, NNE
K51	DAVID L BAKER MEM GO	10410 EDINGER AVE	UST, SWEEPS UST	Lower	425, 0.080, NNW
K52	DAVID L BAKER MEMORI	10410 EDINGER AVE	RCRA NonGen / NLR	Lower	425, 0.080, NNW
K53	DAVID L. BAKER GOLF	10410 EDINGER AVE.	LUST, CERS HAZ WASTE, CERS TANKS, CA FID UST,...	Lower	425, 0.080, NNW
K54		10410 EDINGER AVE	AST	Lower	425, 0.080, NNW
G55	TERRY CHIU	11081 SUDITH AVE	RCRA NonGen / NLR	Lower	449, 0.085, SE
J56	CENTURY CLEANERS	5015 W EDINGER #C	DRYCLEANERS	Higher	507, 0.096, NE
J57	VALLEY PLAZA CLEANER	5015 W EDINGER AVE #	DRYCLEANERS	Higher	507, 0.096, NE
J58	VALLEY PLAZA CLEANER	5015 W EDINGER AVE	EDR Hist Cleaner	Higher	507, 0.096, NE
J59	CENTURY CLEANERS	5015 W EDINGER UNIT	RCRA-VSQG, FINDS, ECHO	Higher	507, 0.096, NE
J60	CENTURY CLEANERS	5015 W EDINGER AVE S	CERS HAZ WASTE, HAZNET, CERS	Higher	507, 0.096, NE
J61	VALLEY PLAZA CLEANER	5015 W EDINGER	DRYCLEANERS	Higher	507, 0.096, NE
J62	CENTURY CLEANERS	5015 W EDINGER #C	DRYCLEANERS	Higher	507, 0.096, NE
J63	VALLEY PLAZA CLEANER	5127 W EDINGER	RCRA-SQG, FINDS, ECHO, DRYCLEANERS	Higher	507, 0.096, NE
64	ANNEX CLEANERS	16338 MOUNT DANA CIR	EDR Hist Cleaner	Higher	538, 0.102, ENE
65	ANH DAO TRUONG	16212 MOUNT CRAIG CI	RCRA NonGen / NLR	Higher	555, 0.105, ENE
66	ANN HUNTER	11107 LAVENDER AVENU	RCRA NonGen / NLR	Lower	596, 0.113, ESE
L67	VERNA AYER	17135 REIMER ST	RCRA NonGen / NLR	Lower	626, 0.119, South
68	THE CANS COMPANY	5111 W EDINGER AVE	SWRCY	Higher	631, 0.120, NE
69	HEHN MICHAEL CHEVRON	16677 MOUNT CACHUMA	EDR Hist Auto	Lower	644, 0.122, ESE
70	JOSEPH VU	10934 PEBBLE CT.	RCRA NonGen / NLR	Higher	702, 0.133, NNE
L71	SUE WE	17126 SAN RICARDO	RCRA NonGen / NLR	Lower	716, 0.136, South
72	DAVID & VICKIE FAIRC	10390 MARGARITA AVE	RCRA NonGen / NLR	Lower	745, 0.141, NNW
73	HECHT, MICHAEL G.	11136 MCGEE RIVER CI	RCRA NonGen / NLR	Lower	893, 0.169, SE
M74	MARCIA BRUNO	15849 LOS REYES ST	RCRA NonGen / NLR	Higher	896, 0.170, North
N75	THOMAS STEWART	10331 MORNING GLORY	RCRA NonGen / NLR	Lower	913, 0.173, NW
O76	FOUNTAIN VALLEY MEDI	11160 WARNER AVE STE	HIST UST	Lower	925, 0.175, SE
O77	PACIFIC COAST HEM-ON	11160 WARNER AVE #31	RCRA NonGen / NLR, FINDS, ECHO	Lower	925, 0.175, SE
O78	FOUNTAIN VALLEY COMM	11160 WARNER	LUST, Cortese, HIST CORTESE, CERS	Lower	925, 0.175, SE

MAPPED SITES SUMMARY

Target Property Address:
16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79	HEALTHCARE REALTY SE	11160 WARNER AVE	HIST UST, HAZNET, HWTS	Lower	925, 0.175, SE
O80	DR SANG NOH	11160 WARNER AVE STE	RCRA NonGen / NLR	Lower	925, 0.175, SE
P81	RICHARD & SANDRA DAM	10736 EL TIBURON AVE	RCRA NonGen / NLR	Lower	942, 0.178, South
M82	POON, DANIEL	15839 LOS REYES STRE	RCRA NonGen / NLR	Higher	984, 0.186, North
83	VON ROY	5021 WEST LEHNHARDT	RCRA NonGen / NLR	Higher	1019, 0.193, NE
O84	DILIP TAPADIYA M D I	11170 WARNER AVE	RCRA-SQG, FINDS, ECHO	Lower	1076, 0.204, SE
P85	SANDRA & BILL TINNEY	10770 EL GORRA CIRCL	RCRA NonGen / NLR	Lower	1090, 0.206, South
Q86	MILE SQUARE GOLF COU	10401 WARNER AVE	HIST UST, HAZNET, HWTS	Lower	1126, 0.213, SSW
Q87		10401 WARNER AVE	AST	Lower	1126, 0.213, SSW
Q88	MILE SQUARE GOLF COU	10401 WARNER AVE.	LUST, UST, SWEEPS UST, HIST UST, Cortese, CERS	Lower	1126, 0.213, SSW
Q89	MILE SQUARE GOLF COU	10401 WARNER AVE	CERS HAZ WASTE, CA FID UST, CERS TANKS, HIST...	Lower	1126, 0.213, SSW
N90	MCKINDLEY, BOB	15926 LAS FLORES STR	RCRA NonGen / NLR	Lower	1166, 0.221, NW
R91	PATRICIA ELDERTON	11216 CORAL ALOE AVE	RCRA NonGen / NLR	Higher	1187, 0.225, ENE
R92	AUDREY KENDERS	16205 MOUNT MINBUS S	RCRA NonGen / NLR	Higher	1187, 0.225, ENE
93	JEFF CASILLAS	10833 LA FONDA CIR	RCRA NonGen / NLR	Lower	1196, 0.227, SSE
S94	HEALTHCARE REALTY	11180 WARNER AVE	RCRA NonGen / NLR	Lower	1224, 0.232, SE
95	TERRI JUDSON	10757 EL RUBI CIRCLE	RCRA NonGen / NLR	Lower	1226, 0.232, South
S96	21ST CENTURY ONCOLOG	11190 WARNER AVE	RCRA NonGen / NLR	Lower	1271, 0.241, SE
T97	FOUNTAIN VALLEY REGI	17100 EUCLID STREET	RCRA NonGen / NLR	Lower	1298, 0.246, SE
T98	FOUNTAIN VALLEY REGI	17100 EUCLID ST	RCRA NonGen / NLR	Lower	1298, 0.246, SE
T99	FOUNTAIN VALLEY REGI	17100 EUCLID	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	1298, 0.246, SE
T100	FOUNTAIN VALLEY REGI	17100 EUCLID ST	LUST, UST, Cortese, CERS	Lower	1298, 0.246, SE
T101	FOUNTAIN VALLEY REGI	17100 EUCLID ST	CERS HAZ WASTE, CERS TANKS, FINDS, ECHO, EMI,...	Lower	1298, 0.246, SE
T102	FOUNTAIN VALLEY REGI	17100 S EUCLID ST	LUST	Lower	1298, 0.246, SE
103	RIGID FLEX INTERNATI	17282 MT WYNNE CIRCL	ENVIROSTOR, FINDS, ECHO	Lower	1791, 0.339, SSE
104	CHEVRON #4360	10020 WARNER	LUST, CERS HAZ WASTE, CERS TANKS, CA FID UST,...	Lower	2055, 0.389, SW
U105	SHELL SERVICE STATIO	WARNER AVE	LUST, CERS	Lower	2088, 0.395, SW
U106	SHELL SERVICE STATIO	16969 BROOKHURST	RCRA-SQG, LUST, FINDS, ECHO, CERS	Lower	2109, 0.399, SW
U107	SHELL OIL	16969 BROOKHURST	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Lower	2109, 0.399, SW
V108	LUSK INTERIORS	17371 MT WYNNE	LUST, HIST CORTESE, CERS	Lower	2111, 0.400, SSE
V109	LUSK INTERIORS	17371 MT WYNNE	LUST, Cortese	Lower	2111, 0.400, SSE
V110	PRO-TECH	11164 YOUNG RIVER AV	ENVIROSTOR	Lower	2162, 0.409, SSE
W111	DIAMOND CAB INC	17300 MT HERRMANN	SWF/LF, LUST, Orange Co. Industrial Site, Cortese,...	Lower	2165, 0.410, SE
W112	ORANGE COAST YELLOW	17300 MT HERMAN	HIST CORTESE	Lower	2165, 0.410, SE
X113	MOBIL	17025 BROOKHURST	LUST, Cortese	Lower	2267, 0.429, SW
X114	MOBIL	17025 W BROOKHURST S	LUST	Lower	2267, 0.429, SW
X115	MOBIL (18-KAV)	17025 BROOKHURST ST	LUST, SWEEPS UST, CHMIRS, Orange Co. Industrial...	Lower	2267, 0.429, SW
U116	SHELL SERVICE STATIO	WARNER AVE	LUST, Cortese, HIST CORTESE	Lower	2281, 0.432, SW
Y117	EXXON	15980 BROOKHURST	LUST, Cortese, CERS	Lower	2484, 0.470, NW

MAPPED SITES SUMMARY

Target Property Address:
16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Y118	EXXON #7-3561	15980 BROOKHURST AVE	SWEEPS UST, CA FID UST, HIST CORTESE	Lower	2484, 0.470, NW
Z119	QUALITY GAS	9880 WARNER	LUST, Cortese, CERS	Lower	2504, 0.474, SW
Z120	PARNELLI JONES	9880 WARNER AVE	LUST, UST, SWEEPS UST	Lower	2504, 0.474, SW
Z121	BECKER TIRE LLC	9880 WARNER AVE UNIT	CERS HAZ WASTE, CA FID UST, HAZNET, HIST CORTESE,...	Lower	2504, 0.474, SW
122	THE CANS COMPANY	16125 1/2 BROOKHURST	SWRCY	Lower	2539, 0.481, WNW
123	ROYALTY CLEANERS	10585 SLATER AVENUE,	ENVIROSTOR	Lower	2596, 0.492, South
124	FOUNTAIN VALLEY FIRE	16767 NEWHOPE	LUST, Cortese, HAZNET, HIST CORTESE, CERS, HWTS	Higher	2605, 0.493, ESE
AA125	APRO LLC DBA UNITED	11470 EDINGER AVE	SWEEPS UST, CA FID UST, HAZNET, HIST CORTESE, HWTS	Higher	2615, 0.495, ENE
AA126	ST MICHAEL OIL CO	11470 EDINGER	LUST, Cortese, CERS	Higher	2615, 0.495, ENE
127	OMNI METAL FINISHING	11665 COLEY RIVER CI	RCRA-LQG, ENVIROSTOR, HIST UST, ECHO, EMI	Lower	3993, 0.756, SE
128	YES CLEANERS	15397 BROOKHURST	RCRA-SQG, ENVIROSTOR, Orange Co. Industrial Site,...	Lower	4149, 0.786, NW
129	COSTCO WHOLESALE NO	17900 NEWHOPE ST	RCRA-LQG, ENVIROSTOR, CHMIRS, FINDS, ECHO, EMI,...	Lower	4839, 0.916, SSE
130	TTM TECHNOLOGIES INC	2645 CRODDY WAY	ENVIROSTOR, EMI	Lower	5071, 0.960, SE

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
COUNTY OF ORANGE 16801 EUCLID ST FOUNTAIN VALLEY, CA 92708	CERS	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

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

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

State- and tribal - equivalent NPL

RESPONSE ---- State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ---- Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Program Properties

State and tribal Brownfields 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
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program

CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
Orange Co. Industrial Site	List of Industrial Site Cleanups
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
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System

DOCKET HWC - Hazardous Waste Compliance Docket Listing
ECHO - Enforcement & Compliance History Information
UXO - Unexploded Ordnance Sites
FUELS PROGRAM - EPA Fuels Program Registered Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
CUPA Listings - CUPA Resources List
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
HAZNET - Facility and Manifest Data
ICE - ICE
HWP - EnviroStor Permitted Facilities Listing
HWT - Registered Hazardous Waste Transporter Database
MINES - Mines Site Location Listing
MWMP - Medical Waste Management Program Listing
NPDES - NPDES Permits Listing
PEST LIC - Pesticide Regulation Licenses Listing
PROC - Certified Processors Database
Notify 65 - Proposition 65 Records
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
CIWQS - California Integrated Water Quality System
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)
HWTS - Hazardous Waste Tracking System
MINES MRDS - Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants

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

Federal RCRA generators list

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 06/15/2020 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VALLEY 1 HR PHOTO AN EPA ID:: CAD983651134	***5127 W EDINGER STE F***	***NE 0 - 1/8 (0.076 mi.)***	***J47***	***145***
VALLEY PLAZA CLEANER EPA ID:: CAD981990252	***5127 W EDINGER***	***NE 0 - 1/8 (0.096 mi.)***	***J63***	***197***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JESSIE CLEANERS EPA ID:: CAD983620154	***10974 WARNER AVE***	***SSE 0 - 1/8 (0.024 mi.)***	***A7***	***15***
DILIP TAPADIYA M D I EPA ID:: CAD983654914	***11170 WARNER AVE***	***SE 1/8 - 1/4 (0.204 mi.)***	***O84***	***242***

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 06/15/2020 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
CENTURY CLEANERS EPA ID:: CAR000069088	***5015 W EDINGER UNIT***	***NE 0 - 1/8 (0.096 mi.)***	***J59***	***167***

State- and tribal - equivalent CERCLIS

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 04/27/2020 has revealed that there are 7 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
RIGID FLEX INTERNATI	***17282 MT WYNNE CIRCL***	***SSE 1/4 - 1/2 (0.339 mi.)***	***103***	***436***
Facility Id: 71004104				
Status: Inactive - Needs Evaluation				
PRO-TECH	11164 YOUNG RIVER AV	SSE 1/4 - 1/2 (0.409 mi.)	V110	487
Facility Id: 71003056				
Status: No Action Required				
ROYALTY CLEANERS	10585 SLATER AVENUE,	S 1/4 - 1/2 (0.492 mi.)	123	524
Facility Id: 30720009				
Status: Refer: 1248 Local Agency				
OMNI METAL FINISHING	***11665 COLEY RIVER CI***	***SE 1/2 - 1 (0.756 mi.)***	***127***	***540***
Facility Id: 71002330				
Status: Inactive - Needs Evaluation				
YES CLEANERS	***15397 BROOKHURST***	***NW 1/2 - 1 (0.786 mi.)***	***128***	***579***
Facility Id: 30720023				
Status: Refer: 1248 Local Agency				
COSTCO WHOLESALE NO	***17900 NEWHOPE ST***	***SSE 1/2 - 1 (0.916 mi.)***	***129***	***608***
Facility Id: 71003255				
Status: Inactive - Needs Evaluation				
TTM TECHNOLOGIES INC	***2645 CRODDY WAY***	***SE 1/2 - 1 (0.960 mi.)***	***130***	***663***
Facility Id: 71002669				
Status: Inactive - Needs Evaluation				

State and tribal landfill and/or solid waste disposal site lists

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DIAMOND CAB INC	***17300 MT HERRMANN***	***SE 1/4 - 1/2 (0.410 mi.)***	***W111***	***489***
Database: SWF/LF (SWIS), Date of Government Version: 05/11/2020				

Facility ID: 30-AB-0421
Operational Status: Active
Regulation Status: Notification

State and tribal leaking storage tank lists

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 25 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5612	***10975 EDINGER AVE***	***NNE 0 - 1/8 (0.041 mi.)***	***D20***	***66***
Database: LUST, Date of Government Version: 06/08/2020 Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020 Status: Completed - Case Closed Facility Id: 91UT114 Global Id: T0605901443				
UNOCAL #5612	***10975 EDINGER***	***NNE 0 - 1/8 (0.041 mi.)***	***D24***	***97***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605901443				
FOUNTAIN VALLEY FIRE	***16767 NEWHOPE***	***ESE 1/4 - 1/2 (0.493 mi.)***	***124***	***525***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/08/2020 Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020 Status: Completed - Case Closed Facility Id: 91UT125 Facility Status: Case Closed Global Id: T0605901457 Global ID: T0605901457				
ST MICHAEL OIL CO	***11470 EDINGER***	***ENE 1/4 - 1/2 (0.495 mi.)***	***AA126***	***536***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/08/2020 Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020 Status: Completed - Case Closed Facility Id: 89UT049 Facility Status: Post remedial action monitoring Global Id: T0605900927 Global ID: T0605900927				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 06/08/2020 Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020 Status: Completed - Case Closed Facility Id: 89UT067				

Facility Status: Post remedial action monitoring
Global Id: T0605900949
Global ID: T0605900949

DAVID L. BAKER GOLF ***10410 EDINGER AVE.*** ***NNW 0 - 1/8 (0.080 mi.)*** ***K53*** ***156***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 03UT030
Facility Status: Case Closed
Global Id: T0605964297
Global ID: T0605964297

FOUNTAIN VALLEY COMM ***11160 WARNER*** ***SE 1/8 - 1/4 (0.175 mi.)*** ***O78*** ***227***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 86UT203
Facility Status: Case Closed
Global Id: T0605900580
Global ID: T0605900580

MILE SQUARE GOLF COU ***10401 WARNER AVE.*** ***SSW 1/8 - 1/4 (0.213 mi.)*** ***Q88*** ***249***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 92UT045
Facility Status: Remediation Plan
Global Id: T0605901389
Global ID: T0605901389

FOUNTAIN VALLEY REGI ***17100 EUCLID*** ***SE 1/8 - 1/4 (0.246 mi.)*** ***T99*** ***286***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Pollution Characterization
Global ID: T0605900090

FOUNTAIN VALLEY REGI ***17100 EUCLID ST*** ***SE 1/8 - 1/4 (0.246 mi.)*** ***T100*** ***288***
Database: LUST, Date of Government Version: 06/08/2020
Status: Open - Assessment & Interim Remedial Action
Global Id: T0605900090

FOUNTAIN VALLEY REGI 17100 S EUCLID ST SE 1/8 - 1/4 (0.246 mi.) T102 436
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Facility Id: 96UT021

CHEVRON #4360 ***10020 WARNER*** ***SW 1/4 - 1/2 (0.389 mi.)*** ***104*** ***438***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 98UT084
Facility Id: 94UT062
Facility Id: 92UT011
Facility Status: Case Closed
Global Id: T0605901477
Global Id: T0605930283
Global Id: T0605913280

Global ID: T0605901477
Global ID: T0605913280

SHELL SERVICE STATIO ***WARNER AVE*** ***SW 1/4 - 1/2 (0.395 mi.)*** ***U105*** ***469***
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Global Id: T0605900729

SHELL SERVICE STATIO ***16969 BROOKHURST*** ***SW 1/4 - 1/2 (0.399 mi.)*** ***U106*** ***471***
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 98UT010
Global Id: T0605902133

SHELL OIL ***16969 BROOKHURST*** ***SW 1/4 - 1/2 (0.399 mi.)*** ***U107*** ***481***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Remediation Plan
Global ID: T0605902133

LUSK INTERIORS ***17371 MT WYNNE*** ***SSE 1/4 - 1/2 (0.400 mi.)*** ***V108*** ***484***
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 88UT119
Global Id: T0605900783

LUSK INTERIORS ***17371 MT WYNNE*** ***SSE 1/4 - 1/2 (0.400 mi.)*** ***V109*** ***486***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900783

DIAMOND CAB INC ***17300 MT HERRMANN*** ***SE 1/4 - 1/2 (0.410 mi.)*** ***W111*** ***489***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Status: Completed - Case Closed
Facility Id: 90UT130
Facility Status: Case Closed
Global Id: T0605901175
Global ID: T0605901175

MOBIL ***17025 BROOKHURST*** ***SW 1/4 - 1/2 (0.429 mi.)*** ***X113*** ***494***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900856

MOBIL 17025 W BROOKHURST S SW 1/4 - 1/2 (0.429 mi.) X114 495
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Facility Id: 88UT186

MOBIL (18-KAV) ***17025 BROOKHURST ST*** ***SW 1/4 - 1/2 (0.429 mi.)*** ***X115*** ***496***
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Global Id: T0605900856

SHELL SERVICE STATIO ***WARNER AVE*** ***SW 1/4 - 1/2 (0.432 mi.)*** ***U116*** ***502***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605900729

EXXON ***15980 BROOKHURST*** ***NW 1/4 - 1/2 (0.470 mi.)*** ***Y117*** ***504***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020

Status: Completed - Case Closed
Facility Id: 91UT023
Facility Id: 92UT056
Facility Status: Case Closed
Global Id: T0605997412
Global Id: T0605901317
Global ID: T0605901317

QUALITY GAS ***9880 WARNER*** ***SW 1/4 - 1/2 (0.474 mi.)*** ***Z119*** ***513***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: LUST, Date of Government Version: 06/08/2020
Status: Completed - Case Closed
Facility Status: Case Closed
Global Id: T0605900250
Global ID: T0605900250

PARNELLI JONES ***9880 WARNER AVE*** ***SW 1/4 - 1/2 (0.474 mi.)*** ***Z120*** ***517***
Database: ORANGE CO. LUST, Date of Government Version: 05/01/2020
Facility Id: 87UT051

State and tribal registered storage tank lists

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 are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EDINGER ARCO	10975 EDINGER AVE	NNE 0 - 1/8 (0.041 mi.)	D17	63
Database: UST, Date of Government Version: 06/08/2020 Database: ORANGE CO. UST, Date of Government Version: 05/01/2020 Facility Id: FA0059314 Facility Id: FA0059314 Facility Id: 5270				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #978	11025 WARNER AVE # 9	SE 0 - 1/8 (0.036 mi.)	C16	62
Database: UST, Date of Government Version: 06/08/2020 Facility Id: 3367				
DAVID L BAKER MEM GO	***10410 EDINGER AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***K51***	***153***
Database: UST, Date of Government Version: 06/08/2020 Facility Id: 9993				
MILE SQUARE GOLF COU	***10401 WARNER AVE.***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q88***	***249***
Database: UST CLOSURE, Date of Government Version: 05/26/2020 Database: UST, Date of Government Version: 06/08/2020 Facility Id: 8772				
FOUNTAIN VALLEY REGI	***17100 EUCLID ST***	***SE 1/8 - 1/4 (0.246 mi.)***	***T100***	***288***
Database: UST, Date of Government Version: 06/08/2020 Database: ORANGE CO. UST, Date of Government Version: 05/01/2020				

Facility Id: FA0024447
Facility Id: FA24447
Facility Id: FA0024447

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 2 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	10410 EDINGER AVE	NNW 0 - 1/8 (0.080 mi.)	K54	163
Database: AST, Date of Government Version: 07/06/2016				
Not reported	10401 WARNER AVE	SSW 1/8 - 1/4 (0.213 mi.)	Q87	248
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/08/2020 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE CANS COMPANY	5111 W EDINGER AVE	NE 0 - 1/8 (0.120 mi.)	68	208
Cert Id: RC256976.001				

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE CANS COMPANY	16125 1/2 BROOKHURST	WNW 1/4 - 1/2 (0.481 mi.)	122	524
Cert Id: RC263498.001				

Local Lists of Hazardous waste / Contaminated Sites

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 04/20/2020 has revealed that there are 7 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KA MANAGEMENT INC DB	***10975 EDINGER AVE***	***NNE 0 - 1/8 (0.041 mi.)***	***D21***	***68***
CENTURY CLEANERS	***5015 W EDINGER AVE S***	***NE 0 - 1/8 (0.096 mi.)***	***J60***	***171***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALGREENS #12694	***10990 WARNER AVE STE***	***SSE 0 - 1/8 (0.025 mi.)***	***A8***	***23***

Lower Elevation	Address	Direction / Distance	Map ID	Page
STATER BROS. MARKETS	***11085 WARNER AVENUE***	***SE 0 - 1/8 (0.076 mi.)***	***C44***	***140***
DAVID L. BAKER GOLF	***10410 EDINGER AVE.***	***NNW 0 - 1/8 (0.080 mi.)***	***K53***	***156***
MILE SQUARE GOLF COU	***10401 WARNER AVE***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q89***	***257***
FOUNTAIN VALLEY REGI	***17100 EUCLID ST***	***SE 1/8 - 1/4 (0.246 mi.)***	***T101***	***295***

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 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842 Status: A Tank Status: A Comp Number: 3367	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***
DAVID L BAKER MEM GO Status: A Tank Status: A Comp Number: 9993	***10410 EDINGER AVE***	***NNW 0 - 1/8 (0.080 mi.)***	***K51***	***153***
MILE SQUARE GOLF COU Status: A Tank Status: A Comp Number: 8772	***10401 WARNER AVE.***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q88***	***249***
FOUNTAIN VALLEY REGI Status: A Tank Status: A Comp Number: 9697	***17100 EUCLID***	***SE 1/8 - 1/4 (0.246 mi.)***	***T99***	***286***

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 9 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STATION 5612 Facility Id: 00000043751	10975 EDINGER	NNE 0 - 1/8 (0.041 mi.)	D19	66
UNION OIL SERVICE ST Facility Id: 00000055196	10975 EDINGER	NNE 0 - 1/8 (0.041 mi.)	D23	96
FOLLON CHARLIE 3 Facility Id: 00000010606	15972 EUCLID	NNE 0 - 1/8 (0.049 mi.)	D28	105

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***

Lower Elevation	Address	Direction / Distance	Map ID	Page
97842 Facility Id: 00000063041	11025 WARNER AVE	SE 0 - 1/8 (0.036 mi.)	C14	61
FOUNTAIN VALLEY MEDI Facility Id: 00000002397	11160 WARNER AVE STE	SE 1/8 - 1/4 (0.175 mi.)	O76	223
HEALTHCARE REALTY SE	***11160 WARNER AVE***	***SE 1/8 - 1/4 (0.175 mi.)***	***O79***	***231***
MILE SQUARE GOLF COU	***10401 WARNER AVE***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q86***	***246***
MILE SQUARE GOLF COU Facility Id: 00000065656	***10401 WARNER AVE.***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q88***	***249***

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 4 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842 Facility Id: 30000918 Status: A	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***
DAVID L. BAKER GOLF Facility Id: 30013347 Status: A	***10410 EDINGER AVE.***	***NNW 0 - 1/8 (0.080 mi.)***	***K53***	***156***
MILE SQUARE GOLF COU Facility Id: 30001162 Status: A	***10401 WARNER AVE***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q89***	***257***
FOUNTAIN VALLEY REGI Facility Id: 30000581 Status: A	***17100 EUCLID***	***SE 1/8 - 1/4 (0.246 mi.)***	***T99***	***286***

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 04/20/2020 has revealed that there are 4 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KA MANAGEMENT INC DB	***10975 EDINGER AVE***	***NNE 0 - 1/8 (0.041 mi.)***	***D21***	***68***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DAVID L. BAKER GOLF	***10410 EDINGER AVE.***	***NNW 0 - 1/8 (0.080 mi.)***	***K53***	***156***
MILE SQUARE GOLF COU	***10401 WARNER AVE***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q89***	***257***
FOUNTAIN VALLEY REGI	***17100 EUCLID ST***	***SE 1/8 - 1/4 (0.246 mi.)***	***T101***	***295***

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 06/15/2020 has revealed that there are 50 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DMJ OIL/EDINGER ARCO EPA ID:: CAL000411493	10975 EDINGER AVE	NNE 0 - 1/8 (0.041 mi.)	D18	63
RON LAURENCE EPA ID:: CAC002990752	10785 ONYX CT	NNE 0 - 1/8 (0.046 mi.)	E25	98
DAVID LE EPA ID:: CAC003019414	15978 HYDE CT	NNE 0 - 1/8 (0.046 mi.)	F26	101
ALAA IBRAHAM EPA ID:: CAC002985079	15970 HYDE CT.	NNE 0 - 1/8 (0.053 mi.)	F30	109
RYSZARD BORUCKI EPA ID:: CAC003040370	16300 MOUNT BADEN PO	ENE 0 - 1/8 (0.055 mi.)	H31	111
CHUCK CORY EPA ID:: CAC002992862	11044 CORAL ALOE AVE	ENE 0 - 1/8 (0.055 mi.)	H32	113
CHRIS MUSANTE EPA ID:: CAC003018866	10772 COBALT	NNE 0 - 1/8 (0.064 mi.)	E36	123
DAVID DECKER EPA ID:: CAC003011950	10835 POLY CT	NNE 0 - 1/8 (0.080 mi.)	F50	150
ANH DAO TRUONG EPA ID:: CAC003035888	16212 MOUNT CRAIG CI	ENE 0 - 1/8 (0.105 mi.)	65	201
JOSEPH VU EPA ID:: CAC003021029	10934 PEBBLE CT.	NNE 1/8 - 1/4 (0.133 mi.)	70	209
MARCIA BRUNO EPA ID:: CAC002971856	15849 LOS REYES ST	N 1/8 - 1/4 (0.170 mi.)	M74	219
POON, DANIEL EPA ID:: CAC003009180	15839 LOS REYES STRE	N 1/8 - 1/4 (0.186 mi.)	M82	237
VON ROY EPA ID:: CAC002965688	5021 WEST LEHNHARDT	NE 1/8 - 1/4 (0.193 mi.)	83	239
PATRICIA ELDERTON EPA ID:: CAC002999109	11216 CORAL ALOE AVE	ENE 1/8 - 1/4 (0.225 mi.)	R91	267
AUDREY KENDERS EPA ID:: CAC003024610	16205 MOUNT MINBUS S	ENE 1/8 - 1/4 (0.225 mi.)	R92	269

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRIPLET INVESTMENTS, EPA ID:: CAC002973297	10956 WARNER AVENUE	SSE 0 - 1/8 (0.024 mi.)	A2	11
WALGREENS #12694	10990 WARNER AVE STE	SSE 0 - 1/8 (0.025 mi.)	A9	47

EPA ID:: CAL000367457				
UNIFIED MEDICAL CLIN EPA ID:: CAL000445972	10900 WARNER AVE STE	SSE 0 - 1/8 (0.031 mi.)	A11	49
BILL S LIN DDS EPA ID:: CAL000178872	10900 WARNER AVE	SSE 0 - 1/8 (0.031 mi.)	A12	52
MILE SQUARE SURGERY EPA ID:: CAL000440741	10760 WARNER AVE #10	S 0 - 1/8 (0.046 mi.)	B27	103
PARESH VEERA EPA ID:: CAC003059309	11045 SUDITH AVE	SE 0 - 1/8 (0.049 mi.)	G29	106
TRAN TUAN EPA ID:: CAC003012401	15951 WARD STREET	NNW 0 - 1/8 (0.063 mi.)	I33	116
TRAN TUAN EPA ID:: CAC003012281	15951 WARD ST	NNW 0 - 1/8 (0.063 mi.)	I34	118
PATRICIA CLARK EPA ID:: CAC003051564	11058 CAMELLIA AVE	SE 0 - 1/8 (0.064 mi.)	G35	120
BYRON TAYLOR EPA ID:: CAC003054826	11062 SUDITH AVE	SE 0 - 1/8 (0.068 mi.)	G37	125
DA VINCI COSMETIC SU EPA ID:: CAL000421716	11100 WARNER AVE SUI	SSE 0 - 1/8 (0.072 mi.)	C38	127
DANIEL RECALDE DPM I EPA ID:: CAL000429280	11100 WARNER AVE STE	SSE 0 - 1/8 (0.072 mi.)	C39	130
ROBERT A DEVEREAUX M EPA ID:: CAL000106915	11100 WARNER AVE, #1	SSE 0 - 1/8 (0.072 mi.)	C40	132
RICHY AGAJANIAN MD A EPA ID:: CAL000446821	11100 WARNER AVE STE	SSE 0 - 1/8 (0.072 mi.)	C41	134
STATER BROS MARKETS EPA ID:: CAL000340393	11085 WARNER AVE	SE 0 - 1/8 (0.076 mi.)	C43	137
DONALD POE EPA ID:: CAC003048263	10445 MORNING GLORY	NNW 0 - 1/8 (0.080 mi.)	I49	148
DAVID L BAKER MEMORI EPA ID:: CAL000334907	10410 EDINGER AVE	NNW 0 - 1/8 (0.080 mi.)	K52	154
TERRY CHIU EPA ID:: CAC003021852	11081 SUDITH AVE	SE 0 - 1/8 (0.085 mi.)	G55	164
ANN HUNTER EPA ID:: CAC003016794	11107 LAVENDER AVENU	ESE 0 - 1/8 (0.113 mi.)	66	204
VERNA AYER EPA ID:: CAC003058308	17135 REIMER ST	S 0 - 1/8 (0.119 mi.)	L67	206
SUE WE EPA ID:: CAC002976173	17126 SAN RICARDO	S 1/8 - 1/4 (0.136 mi.)	L71	212
DAVID & VICKIE FAIRC EPA ID:: CAC003013101	10390 MARGARITA AVE	NNW 1/8 - 1/4 (0.141 mi.)	72	214
HECHT, MICHAEL G. EPA ID:: CAC002971352	11136 MCGEE RIVER CI	SE 1/8 - 1/4 (0.169 mi.)	73	216
THOMAS STEWART EPA ID:: CAC003036512	10331 MORNING GLORY	NW 1/8 - 1/4 (0.173 mi.)	N75	221
PACIFIC COAST HEM-ON	***11160 WARNER AVE #31***	***SE 1/8 - 1/4 (0.175 mi.)***	***O77***	***224***

EPA ID:: CAD982401226				
DR SANG NOH EPA ID:: CAL000097616	11160 WARNER AVE STE	SE 1/8 - 1/4 (0.175 mi.)	O80	232
RICHARD & SANDRA DAM EPA ID:: CAC003036559	10736 EL TIBURON AVE	S 1/8 - 1/4 (0.178 mi.)	P81	235
SANDRA & BILL TINNEY EPA ID:: CAC002970209	10770 EL GORRA CIRCL	S 1/8 - 1/4 (0.206 mi.)	P85	244
MCKINDLEY, BOB EPA ID:: CAC002978127	15926 LAS FLORES STR	NW 1/8 - 1/4 (0.221 mi.)	N90	265
JEFF CASILLAS EPA ID:: CAC003030649	10833 LA FONDA CIR	SSE 1/8 - 1/4 (0.227 mi.)	93	272
HEALTHCARE REALTY	11180 WARNER AVE	SE 1/8 - 1/4 (0.232 mi.)	S94	274
TERRI JUDSON EPA ID:: CAC002970943	10757 EL RUBI CIRCLE	S 1/8 - 1/4 (0.232 mi.)	95	276
21ST CENTURY ONCOLOG EPA ID:: CAL000433831	11190 WARNER AVE	SE 1/8 - 1/4 (0.241 mi.)	S96	279
FOUNTAIN VALLEY REGI EPA ID:: CAC002968646	17100 EUCLID STREET	SE 1/8 - 1/4 (0.246 mi.)	T97	281
FOUNTAIN VALLEY REGI EPA ID:: CAL000000167	17100 EUCLID ST	SE 1/8 - 1/4 (0.246 mi.)	T98	283

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 06/22/2020 has revealed that there are 16 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5612 Cleanup Status: COMPLETED - CASE CLOSED	***10975 EDINGER***	***NNE 0 - 1/8 (0.041 mi.)***	***D24***	***97***
FOUNTAIN VALLEY FIRE Cleanup Status: COMPLETED - CASE CLOSED	***16767 NEWHOPE***	***ESE 1/4 - 1/2 (0.493 mi.)***	***124***	***525***
ST MICHAEL OIL CO Cleanup Status: COMPLETED - CASE CLOSED	***11470 EDINGER***	***ENE 1/4 - 1/2 (0.495 mi.)***	***AA126***	***536***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842 Cleanup Status: COMPLETED - CASE CLOSED	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***
DAVID L. BAKER GOLF Cleanup Status: COMPLETED - CASE CLOSED	***10410 EDINGER AVE.***	***NNW 0 - 1/8 (0.080 mi.)***	***K53***	***156***
FOUNTAIN VALLEY COMM Cleanup Status: COMPLETED - CASE CLOSED	***11160 WARNER***	***SE 1/8 - 1/4 (0.175 mi.)***	***O78***	***227***
MILE SQUARE GOLF COU Cleanup Status: COMPLETED - CASE CLOSED	***10401 WARNER AVE.***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q88***	***249***
FOUNTAIN VALLEY REGI Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	***17100 EUCLID ST***	***SE 1/8 - 1/4 (0.246 mi.)***	***T100***	***288***
CHEVRON #4360	***10020 WARNER***	***SW 1/4 - 1/2 (0.389 mi.)***	***104***	***438***

Cleanup Status: COMPLETED - CASE CLOSED

SHELL OIL	***16969 BROOKHURST***	***SW 1/4 - 1/2 (0.399 mi.)***	***U107***	***481***
Cleanup Status: COMPLETED - CASE CLOSED				
LUSK INTERIORS	***17371 MT WYNNE***	***SSE 1/4 - 1/2 (0.400 mi.)***	***V109***	***486***
Cleanup Status: COMPLETED - CASE CLOSED				
DIAMOND CAB INC	***17300 MT HERRMANN***	***SE 1/4 - 1/2 (0.410 mi.)***	***W111***	***489***
Cleanup Status: COMPLETED - CASE CLOSED				
MOBIL	***17025 BROOKHURST***	***SW 1/4 - 1/2 (0.429 mi.)***	***X113***	***494***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL SERVICE STATIO	***WARNER AVE***	***SW 1/4 - 1/2 (0.432 mi.)***	***U116***	***502***
Cleanup Status: COMPLETED - CASE CLOSED				
EXXON	***15980 BROOKHURST***	***NW 1/4 - 1/2 (0.470 mi.)***	***Y117***	***504***
Cleanup Status: COMPLETED - CASE CLOSED				
QUALITY GAS	***9880 WARNER***	***SW 1/4 - 1/2 (0.474 mi.)***	***Z119***	***513***
Cleanup Status: COMPLETED - CASE CLOSED				

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 10 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CENTURY CLEANERS	5127 W EDINGER AVE	NE 0 - 1/8 (0.076 mi.)	J45	143
Database: DRYCLEANERS, Date of Government Version: 06/04/2020 EPA Id: CAD981990252				
VALLEY PLAZA CLEANER	5127 W EDINGER AVE	NE 0 - 1/8 (0.076 mi.)	J46	144
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
VALLEY PLAZA CLEANER	5127 W EDINGER	NE 0 - 1/8 (0.076 mi.)	J48	148
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
CENTURY CLEANERS	5015 W EDINGER #C	NE 0 - 1/8 (0.096 mi.)	J56	166
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
VALLEY PLAZA CLEANER	5015 W EDINGER AVE #	NE 0 - 1/8 (0.096 mi.)	J57	166
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
VALLEY PLAZA CLEANER	5015 W EDINGER	NE 0 - 1/8 (0.096 mi.)	J61	196
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
CENTURY CLEANERS	5015 W EDINGER #C	NE 0 - 1/8 (0.096 mi.)	J62	197
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				
VALLEY PLAZA CLEANER	***5127 W EDINGER***	***NE 0 - 1/8 (0.096 mi.)***	***J63***	***197***
Database: DRYCLEANERS, Date of Government Version: 06/04/2020 Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020 EPA Id: CAR000069088				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ENJAY CLEANERS	10974 WARNER AVE	SSE 0 - 1/8 (0.024 mi.)	A4	13
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				

Lower Elevation	Address	Direction / Distance	Map ID	Page
JESSIE'S CLEANERS	10974 WARNER AVE	SSE 0 - 1/8 (0.024 mi.)	A5	14
Database: DRYCLEAN SOUTH COAST, Date of Government Version: 08/19/2020				

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 15 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5612 Reg Id: 083001936T	***10975 EDINGER AVE***	***NNE 0 - 1/8 (0.041 mi.)***	***D20***	***66***
FOUNTAIN VALLEY FIRE Reg Id: 083001953T	***16767 NEWHOPE***	***ESE 1/4 - 1/2 (0.493 mi.)***	***124***	***525***
APRO LLC DBA UNITED Reg Id: 083001179T	***11470 EDINGER AVE***	***ENE 1/4 - 1/2 (0.495 mi.)***	***AA125***	***531***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #7842 Reg Id: 083001213T	***11025 WARNER***	***SE 0 - 1/8 (0.036 mi.)***	***C13***	***54***
FOUNTAIN VALLEY COMM Reg Id: 083000731T	***11160 WARNER***	***SE 1/8 - 1/4 (0.175 mi.)***	***O78***	***227***
MILE SQUARE GOLF COU Reg Id: 083001856T	***10401 WARNER AVE***	***SSW 1/8 - 1/4 (0.213 mi.)***	***Q89***	***257***
FOUNTAIN VALLEY REGI Reg Id: 083000118T	***17100 EUCLID***	***SE 1/8 - 1/4 (0.246 mi.)***	***T99***	***286***
CHEVRON #4360 Reg Id: 083001976T	***10020 WARNER***	***SW 1/4 - 1/2 (0.389 mi.)***	***104***	***438***
SHELL OIL Reg Id: 083003129T	***16969 BROOKHURST***	***SW 1/4 - 1/2 (0.399 mi.)***	***U107***	***481***
LUSK INTERIORS Reg Id: 083000989T	***17371 MT WYNNE***	***SSE 1/4 - 1/2 (0.400 mi.)***	***V108***	***484***
ORANGE COAST YELLOW Reg Id: 083001535T	17300 MT HERMAN	SE 1/4 - 1/2 (0.410 mi.)	W112	493
MOBIL (18-KAV) Reg Id: 083001084T	***17025 BROOKHURST ST***	***SW 1/4 - 1/2 (0.429 mi.)***	***X115***	***496***
SHELL SERVICE STATIO Reg Id: 083000916T Reg Id: 083000958T	***WARNER AVE***	***SW 1/4 - 1/2 (0.432 mi.)***	***U116***	***502***
EXXON #7-3561 Reg Id: 083001751T	***15980 BROOKHURST AVE***	***NW 1/4 - 1/2 (0.470 mi.)***	***Y118***	***511***
BECKER TIRE LLC Reg Id: 083000316T	***9880 WARNER AVE UNIT***	***SW 1/4 - 1/2 (0.474 mi.)***	***Z121***	***518***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOUNTAIN VALLEY ENTE	10975 EDINGER AVE	NNE 0 - 1/8 (0.041 mi.)	D22	95

Lower Elevation	Address	Direction / Distance	Map ID	Page
VALLEY SERVICE CENTE	11025 WARNER AVE	SE 0 - 1/8 (0.036 mi.)	C15	62
HEHN MICHAEL CHEVRON	16677 MOUNT CACHUMA	ESE 0 - 1/8 (0.122 mi.)	69	209

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 6 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VALLEY PLAZA CLEANER	5015 W EDINGER AVE	NE 0 - 1/8 (0.096 mi.)	J58	167
ANNEX CLEANERS	16338 MOUNT DANA CIR	ENE 0 - 1/8 (0.102 mi.)	64	201

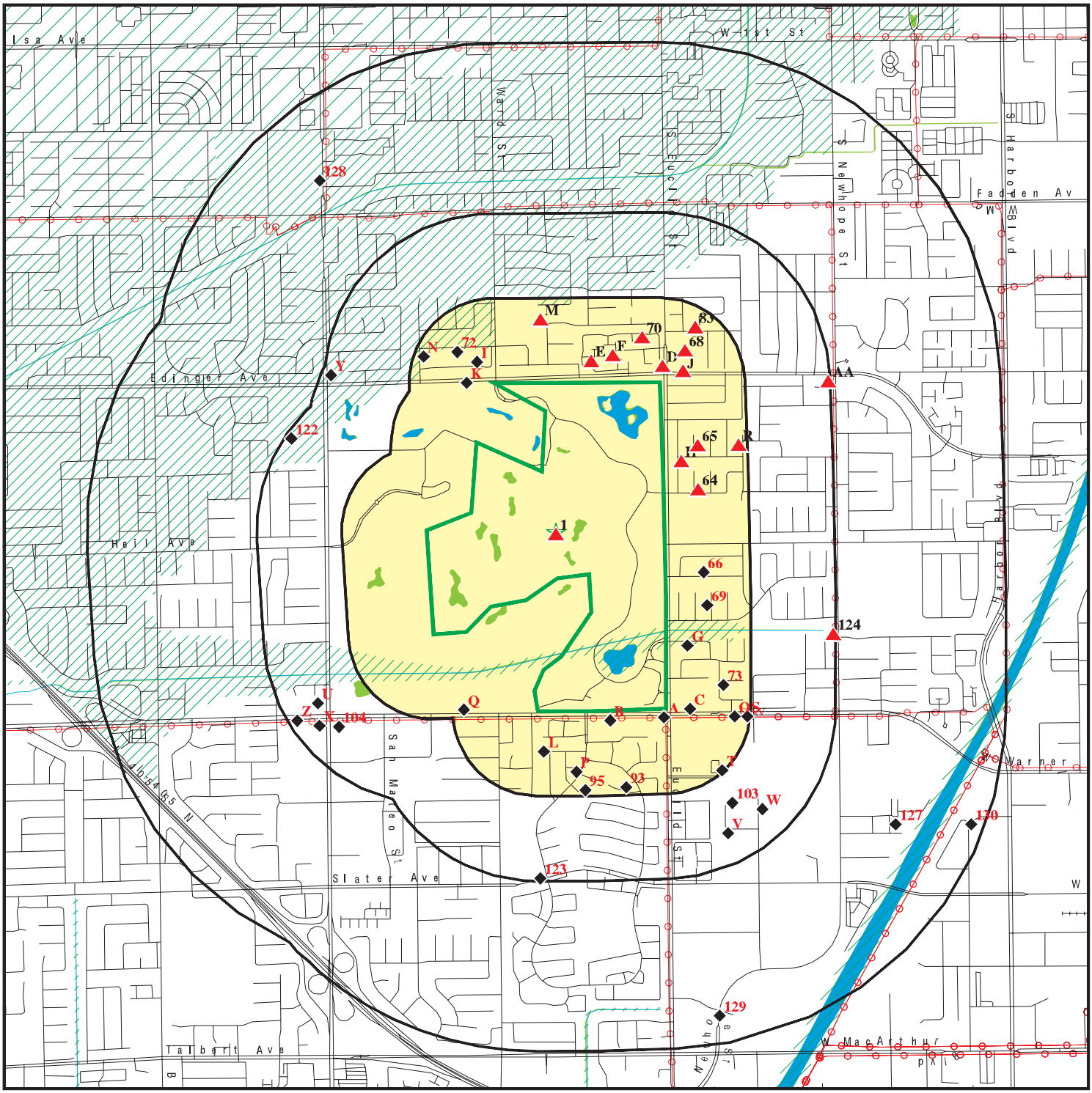
Lower Elevation	Address	Direction / Distance	Map ID	Page
CARNATION CLEANERS	10958 WARNER AVE	SSE 0 - 1/8 (0.024 mi.)	A3	13
JESSIES CLEANERS	10974 WARNER AVE	SSE 0 - 1/8 (0.024 mi.)	A6	14
CARNATION CLEANERS	10810 WARNER AVE 6	SSE 0 - 1/8 (0.029 mi.)	B10	49
CLEANER & LAUNDRY IN	11073 WARNER AVE	SE 0 - 1/8 (0.072 mi.)	C42	137

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

Site Name	Database(s)
MILE SQUARE PARK DENTAL CENTER	HWTS
RUDY'S AUTO REPAIR	LUST, HIST CORTESE
NATIONAL GUARD	LUST, HIST CORTESE
FAMILY CLEANERS	DRYCLEANERS
FAMILY CLEANERS	DRYCLEANERS
SHELL #510 FORMER	LUST
BRISTOL PLAZA CALIF CLEANERS	CPS-SLIC

OVERVIEW MAP - 6212898.2S



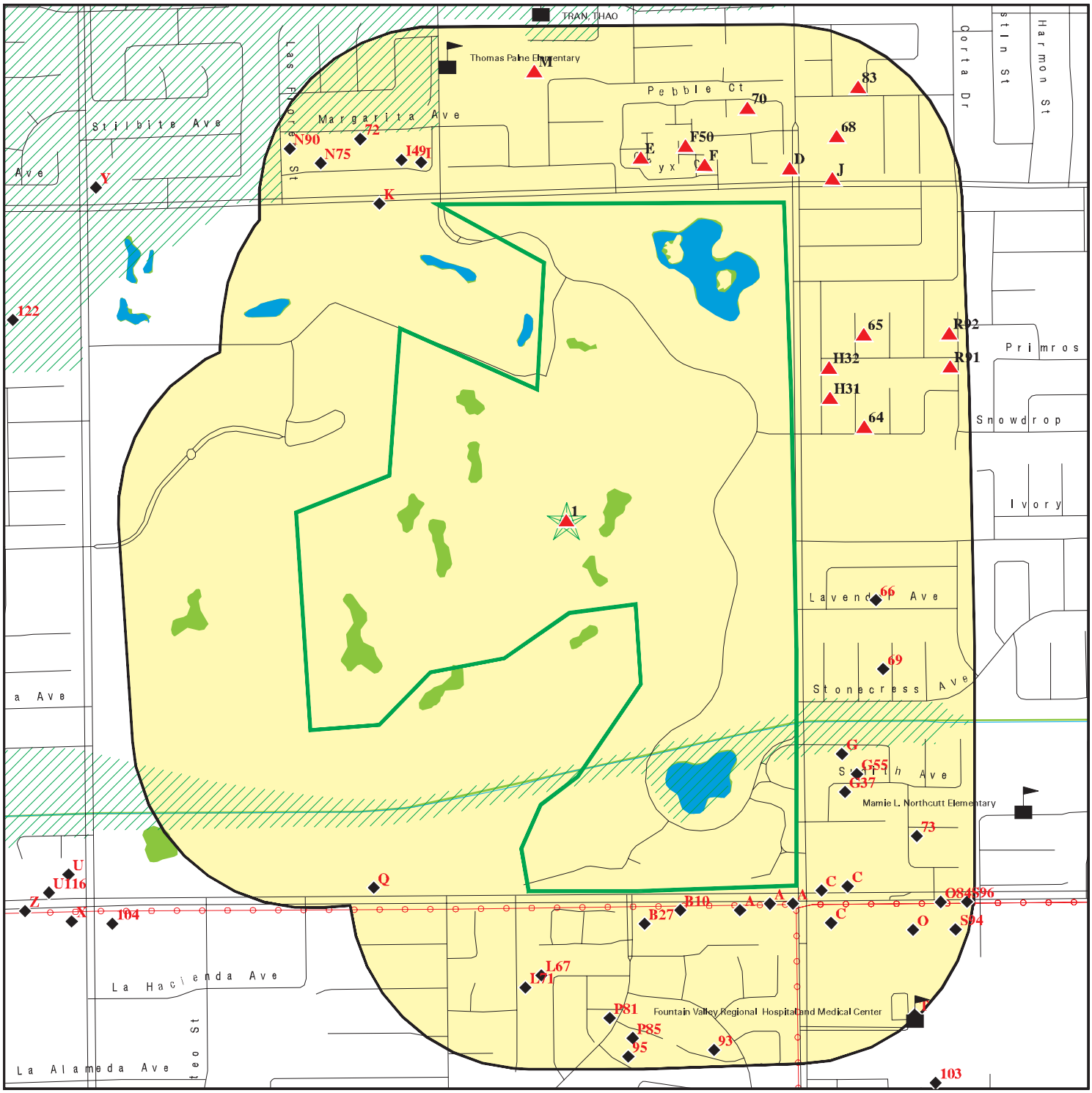
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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:	Mile Square Regional Park Master Plan	CLIENT:	ICF International
ADDRESS:	16801 Euclid Street Fountain Valley CA 92708	CONTACT:	Mario Barrera
LAT/LONG:	33.724065 / 117.942867	INQUIRY #:	6212898.2s
		DATE:	October 02, 2020 9:14 am

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DETAIL MAP - 6212898.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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:	Mile Square Regional Park Master Plan	CLIENT:	ICF International
ADDRESS:	16801 Euclid Street Fountain Valley CA 92708	CONTACT:	Mario Barrera
LAT/LONG:	33.724065 / 117.942867	INQUIRY #:	6212898.2s
		DATE:	October 02, 2020 9:15 am

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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								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		3	1	NR	NR	NR	4
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
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	3	4	NR	7
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
LUST	0.500		4	5	16	NR	NR	25

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
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	2	NR	NR	NR	5
AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
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
State and tribal Brownfields 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		1	0	1	NR	NR	2
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
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		5	2	NR	NR	NR	7
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	2	NR	NR	NR	4
HIST UST	0.250		5	4	NR	NR	NR	9
CA FID UST	0.250		2	2	NR	NR	NR	4
CERS TANKS	0.250		2	2	NR	NR	NR	4
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
Orange Co. Industrial Site	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		29	21	NR	NR	NR	50
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		3	3	10	NR	NR	16

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
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		10	0	NR	NR	NR	10
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
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		2	3	10	NR	NR	15
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	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	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		6	NR	NR	NR	NR	6
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 --		1	82	48	41	4	0	176

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **COUNTY OF ORANGE** **CERS** **S123517289**
Target **16801 EUCLID ST** **N/A**
Property **FOUNTAIN VALLEY, CA 92708**

Actual:
47 ft.

CERS:

Name:	COUNTY OF ORANGE
Address:	16801 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	411064
CERS ID:	10574083
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No Violations
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	411064
Facility Name:	COUNTY OF ORANGE
Env Int Type Code:	HMBP
Program ID:	10574083
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.720210
Longitude:	-117.937280

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Robin Lamont
Entity Title:	Not reported
Affiliation Address:	13042 Old Myford Road
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92602
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	County of Orange
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Rod Hawkins
Entity Title:	MCSIII
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

COUNTY OF ORANGE (Continued) **S123517289**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	County of Orange
Entity Title:	Not reported
Affiliation Address:	300 N. Flower
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92703
Affiliation Phone:	(714) 973-3195
Affiliation Type Desc:	Operator
Entity Name:	County of Orange/Mile Square Regional Park
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:	(714) 973-6600
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Document Preparer
Entity Name:	Rod Hawkins
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	300 N. Flower
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92703
Affiliation Phone:	Not reported

A2 **TRIPLET INVESTMENTS, LLC** **RCRA NonGen / NLR** **1024753484**
SSE **10956 WARNER AVENUE** **CAC002973297**
< 1/8 **FOUNTAIN VALLEY, CA 90708**
0.024 mi.
126 ft. **Site 1 of 10 in cluster A**

Relative: **Lower**

Actual: **38 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-07-30 00:00:00.0
Handler Name:	TRIPLET INVESTMENTS, LLC
Handler Address:	10956 WARNER AVENUE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 90708
EPA ID:	CAC002973297
Contact Name:	HOLLAND, ART
Contact Address:	10956 WARNER AVENUE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 90708
Contact Telephone:	714-751-2878
Contact Fax:	Not reported
Contact Email:	ANDREWC@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:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10956 WARNER AVENUE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 90708
Owner Name:	HOLLAND, ART
Owner Type:	Other
Operator Name:	HOLLAND, ART
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TRIPLET INVESTMENTS, LLC (Continued) **1024753484**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:13:33.0
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:	HOLLAND, ART
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10956 WARNER AVENUE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 90708
Owner/Operator Telephone:	714-751-2878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HOLLAND, ART
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10956 WARNER AVENUE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 90708
Owner/Operator Telephone:	714-751-2878
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRIPLET INVESTMENTS, LLC (Continued) **1024753484**

Historic Generators:

Receive Date:	2018-07-30 00:00:00.0
Handler Name:	TRIPLET INVESTMENTS, 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

A3 **CARNATION CLEANERS** **EDR Hist Cleaner** **1018555082**
SSE **10958 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VLY, CA 92708**
0.024 mi.
127 ft. **Site 2 of 10 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual:
39 ft.

Year:	Name:	Type:
1978	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1979	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1980	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents

---

A4 **ENJAY CLEANERS** **DRYCLEANERS** **S121694606**
SSE **10974 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.024 mi.
129 ft. **Site 3 of 10 in cluster A**

Relative: DRYCLEAN SOUTH COAST:
Lower

Actual:
39 ft.

Name:	ENJAY CLEANERS
Address:	10974 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	123735
Application Number:	370817
Permit Number:	Not reported
Status:	O
Representative Name:	RIPAL PATEL
Representative Telephone:	714 9688813
Permit Status:	Not reported
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	413.09298706
UTM North:	3730.8989258

Name:	ENJAY CLEANERS
Address:	10974 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

ENJAY CLEANERS (Continued) **S121694606**

Facility ID:	123735
Application Number:	407190
Permit Number:	Not reported
Status:	O
Representative Name:	RIPAL PATEL
Representative Telephone:	714 9688813
Permit Status:	Not reported
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	413.09298706
UTM North:	3730.8989258

A5 **JESSIE'S CLEANERS** **DRYCLEANERS** **S121699986**
SSE **10974 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.024 mi.
129 ft. **Site 4 of 10 in cluster A**

Relative: DRYCLEAN SOUTH COAST:
Lower

Name:	JESSIE'S CLEANERS
Address:	10974 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	86038
Application Number:	249573
Permit Number:	D39475
Status:	O
Representative Name:	HOANG DO
Representative Telephone:	714 9686415
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	04
CCAT Description:	VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East:	413.09298706
UTM North:	3730.8989258

Actual:
39 ft.

A6 **JESSIES CLEANERS** **EDR Hist Cleaner** **1020013488**
SSE **10974 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.024 mi.
129 ft. **Site 5 of 10 in cluster A**

Relative: EDR Hist Cleaner
Lower

Actual:
39 ft.

Year:	Name:	Type:
1994	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
1995	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
1996	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
1997	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
1998	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
1999	JESSIES CLEANERS	Drycleaning Plants, Except Rugs
2000	ENJAY CLEANERS	Drycleaning Plants, Except Rugs
2001	ENJAY CLEANERS	Drycleaning Plants, Except Rugs
2002	ENJAY CLEANERS	Drycleaning Plants, Except Rugs

JESSIES CLEANERS (Continued) **1020013488**

2003	ENJAY CLEANERS	Drycleaning Plants, Except Rugs
2004	ENJAY CLEANERS	Drycleaning Plants, Except Rugs

A7 **JESSIE CLEANERS** **RCRA-SQG** **1000818201**
SSE **10974 WARNER AVE** **FINDS** **CAD983620154**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **ECHO**
0.024 mi. **HAZNET**
129 ft. **Site 6 of 10 in cluster A** **HWTS**

Relative: **Lower**
Actual: **39 ft.**

RCRA Listings:

Date Form Received by Agency:	1992-02-26 00:00:00.0
Handler Name:	JESSIE CLEANERS
Handler Address:	10974 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAD983620154
Contact Name:	HOANG DO
Contact Address:	10974 WARNER AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-968-8813
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:	WARNER AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	HOANG DO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

JESSIE CLEANERS (Continued) **1000818201**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:40.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOANG DO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10974 WARNER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-968-8813
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-02-26 00:00:00.0
Handler Name:	JESSIE CLEANERS
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

JESSIE CLEANERS (Continued) **1000818201**

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

FINDS:
Registry ID: 110002869888

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000818201
Registry ID:	110002869888
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002869888
Name:	JESSIE CLEANERS
Address:	10974 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

HAZNET:

Name:	JESSIE CLEANERS
Address:	10974 WARNER AVE
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927080000
Contact:	HOANG KIEN DO, OWNER
Telephone:	7149688813
Mailing Name:	Not reported
Mailing Address:	10974 WARNER AVE
Year:	2000
Gepaid:	CAD983620154
TSD EPA ID:	CAT000613976
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.208
Year:	1998
Gepaid:	CAD983620154
TSD EPA ID:	CAD981375983
CA Waste Code:	751 - Solids or sludges with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	R01 - Recycler
Tons:	0.1042

JESSIE CLEANERS (Continued) **1000818201**

Year:	1996
Gepaid:	CAD983620154
TSD EPA ID:	CAD981397417
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01 - Recycler
Tons:	0.244

Year:	1995
Gepaid:	CAD983620154
TSD EPA ID:	CAD981397417
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	R01 - Recycler
Tons:	0.4838

Additional Info:

Year:	1996
Gen EPA ID:	CAD983620154
Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960529
Manifest ID:	96062048
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960528
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960529
Manifest ID:	96062048
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

JESSIE CLEANERS (Continued) **1000818201**

TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD983620154
Shipment Date:	20000501
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000502
Manifest ID:	99339209
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.208
Waste Quantity:	416
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD983620154
Shipment Date:	19981111
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981120
Manifest ID:	98059574
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980585780
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported

JESSIE CLEANERS (Continued) **1000818201**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980422
Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980513
Manifest ID:	96881274
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980585780
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
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

Additional Info:

Year:	1995
Gen EPA ID:	CAD983620154
Shipment Date:	19951222
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95897241
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

JESSIE CLEANERS (Continued) **1000818201**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19951222
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19951226
Manifest ID:	95897241
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0333
Waste Quantity:	8
Quantity Unit:	G
Additional Code 1:	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:	19950426
Manifest ID:	95621037
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

JESSIE CLEANERS (Continued) **1000818201**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950425
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950426
Manifest ID:	95621037
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0291
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	JESSIE CLEANERS
Address:	10974 WARNER AVE
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927080000
EPA ID:	CAD983620154
Inactive Date:	06/30/2000
Create Date:	02/26/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	10974 WARNER AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 927083853
Owner Name:	HOANG KIEN DO
Owner Address:	10974 WARNER AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	FOUNTAIN VALLEY, CA 927083853
Contact Name:	HOANG KIEN DO, OWNER
Contact Address:	INACT 00VQ FINAL NOTICE - BATCH
Contact Address 2:	4/10/01
City,State,Zip:	FOUNTAIN VALLEY, CA 927083853

A8 **WALGREENS #12694** **CERS HAZ WASTE** **S113800045**
SSE **10990 WARNER AVE STE A** **HAZNET** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **HWTS**
0.025 mi.
131 ft. **Site 7 of 10 in cluster A**

Relative:
Lower

Actual:
39 ft.

CERS HAZ WASTE:

Name:	WALGREENS #12694
Address:	10990 WARNER AVE STE A
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	169877
CERS ID:	10502668
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-17-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Emergency plan is posted at phone stations. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENTS On site for routine hazardous waste inspection. Consent to enter and inspect was given by Darshana Patel. Observed the facility and inspected hazardous waste storage. The containers are stored closed and properly labeled. No evidence of hazardous waste spillage or runoff was observed. Manifests and emergency plan are available for review.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-26-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review: Facility filed as HazWaste Generator only
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	Verisk 3E, Regulatory/Walgreen Co, 3207 Grey Hawk Court, Suite 200
Affiliation City:	Carlsbad
Affiliation State:	CA

WALGREENS #12694 (Continued) **S113800045**

Affiliation Country:	Not reported
Affiliation Zip:	92010
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Tristan Guison, on behalf of Walgreen Co.
Entity Title:	Regulatory Compliance Specialist, Verisk 3E
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Walgreens
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Document Preparer
Entity Name:	Tristan Guison, On behalf of Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Walgreen Co.
Entity Title:	Not reported
Affiliation Address:	200 Wilmot Road
Affiliation City:	Deerfield
Affiliation State:	IL
Affiliation Country:	United States
Affiliation Zip:	60015
Affiliation Phone:	(847) 914-2264
Affiliation Type Desc:	Environmental Contact
Entity Name:	Verisk 3E, Regulatory Department/Walgreen Co.
Entity Title:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Affiliation Address:	3207 Grey Hawk Ct., Suite 200
Affiliation City:	Carlsbad
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92010
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Walgreen Co.
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:	(847) 914-2264

HAZNET:

Name:	WALGREENS #12694
Address:	10990 WARNER AVE STE A
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 920100000
Contact:	KARINA ROMERO
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT. SUITE 200
Year:	2019
Gepaid:	CAL000367457
TSD EPA ID:	AZR000515924
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:	0.00450
Year:	2019
Gepaid:	CAL000367457
TSD EPA ID:	INR000110197
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00200
Year:	2019
Gepaid:	CAL000367457
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05750
Year:	2018
Gepaid:	CAL000367457
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

WALGREENS #12694 (Continued) **S113800045**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00800
Year:	2018
Gepaid:	CAL000367457
TSD EPA ID:	INR000110197
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00050
Year:	2018
Gepaid:	CAL000367457
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01000
Year:	2018
Gepaid:	CAL000367457
TSD EPA ID:	AZR000515924
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:	0.00150
Year:	2017
Gepaid:	CAL000367457
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0215
Year:	2016
Gepaid:	CAL000367457
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0135
Year:	2016
Gepaid:	CAL000367457
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.001

Click this hyperlink while viewing on your computer to access
16 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2014

WALGREENS #12694 (Continued) **S113800045**

Gen EPA ID:	CAL000367457
Shipment Date:	20140904
Creation Date:	2/6/2015 22:15:12
Receipt Date:	20140922
Manifest ID:	007257150FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140904
Creation Date:	2/5/2015 22:15:09
Receipt Date:	20140910
Manifest ID:	007257151FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	21ST EMN LLC
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140904
Creation Date:	2/5/2015 22:15:09
Receipt Date:	20140910
Manifest ID:	007257151FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

WALGREENS #12694 (Continued) **S113800045**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	21ST EMN LLC
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140904
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007257151FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	21ST EMN LLC
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
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:	20140904
Creation Date:	2/5/2015 22:15:09
Receipt Date:	20140910
Manifest ID:	007257151FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	21ST EMN LLC
Waste Code Description:	181 - Other inorganic solid waste Organics

WALGREENS #12694 (Continued) **S113800045**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140904
Creation Date:	2/11/2015 22:15:01
Receipt Date:	20140910
Manifest ID:	007257152FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140904
Creation Date:	2/5/2015 22:15:09
Receipt Date:	20140910
Manifest ID:	007257151FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	21ST EMN LLC
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000367457
Shipment Date:	20131108
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0165
Waste Quantity:	33
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131127
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791

WALGREENS #12694 (Continued) **S113800045**

Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131127
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131127
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075

WALGREENS #12694 (Continued) **S113800045**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131127
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268304FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0495
Waste Quantity:	99
Quantity Unit:	P
Additional Code 1:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000367457
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924

WALGREENS #12694 (Continued) **S113800045**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
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:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000367457
Shipment Date:	20121106
Creation Date:	4/4/2013 22:15:21
Receipt Date:	20121126
Manifest ID:	005865637FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121106
Creation Date:	4/4/2013 22:15:21
Receipt Date:	20121126
Manifest ID:	005865637FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

WALGREENS #12694 (Continued) **S113800045**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121011
Creation Date:	11/28/2012 22:15:41
Receipt Date:	20121011
Manifest ID:	008378256JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN 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:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000367457
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1

WALGREENS #12694 (Continued) **S113800045**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150903
Creation Date:	2/9/2016 22:15:11
Receipt Date:	20150925
Manifest ID:	007428601FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD008364432
Trans 2 Name:	RHO CHEM LLC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880

WALGREENS #12694 (Continued) **S113800045**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
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:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150903
Creation Date:	11/4/2015 22:15:29
Receipt Date:	20150911
Manifest ID:	007428602FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000367457

Shipment Date:	20170821
Creation Date:	7/5/2018 18:31:14
Receipt Date:	20170829
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

WALGREENS #12694 (Continued) **S113800045**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170821
Creation Date:	7/5/2018 18:31:14
Receipt Date:	20170829
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170821
Creation Date:	7/5/2018 18:31:14
Receipt Date:	20170829
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005

WALGREENS #12694 (Continued) **S113800045**

Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170821
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170821
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WALGREENS #12694 (Continued) **S113800045**

Shipment Date:	20170821
Creation Date:	7/5/2018 18:31:14
Receipt Date:	20170829
Manifest ID:	009169070FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170216
Creation Date:	4/10/2017 18:30:14
Receipt Date:	20170221
Manifest ID:	009390373FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170216
Creation Date:	4/10/2017 18:30:14
Receipt Date:	20170221
Manifest ID:	009390373FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880

WALGREENS #12694 (Continued) **S113800045**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170216
Creation Date:	4/10/2017 18:30:14
Receipt Date:	20170221
Manifest ID:	009390373FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170216
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009390373FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

WALGREENS #12694 (Continued) **S113800045**

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

HWTS:

Name:	WALGREENS #12694
Address:	10990 WARNER AVE STE A
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927083849
EPA ID:	CAL000367457
Inactive Date:	Not reported
Create Date:	09/14/2011
Last Act Date:	08/16/2019
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT., SUITE 200
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CARLSBAD, CA 920100000
Owner Name:	WALGREEN CO.
Owner Address:	200 WILMOT RD.
Owner Address 2:	Not reported
Owner City,State,Zip:	DEERFIELD, IL 600150000
Contact Name:	KARINA ROMERO
Contact Address:	3207 GREY HAWK CT., SUITE 200
Contact Address 2:	Not reported
City,State,Zip:	CARLSBAD, CA 92010

NAICS:

EPA ID:	CAL000367457
Create Date:	2011-09-14 15:25:45
NAICS Code:	44611
NAICS Description:	Pharmacies and Drug Stores
Issued EPA ID Date:	2011-09-14 15:25:45
Inactive Date:	Not reported
Facility Name:	WALGREENS #12694
Facility Address:	10990 WARNER AVE STE A
Facility Address 2:	Not reported
Facility City:	FOUNTAIN VALLEY
Facility County:	30
Facility State:	CA
Facility Zip:	927083849

A9 **WALGREENS #12694** **RCRA NonGen / NLR** **1024831215**
SSE **10990 WARNER AVE STE A** **CAL000367457**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.025 mi.
131 ft. **Site 8 of 10 in cluster A**

Relative: **Lower**
Actual: **39 ft.**

RCRA Listings:

Date Form Received by Agency:	2011-09-14 00:00:00.0
Handler Name:	WALGREENS #12694
Handler Address:	10990 WARNER AVE STE A
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3849
EPA ID:	CAL000367457
Contact Name:	KARINA ROMERO
Contact Address:	3207 GREY HAWK CT., SUITE 200
Contact City,State,Zip:	CARLSBAD, CA 92010
Contact Telephone:	760-602-8700
Contact Fax:	760-918-4025
Contact Email:	REGULATORY@3ECOMPANY.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:	3207 GREY HAWK CT., SUITE 200
Mailing City,State,Zip:	CARLSBAD, CA 92010-0000
Owner Name:	WALGREEN CO.
Owner Type:	Other
Operator Name:	KARINA ROMERO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

WALGREENS #12694 (Continued) **1024831215**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 16:59:36.0
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:	WALGREEN CO.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 WILMOT RD.
Owner/Operator City,State,Zip:	DEERFIELD, IL 60015-0000
Owner/Operator Telephone:	847-914-2264
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KARINA ROMERO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3207 GREY HAWK CT., SUITE 200
Owner/Operator City,State,Zip:	CARLSBAD, CA 92010
Owner/Operator Telephone:	760-602-8700
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WALGREENS #12694 (Continued) **1024831215**

Historic Generators:

Receive Date:	2011-09-14 00:00:00.0
Handler Name:	WALGREENS #12694
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

B10 **CARNATION CLEANERS** **EDR Hist Cleaner** **1018448306**
SSE **10810 WARNER AVE 6** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.029 mi.
152 ft. **Site 1 of 2 in cluster B**

Relative: EDR Hist Cleaner
Lower

Actual:
37 ft.

Year:	Name:	Type:
1982	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1983	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1985	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1986	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1987	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1988	CARNATION CLEANERS	Garment Pressing And Cleaners' Agents
1989	CARNATION CLEANERS	Laundry And Drycleaner Agents
2000	UNIQUE CLEANERS	Garment Pressing And Cleaners' Agents
2001	UNIQUE CLEANERS	Garment Pressing And Cleaners' Agents

A11 **UNIFIED MEDICAL CLINIC** **RCRA NonGen / NLR** **1025872848**
SSE **10900 WARNER AVE STE 101 B** **CAL000445972**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.031 mi.
166 ft. **Site 9 of 10 in cluster A**

Relative: RCRA Listings:
Lower

Actual:
38 ft.

Date Form Received by Agency:	2019-05-15 00:00:00.0
Handler Name:	UNIFIED MEDICAL CLINIC
Handler Address:	10900 WARNER AVE STE 101 B
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000445972
Contact Name:	MICHAEL TROUNG
Contact Address:	10900 WARNER AVE STE 101 B
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-263-0557
Contact Fax:	213-986-9953
Contact Email:	INFO@UMCCALIFORNIA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

UNIFIED MEDICAL CLINIC (Continued) **1025872848**

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:	10900 WARNER AVE STE 101 B
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	UNIFIED MEDICAL CLINIC
Owner Type:	Other
Operator Name:	MICHAEL TROUNG
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 Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

UNIFIED MEDICAL CLINIC (Continued) **1025872848**

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:	2019-06-28 17:27:11.0
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:	MICHAEL TROUNG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10900 WARNER AVE STE 101 B
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-263-0557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNIFIED MEDICAL CLINIC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10900 WARNER AVE STE 101 B
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-263-0557
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-05-15 00:00:00.0
Handler Name:	UNIFIED MEDICAL CLINIC
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

A12 **BILL S LIN DDS** **RCRA NonGen / NLR** **1024796730**
SSE **10900 WARNER AVE** **CAL000178872**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.031 mi.
166 ft. **Site 10 of 10 in cluster A**

Relative: **Lower**
Actual: **38 ft.**

RCRA Listings:

Date Form Received by Agency:	1997-01-23 00:00:00.0
Handler Name:	BILL S LIN DDS
Handler Address:	10900 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
EPA ID:	CAL000178872
Contact Name:	BILL S. LIN, D.D.S.
Contact Address:	10900 WARNER AVE STE 112
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-968-0861
Contact Fax:	714-965-3696
Contact Email:	BILLSLINDDS@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10900 WARNER AVE STE 112
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
Owner Name:	BILL S. LIN, D.D.S.
Owner Type:	Other
Operator Name:	BILL S. LIN, D.D.S.
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

BILL S LIN DDS (Continued) **1024796730**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:01.0
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 S. LIN, D.D.S.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10900 WARNER AVE STE 112
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-968-0861
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	BILL S. LIN, D.D.S.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10900 WARNER AVE STE 112
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
Owner/Operator Telephone:	714-968-0861
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BILL S LIN DDS (Continued) **1024796730**

Historic Generators:

Receive Date:	1997-01-23 00:00:00.0
Handler Name:	BILL S LIN DDS
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

C13 **CHEVRON #7842** **LUST** **S101631322**
SE **11025 WARNER** **SWEEPS UST** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **HIST UST**
0.036 mi. **CA FID UST**
190 ft. **Site 1 of 11 in cluster C** **Cortese**
HIST CORTESE
Relative: **CERS**
Lower

Actual: **40 ft.**

LUST:

Name:	CHEVRON #7842
Address:	11025 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900949
Global Id:	T0605900949
Latitude:	33.7165039
Longitude:	-117.9363265
Status:	Completed - Case Closed
Status Date:	03/03/2005
Case Worker:	TE
RB Case Number:	083001213T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	89UT067
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605900949
Contact Type:	Regional Board Caseworker
Contact Name:	MIGUEL OVIEDO
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 Main Street, Suite 500
City:	RIVERSIDE
Email:	miguel.oviedo@waterboards.ca.gov
Phone Number:	9517823238

Global Id:	T0605900949
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO

CHEVRON #7842 (Continued) **S101631322**

Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605900949
Action Type: Other
Date: 04/07/1989
Action: Leak Discovery

Global Id: T0605900949
Action Type: ENFORCEMENT
Date: 03/03/2005
Action: Closure/No Further Action Letter

Global Id: T0605900949
Action Type: ENFORCEMENT
Date: 04/25/1989
Action: Notice of Responsibility

Global Id: T0605900949
Action Type: REMEDIATION
Date: 04/01/1994
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900949
Action Type: REMEDIATION
Date: 09/03/2002
Action: Excavation

Global Id: T0605900949
Action Type: Other
Date: 04/06/1989
Action: Leak Reported

LUST:
Global Id: T0605900949
Status: Open - Case Begin Date
Status Date: 04/06/1989

Global Id: T0605900949
Status: Open - Remediation
Status Date: 06/29/1994

Global Id: T0605900949
Status: Open - Remediation
Status Date: 08/01/1995

Global Id: T0605900949
Status: Open - Remediation
Status Date: 09/03/2002

Global Id: T0605900949
Status: Open - Verification Monitoring

CHEVRON #7842 (Continued) **S101631322**

Status Date: 08/17/2003

Global Id: T0605900949
Status: Completed - Case Closed
Status Date: 03/03/2005

LUST REG 8:

Name:	CHEVRON #7842
Address:	11025 WARNER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Post remedial action monitoring
Case Number:	083001213T
Local Case Num:	89UT067
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900949
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/7/1989
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	9/3/2002
Date Post Remedial Action Monitoring:	8/17/2003
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7165039
Longitude:	-117.9363265
MTBE Date:	1/7/2002
Max MTBE GW:	10500
MTBE Concentration:	0
Max MTBE Soil:	8840
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*

CHEVRON #7842 (Continued) **S101631322**

Staff:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	CHEVRON #7842
Address:	11025 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	89UT067
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	03/03/2005
Record ID:	RO0002497

SWEEPS UST:

Name:	CHEVRON STATION #97842
Address:	11025 WARNER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	3367
Number:	9
Board Of Equalization:	44-016035
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003367-000003
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	CHEVRON STATION #97842
Address:	11025 WARNER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	3367
Number:	9
Board Of Equalization:	44-016035
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003367-000004
Tank Status:	A
Capacity:	3000

CHEVRON #7842 (Continued) **S101631322**

Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CHEVRON STATION #97842
Address: 11025 WARNER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3367
Number: 9
Board Of Equalization: 44-016035
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003367-000005
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CHEVRON STATION #97842
Address: 11025 WARNER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3367
Number: 9
Board Of Equalization: 44-016035
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003367-000009
Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

Name: CHEVRON STATION #97842
Address: 11025 WARNER AVE
City: FOUNTAIN VALLEY
Status: Not reported
Comp Number: 3367
Number: Not reported
Board Of Equalization: 44-016035
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

CHEVRON #7842 (Continued) **S101631322**

SWRCB Tank Id: 30-000-003367-000001
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: 97862
Address: 11025 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
File Number: 0002E72D
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E72D.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 30000918
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148395620
Mail To: Not reported
Mailing Address: P O BOX 2833 1300 S
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHEVRON #7842 (Continued) **S101631322**

CORTESE:

Name:	CHEVRON #7842
Address:	11025 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900949
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:	CHEVRON #9-7842
edr_fadd1:	11025
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001213T

CERS:

Name:	CHEVRON #7842
Address:	11025 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	258020
CERS ID:	T0605900949
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 Main Street, Suite 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517823238
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP

CHEVRON #7842 (Continued) **S101631322**

Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

C14 **97842** **HIST UST** **U001578352**
SE **11025 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.036 mi.
190 ft. **Site 2 of 11 in cluster C**

Relative: **Lower**

Actual: **40 ft.**

HIST UST:

Name:	97842
Address:	11025 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000063041
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	COURREGES,RONALD L.
Telephone:	7148395620
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1966
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000170
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1966
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1966
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

97842 (Continued) **U001578352**

Tank Num:	004
Container Num:	4
Year Installed:	1966
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	0000100
Leak Detection:	Stock Inventor

C15 **VALLEY SERVICE CENTER** **EDR Hist Auto** **1020246644**
SE **11025 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.036 mi.
190 ft. **Site 3 of 11 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **40 ft.**

Year:	Name:	Type:
1974	NALLEY SERVICE CENTER	General Automotive Repair Shops
1975	NALLEY SERVICE CENTER	General Automotive Repair Shops
1976	NALLEY SERVICE CENTER	General Automotive Repair Shops
1977	NALLEY SERVICE CENTER	General Automotive Repair Shops
1978	NALLEY SERVICE CENTER	General Automotive Repair Shops
1979	NALLEY SERVICE CENTER	General Automotive Repair Shops
1980	NALLEY SERVICE CENTER	General Automotive Repair Shops
1982	NALLEY SERVICE CENTER	General Automotive Repair Shops
1983	NALLEY SERVICE CENTER	General Automotive Repair Shops
1986	VALEY SERVICE CENTER	Gasoline Service Stations
1987	VALEY SERVICE CENTER	Gasoline Service Stations
1988	VALEY SERVICE CENTER	Gasoline Service Stations
1989	VALEY SERVICE CENTER	Gasoline Service Stations
1989	VALLEY SERVICE CENTER	Gasoline Service Stations
1990	VALEY SERVICE CENTER	Gasoline Service Stations
1991	VALEY SERVICE CENTER	Gasoline Service Stations
1992	VALLEY SERVICE CENTER	Gasoline Service Stations
1993	VALLEY SERVICE CENTER	Gasoline Service Stations
1994	VALLEY SERVICE CENTER	Gasoline Service Stations
1995	VALLEY SERVICE CENTER	Gasoline Service Stations
1996	VALLEY SERVICE CENTER	Gasoline Service Stations
1997	VALLEY SERVICE CENTER	Gasoline Service Stations
1998	VALLEY SERVICE CENTER	Gasoline Service Stations

C16 **CHEVRON STATION #97842** **UST** **U003939052**
SE **11025 WARNER AVE # 97842** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.036 mi.
190 ft. **Site 4 of 11 in cluster C**

Relative: UST:
Lower

Actual: **40 ft.**

Name:	CHEVRON STATION #97842
Address:	11025 WARNER AVE # 97842
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	3367
Permitting Agency:	ORANGE COUNTY
Latitude:	33.7182144
Longitude:	-117.935409

D17 **EDINGER ARCO** **UST** **U003942701**
NNE **10975 EDINGER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 1 of 9 in cluster D**

Relative:
Higher

Actual:
53 ft.

ORANGE CO. UST:
Name: EDINGER ARCO
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: FA0059314

UST:
Name: EDINGER ARCO
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: FA0059314
Permitting Agency: Orange County Environmental Health
Latitude: 33.73124
Longitude: -117.93768

Name: EDINGER ARCO
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: Not reported
Permitting Agency: Orange County Environmental Health
Latitude: 33.73124
Longitude: -117.93768

Name: UNOCAL #5612
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: 5270
Permitting Agency: ORANGE COUNTY
Latitude: 33.7326871
Longitude: -117.9364411

D18 **DMJ OIL/EDINGER ARCO** **RCRA NonGen / NLR** **1024852394**
NNE **10975 EDINGER AVE** **CAL000411493**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 2 of 9 in cluster D**

Relative:
Higher

Actual:
53 ft.

RCRA Listings:
Date Form Received by Agency: 2015-10-22 00:00:00.0
Handler Name: DMJ OIL/EDINGER ARCO
Handler Address: 10975 EDINGER AVE
Handler City,State,Zip: FOUNTAIN VALLEY, CA 92708
EPA ID: CAL000411493
Contact Name: MATT MITRY
Contact Address: 10975 EDINGER AVE
Contact City,State,Zip: FOUNTAIN VALLEY, CA 92708
Contact Telephone: 714-851-3362
Contact Fax: Not reported
Contact Email: MATTMITRY@GMAIL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified

DMJ OIL/EDINGER ARCO (Continued) **1024852394**

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:	10975 EDINGER AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DMJ OIL INC
Owner Type:	Other
Operator Name:	MATT MITRY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

DMJ OIL/EDINGER ARCO (Continued) **1024852394**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:06:57.0
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 MITRY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10975 EDINGER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-851-3362
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DMJ OIL INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10975 EDINGER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-851-3362
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-10-22 00:00:00.0
Handler Name:	DMJ OIL/EDINGER ARCO
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

D19 **STATION 5612** **HIST UST** **U001578390**
NNE **10975 EDINGER** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 3 of 9 in cluster D**

Relative: **Higher**
Actual: **53 ft.**

HIST UST:

Name:	STATION 5612
Address:	10975 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	0002D69D
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D69D.pdf
Region:	STATE
Facility ID:	00000043751
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	GARY RASH & GARY CLEVENGER
Telephone:	7147758338
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	1450 FRAZEE ROAD
Owner City,St,Zip:	SAN DIEGO, CA 92108
Total Tanks:	0001
Tank Num:	001
Container Num:	5612-00
Year Installed:	1966
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

D20 **UNOCAL #5612** **LUST** **S102440328**
NNE **10975 EDINGER AVE** **HIST CORTESE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **CERS**
0.041 mi.
219 ft. **Site 4 of 9 in cluster D**

Relative: **Higher**
Actual: **53 ft.**

LUST:

Name:	UNOCAL #5612
Address:	10975 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901443
Global Id:	T0605901443
Latitude:	33.731238
Longitude:	-117.937682
Status:	Completed - Case Closed
Status Date:	01/04/1994
Case Worker:	TE
RB Case Number:	083001936T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	91UT114
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

UNOCAL #5612 (Continued) **S102440328**

LUST:
Global Id: T0605901443
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605901443
Action Type: Other
Date: 10/06/1991
Action: Leak Discovery

Global Id: T0605901443
Action Type: Other
Date: 10/06/1991
Action: Leak Reported

LUST:
Global Id: T0605901443
Status: Open - Case Begin Date
Status Date: 10/06/1991

Global Id: T0605901443
Status: Completed - Case Closed
Status Date: 01/04/1994

ORANGE CO. LUST:
Name: UNOCAL #5612
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 91UT114
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 01/04/1994
Record ID: RO0002344

HIST CORTESE:
edr_fname: UNOCAL #5612
edr_fadd1: 10975 EDINGER
City,State,Zip: FOUNTAIN VALLEY, CA
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001936T

CERS:
Name: UNOCAL #5612
Address: 10975 EDINGER
City,State,Zip: FOUNTAIN VALLEY, CA 92708

UNOCAL #5612 (Continued) **S102440328**

Site ID: 230280
CERS ID: T0605901443
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

D21 **KA MANAGEMENT INC DBA EDINGER ARCO** **CERS HAZ WASTE** **S118232560**
NNE **10975 EDINGER AVE** **CERS TANKS** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **HAZNET**
0.041 mi. **CERS**
219 ft. **Site 5 of 9 in cluster D** **HWTS**

Relative: Higher
Actual: 53 ft.

CERS HAZ WASTE:
Name: EDINGER ARCO
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 27510
CERS ID: 10421440
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: EDINGER ARCO
Address: 10975 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 27510
CERS ID: 10421440
CERS Description: Underground Storage Tank

HAZNET:
Name: KA MANAGEMENT INC DBA EDINGER ARCO
Address: 10975 EDINGER AVE
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Contact: TONY CASAREZ
Telephone: 8584046084
Mailing Name: Not reported
Mailing Address: 5820 OBERLIN DR STE 201

Year: 2014
Gepaid: CAL000374214
TSD EPA ID: CAD008364432
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Additional Info:

Year:	2014
Gen EPA ID:	CAL000374214
Shipment Date:	20140826
Creation Date:	11/8/2014 22:15:22
Receipt Date:	20140908
Manifest ID:	010180941JJK
Trans EPA ID:	CAR000163097
Trans Name:	K-VAC ENV DBA JSE ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
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

CERS:

Name:	EDINGER ARCO
Address:	10975 EDINGER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	27510
CERS ID:	10421440
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-07-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

	prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 06/07/2019. OBSERVATION: Facility failed to test overfill prevention equipment at least once as of 10/13/2018 and every 36 months thereafter. CORRECTIVE ACTION: Overfill prevention equipment was tested this date. Submit passing test results to this Agency within 30 days to abate this violation.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-12-2015
Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes:	Returned to compliance on 06/12/2015. The 91-grade spill bucket failed testing. It was fixed during the inspection and successfully retested. This violation was corrected during the inspection. No further corrective action is required.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-09-2017
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 06/09/2017. The leak sensors located in the turbine sump for the two 87 tanks were not located at a 90 degree upright angle. Violation was corrected during the inspection.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-15-2015
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to comply with one or more of the following: conduct secondary containment testing, within six months of installation and every 36 months thereafter, conducted in accordance with proper practices, protocols, or test methods.
Violation Notes:	Returned to compliance on 06/12/2015. Secondary containment was

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

previously conducted on 1/26/12. It must be conducted every 36 months. The site conducted testing on 3/24/15. This violation has been corrected. No further corrective action is required.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 04-15-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 10/19/2015. Please submit a current Certification of Financial Responsibility, with supporting documents, to an approved electronic reporting database within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 06-09-2015
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes: Returned to compliance on 06/12/2015. The monitoring system was last certified on 6/2/14. It must be certified annually.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 06-09-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 08/14/2017. Please update the electronic submittal via CERS to reflect the changes in the diesel tank conversion immediately. A follow-up inspection will be conducted within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 07-14-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Violation Notes:	Returned to compliance on 09/14/2016. This violation was originally cited on the inspection report dated 6/10/16. Documentation that the violation has been corrected has not been received by this Agency. The violation is being elevated to Class II, which is more serious than the originally cited minor violation. Please submit the current designated operator annual employee training records to this Agency within 10 business days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-02-2014
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 05/18/2015. The following monitoring conditions were observed: - 87-turbine sump, west: VR 208 sensor lying on its side - 89-turbine sump: VR 208 sensor lying on its side - UDC 1/2: Beaudreau 406 sensor with tangled cable that prevented the sensor from resting on the bottom of the UDC - UDC 9/10: Beaudreau 406 sensor was looped over dispenser support beam and prevented from resting on the bottom of the UDC The sensors were properly placed after testing. This violation was corrected during the inspection.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-08-2018
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 06/08/2018. The time between the two most recent secondary containment tests exceeded the 36 month frequency requirement. (3/24/15 and 4/13/18). Ensure that all tests are conducted in a timely manner to remain in compliance. CORRECTED ONSITE
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-07-2019
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to retain a copy of the permit to operate at the facility.
Violation Notes:	Returned to compliance on 06/07/2019. OBSERVATION: Owner/Operator did not retain a copy of the permit to operate at the facility. CORRECTIVE

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

	ACTION: Retain a copy of the permit to operate at the facility. A copy was emailed to Mr. Mitry. Violation corrected.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-15-2015
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes:	Returned to compliance on 10/19/2015. Please submit at current plot plan to an approved electronic reporting database within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-12-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 05/04/2018. A hazardous waste container with approximately 40 pounds of waste was observed at the rear of the structure without the proper label requirements All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-10-2016
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 07/14/2016. Annual employee training was provided by facility's vice president in January 2016 by but not by the designated operator (DO). Employees must be trained by the DO and a copy of training records be submitted to this agency within 30 days of this inspection.
Violation Division:	Orange County Environmental Health
Violation Program:	UST

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	06-12-2015
Citation:	23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description:	Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes:	Returned to compliance on 06/12/2015. Secondary containment testing retest was conducted on 5/8/15. The test results have not yet been received by this Agency.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-15-2015
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 10/19/2015. Please submit a current copy of the monitoring plan to an approved electronic reporting database within 30 days. The document must also be available on site.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-15-2015
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain and maintain a valid operation permit from the CUPA.
Violation Notes:	Returned to compliance on 10/19/2015. The facility is currently operating without a valid permit to operate. A permit can be issued when the facility is in compliance with all applicable UST laws and regulations, and has no outstanding violations.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	27510
Site Name:	Edinger Arco
Violation Date:	04-15-2015
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to submit statement of UST compliance and/or Designated Operator certification.
Violation Notes:	Returned to compliance on 10/19/2015. Please submit a current designated operator owner statement to an approved electronic reporting database within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 04-15-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.
Violation Notes: Returned to compliance on 10/19/2015. Please submit a current leak response plan to the electronic database within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 04-15-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 10/19/2015. Please submit the following documents to an approved electronic reporting database within 30 days: - Business Activities - Owner/Operator Identification - Tank Pages, one per tank
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 27510
Site Name: Edinger Arco
Violation Date: 04-15-2015
Citation: HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description: Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes: Returned to compliance on 06/12/2015. Multiple components of the secondary containment failed testing on 3/24/15. Please submit a plan check for repair of the failed components to this Agency within 30 days. If there is a question regarding the necessity of plan check for certain repairs or modifications, please contact this Agency for clarification. Plan Check Fees and the Facility Modification Application can be found at www.occupainfo.com
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and APPROVED plan check SR0129644. Contacted Andrew Miranda 909-581-5460 by phone and let him know copies of the plans are available for pick-up at the front counter.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval General Type:	Other/Unknown
Eval Date:	04-16-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received cancellation notification for SB989 test scheduled for 4/20/15.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0129644 On site for a final testing for a diesel tank conversion (Midgrade tank converted to Diesel). Met with tester, Fernando Martinez, verified ICC and VMI certifications. The following work was conducted while I was present on site: - Installation of a MLLD for the diesel tank. - Monitoring certification for the diesel tank; PASSED - PLLD tested; PASSED - Spill bucket tested; PASSED Test results have been submitted to this Agency.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-09-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On site for routine UST inspection, monitoring system certification, and spill bucket testing. Testing of monitoring equipment was performed by Fernando Martinez on behalf of Pacific Nozzle and Petroleum Services; Tester provided the following verification and are all current: ICC, Veeder Root, and VMI. The facility has four double-walled underground storage tanks (87S, 87W, 91, and Diesel). The monitor was operational for audible and visual alarms. Leak sensors in the turbine sumps (VR-208) were not located at a 90 degree angle both 87 tanks. All sumps were free of liquid. Leak sensors were observed to be located in the mid slope of the tank top. Leak sensors for the annular spaces (VR-420), fill sumps (VR-208), turbine sumps (VR-208), and UDCs (Beaudreau 406) were tested and determined to be operational. Sensor out and fail safe, were tested and passed. Flappers are used for overfill prevention. The spill buckets were tested; bucket test [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Open CO for operating UST without permit, failure to notify for change of owner (Dec 2014), multiple other violations
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-10-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector Comments: On site to witness monitoring system certification activities and conduct routine UST inspection. All annular, turbine and fill sump sensors alarmed properly (visual and audible) and shut down respective turbine when submerged in water. UDC sensors are "stand alones." All dispensers shut off when sensors were submerged in water. Fail-safe, sensor out and emergency shut off were tested and passed. Line leak detectors were tested and passed. Site has flappers for overfill prevention. Spill buckets were tested visually without any changes in water level. Valid permit, designated operator documentation (DO), monitoring plan, response plan, employee training records, tank pages, certification of financial responsibility, copies of monitoring system certification and secondary containment reports are available for review. Annual employee training was provided by facility's vice president, Matt Mitry, in January 2016 by but not by [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency has received the following documents: Monitoring system certification dated 6/12/15 Secondary retest report dated 5/8/15 The following components of the secondary containment failed testing on 3/24/15 and were successfully retested: - secondary piping (3) - turbine sumps (4) - fills sumps (4) - UDCs 3/4, 5/6, 7/8 According to Gregorio Vazquez of Vasquez Maintenance, they tightened test boots and clamps and adjusted the electrical boxes. No repairs requiring plan check were conducted. Violations (I205), (I296), and (I382) have been corrected. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-13-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Closure/completion paperwork.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-14-2016
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval General Type:	Other/Unknown
Eval Date:	08-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Meeting scheduled for 8-18-14 at 1:00 pm. Phone conference call to be held. 1 Class I violation. Violations has been corrected and sleeves have been installed for the sump sensors. Contacted Jason Wellller for number to call for conference call. Update Files.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review file for teleconference Show Cause Meeting. Update file. Discuss UST penalty. Facility is in compliance at the time of the show cause meeting.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-19-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted UST documents in CERS: - CFR dated 8/5/16 - DO is Karen McKabney
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Confirm placement on NOV for No Permit list (Christine).
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-02-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTION COMMENT: On-site for a follow-up hazardous waste generator inspection. Facility has properly labeled two hazardous waste 55-gallon drums on site. Observed over 27 gallons/220 lbs of cumulative hazardous waste on site. Facility has 180 days from the accumulation start date to properly dispose of the hazardous waste. The following violation has been corrected: I-400 Generator properly labeled all containers or tanks containing hazardous waste as required mattmitry@gmail.com
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval General Type:	Other/Unknown
Eval Date:	10-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS submittal accepted. All violations corrected. Issue permit to operate. Close CO0057807
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change status to receive a UST permit, per Berg.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-19-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following UST documents have been approved in the CERS database: - Business Activities - Owner Operator Identification - UST Facility - Tank Pages, 1 per tank - Monitoring plan - Facility diagram - Leak response plan - Certification of Financial Responsibility dated 8/5/15 - Designated Operator Owners Statement: DO is Luis Rivera Violations (I481), (I582), (I583), (I421), (I161), I673), (I616) have been corrected. A permit to operate will be issued to the facility.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	02-13-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review. NOT ACCEPTED. Submit a current letter from the facility's Chief Financial Officer verifying that the facility meets the financial requirements of the mechanism chosen for financial responsibility (state fund/CFO letter). Submit the CFO letter within 30 days (3/13/18).
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review. ACCEPTED. Updated CFO letter provided.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Date:	04-12-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Per a telephone conversation with the owner's son, the operator states that no hazardous waste is generated at this facility and therefore there are no manifests available for review. A partially full55 gallon drum of hazardous waste was observed in the rear of the facility. No labeling or manifests were onsite (see violation) so a further review of this facility will be conducted.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-15-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENTS On site for initial hazardous waste inspection. Consent to enter and inspect was given by Matthew Mitry. The business changed owners as of 12/29/14. Observed the facility and inspected hazardous waste storage. The facility currently does not have hazardous waste on site. Please be sure to label the container with the required information when waste begins to accumulate. No evidence of hazardous waste spillage or runoff was observed. Waste has not yet been hauled. When waste is hauled, please maintain manifests for at least three years and make them available for review during inspections. Emergency plan was updated during the inspection. The facility will be regulated as a conditionally exempt small quantity generator (CESQG). As a CESQG, the facility must have hazardous waste hauled within 180 days of generating a combined total (solids and liquids) of 220 lb of hazardous waste.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-23-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-07-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: TESTER: Peyman Nasibi, Pacific Nozzle G verified ICC & Veeder-Root, & VMI TANK: 87E (10,000 gallons) 87W (10,000 gallons) 91 (10,000 gallons) Diesel (10,000 gallons) MONITORING PANEL: Veeder-Root TLS-350 LEAK SENSORS: All sumps (piping and fill) were monitored by VR-208 sensors. All annular spaces are monitored by VR-420 sensors. LLD: Mechanical line leak detector OVERFILL: Flappers UDCs: All monitored by Beaudreau 406 sensors. Monitoring Certification was last conducted on 6/8/2018. Secondary Containment Testing was last conducted on 4/13/2018. Test is due every 36 months. Overfill

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

	Prevention Equipment Test is conducted this date. Test was due on 10/13/2018. Please submit all test results within 30 days to this Agency.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2015
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS The following violations were cited on a previous inspection report and remain outstanding: (I481) UST facility has not been issued a permit to operate for the current owner (I582) Failure to submit change of ownership (Activities, Owner/Operator, Facility, Tank Pages) documents to an approved electronic database (I583) Failure to submit Certification of Financial Responsibility documents to an approved electronic database (I382) Failed secondary containment testing on 3/24/15. Retest on 5/8/15, results not yet received. (I421) Failure to submit a current monitoring plan to an approved electronic database (I673) Failure to submit a leak response plan to an approved electronic database (I161) Failure to submit a current plot plan to an approved electronic database (I616) Failure to submit a designated operator owner statement to an approved electronic database Underground storage tank documents can be submitted via the e-Submit Portal, [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-13-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS Received the Annual Monitoring System Certification Test Result, dated 6/9/17. The following tests PASSED: - Monitoring System Certification - Line Leak Detector - Spill Bucket Test
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the monitoring system certification test report for a test conducted 6/8/18. The following components PASSED testing: - Tank Annular Sensors (4) - STP Sump Sensors (4) - Fill Sump Sensors (4) - UDC Sensors (4) - Audible/Visual Overfill Alarm - Fail Safe/Sensor Out - Spill Buckets Visual Test - Line Leak Detectors
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-15-2015
Violations Found:	No

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Type: Other, not routine, done by local agency
Eval Notes: Change of ownership as of 12/29/14. New owner is DMJ Oil, Inc.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 retest notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 retest notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-14-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-01-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification for 6-9
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-15-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Change of ownership as of 12/29/14. New owner is DMJ Oil, Inc.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-15-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-15-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for initial underground storage tank inspection. The facility changed owners as of 12/29/14. Discussed change of ownership requirements with Matthew Mitry. The site has four double-walled USTs monitored by a Veeder Root TLS-350 System. The monitor is operational for audible and visual alarms. Secondary containment test report dated 3/24/15 has been received by this Agency. The test report appears consistent with the testing protocol submitted by Clean Air Testing. The following components passed testing: - tank annulars (4) - UDCs 1/2, 9/10 - 91 fill sump - Spill buckets (4) The following components failed testing: - secondary piping (3) - turbine sumps (4) - 87W, 87E, 89 - UDCs 3/4, 5/6, 7/8 NOTE: UST documents must be submitted via the e-Submit Portal at https://www.esubmit.ocgov.com/home/ or through the California Electronic Reporting System (CERS).
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-18-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Fix violation status in EC (close > open for previously corrected violations)
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-21-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change status to not receive a permit, per Berg.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-01-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Inspection rescheduling due to regularly scheduled day off falling on 6/9. Confirmation from the tester is pending.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussed SR with the district inspector, D. Freed. Started working on report.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-12-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Wrote report.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Open CO for sensors not positioned to detect a leak at the earliest possible opportunity.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-23-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the following documents: Monitoring system certification dated 6/2/14 Spill bucket test (visual) report dated 6/2/14 Reviewed UST submission package on the CERS database eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-01-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Violation (I651) was cited on 6/10/16 for failure to properly document annual employee training by the designated operator. This violation remains outstanding. Please submit current records for UST training given to the employees by the designated operator. The records must comply with 23CCR 2715(f)((3) and include dates of training and hiring dates for all employees. Submit the records to this Agency within 5 business days.

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Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-18-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Violation I421 cited on 6/9/17 has been corrected. There are no outstanding UST violations at this facility. The Underground Storage Tank Permit may now be issued. A copy of this report will be sent to MATTMITRY@GMAIL.COM
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-02-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Change UST status per Arghavan to get a permit
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review corrected show cause. Correct and print for signature ad certified mail.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-16-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-20-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Notes:	On site for follow up inspection. Consent to enter and inspect was given by Alber Mitry. The designated operator training log was reviewed. The following conditions were observed on the log: - The form that was initially reviewed on 6/10/16 indicated that the trainer for 1/1/15 was Matthew Mitry. This name has since been crossed out and replaced with Luis Rivera. - Luis Rivera's name is spelled "Louis" for two of the entries - Hire dates for the trainees on 7/5/16 is "cashier" NOTE: Luis Rivera is the sole designated operator for this location. Matthew Mitry was contacted via phone to discuss the discrepancies on the document. He said that Luis had conducted the training on 1/4/16 but did not complete the form for the trainer name field. Matthew said that he noticed the form was incomplete and inserted his own name in the blank. He changed the when he was notified that his name was not acceptable as the DO trainer. He also completed the remainder of the form with [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-14-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Update File. Emails with Jason Weller in regards to possible conference call Show Cause meeting. Show cause conference call scheduled for 8-18-14 at 1:00 pm.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and ACCEPTED CERS ID# 10421440 Facility Information and UST submittals dated 6/13/17.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-22-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Close CO0054860
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval General Type:	Other/Unknown
Eval Date:	09-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received signed consent order and payment from Edinger ARCO. Consent Order signed by HCA/Long. Draft of Compliance Letter. HMSS Files Updated.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-05-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Compliance Letter drafted and signed. Letter emailed to KA Shires Tony Casarez. Read receipts received. Complaint CLOSED. EN CLOSED. CERS Enforcement Form completed and emailed to John for CalEPA. CASE EN0001042 CLOSED
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-02-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous waste inspection. Consent to enter and inspect was given by Russel Bridglal. Observed the facility and inspected hazardous waste storage. The containers are stored closed and properly labeled. Please make sure to label all containers of hazardous waste with the required information as soon as the waste begins to accumulate. Faded labels must be touched up or replaced if the required information is not longer clearly visible. The facility has not yet had hazardous waste hauled. There is currently 30-40 pounds of waste solids with fuel, and two 5-gallon buckets of liquid with fuel. As a conditionally exempt small quantity generator (CESQG), the facility must have hazardous waste hauled within 180 days of accumulating 100 kg (220 lb) of all hazardous. The spill bucket test water and liquid that is being removed from the sumps will be left on site following UST testing. The combined weight of these wastes will exceed 220 pounds, therefore [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-02-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine UST inspection and monitoring system certification. The facility has four double-walled tanks monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Panel display reads G all functions normal.G Positive shutdown and fail-safe programming were verified. Flapper valves are used for overfill prevention. The sensors in the fuel tank annulars, turbine sumps, and fill sumps all shutdown the turbines when

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

submerged in fuel. The UDCs are monitored by Beaudreau sensors. The sensors shutdown their respective dispenser when submerged in fluid. The mechanical line leak electronic detectors were tested after inspector departure. Spill buckets were visually tested for 30 minutes. All four spill buckets passed testing. Testing was conducted by Matt Clark of PCET. Technician certifications (VR, ICC, VMI, Franklin) were verified. Please submit the test reports to this Agency within 30 days. The following documents [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: An on-site inspection was conducted this date to witness the annual monitoring system certification. Peyman Nabisi (Pacific Nozzle) conducted the monitoring system certification and provided current Veeder-Root, VMI, and ICC certifications. This facility contains: 4 - USTs (diesel, 87, 87 syphon, 91) Monitor system is a Veeder-Root monitor panel and reads all functions normal. Overfill protection provided by fill-tube shut-off valve (flapper). Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. Alarm history and setup tape reviewed while on site. The following were tested: - Sensors, initiated positive shutdown to the turbines when tested in water - G Fail SafeG and G Positive ShutdownG - Spill buckets using a visual hydrostatic test - Leak detectors. MLLD (mechanical) Documents reviewed onsite: - Permit to operate - Previous [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENT: On site for a routine hazardous waste inspection. Consent to inspect and take any necessary photos was given by Radosada Mulalic, Cashier. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Emergency plan is posted at the Veeder-Root panel behind the casher station. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-12-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: THIS REPORT SUPERCEDES THE PREVIOUSLY ISSUED INSPECTION REPORT DATED

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

6/12/15 On site for routine UST inspection and monitoring system certification. The facility has four double-walled tanks (87N, 87S, 89, 91) monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Panel display reads G all functions normal.G Positive shutdown and fail-safe programming were verified. Flapper valves are used for overfill prevention. The sensors in the fuel tank annulars, turbine sumps, and fill sumps all shutdown the turbines when submerged in fuel. The UDCs are monitored by Beaudreau sensors. The sensors shutdown their respective dispenser when submerged in fluid. The four mechanical line leak electronic detectors were tested with a simulated 3 gph leak test and were determined to be operational. Spill buckets were visually tested for 30 minutes. The 91-grade spill bucket failed testing. It was fixed during the inspection and [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received by this Agency: - Monitoring system certification dated 6/10/16 - Spill bucket test report dated 6/10/16 Thank you.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal reviewed and was NOT ACCEPTED. See comments below. Per on-site inspection on 6/9/2017, please update your monitoring plan and monitoring site plan to reflect the diesel tank conversion. Any questions, please feel free to contact me at minh.le@ochca.com or your district inspector, Dean Freed, at dfreed@ochca.com. Thank you. Minh Le.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-15-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Change permit status to Do Not Issue Permit (03) per email from M. Le dated 6/13/17.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-11-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Eval Notes:	Request to Show Cause received. Enforcement folder created. All Envision reports and 7800 placed in folder. Create HMSS AEO Spreadsheet tab. Create EN Number. Draft Show cause letter. Email for review. Calculate initial penalty. Create AEO Meeting Folders. Schedule Show cause meeting and room.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-24-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received email from Jason Weller from KA enterprises indicating that the sleeves will be installed and a work order attached. Emailed Jason back that the hearing needs to be attended and that anyone with signature authority may attend. Emailed Enforcement team in regards to possible AEO packet and stipulation or order to be sent. Gerrit, Good afternoon. I am contacting you today with respect to the letter dated July 14, 2014 for a potential administrative enforcement order under CA Health & Safety Code involving our Underground Storage Tanks. First, let me say we are sincerely sorry for this deficiency. We do pride ourselves on complying with all local, state and federal laws. Upon learning of this deficiency, and before receiving your letter, my company had already taken efforts to cure this matter timely. In fact, the work was completed earlier this week. Please see attached. I have pictures as well. Now that the deficiency was resolved quickly, I would [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-25-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Open violation review and email to operator.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-10-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENTS The following violations were cited on previous inspection reports and remain outstanding: (I481) Operating UST without a permit to operate being issued (I582) Failure to submit UST permitting documents electronically (I583) Failure to submit Certification of Financial Responsibility electronically (I421) Failure to submit monitoring plan electronically (I161) Failure to submit monitoring system plot plan electronically (I673) Failure to submit leak response plan electronically (I616) Failure to submit Designated Operator Owner Statement UST documents can be submitted via the e-Submit Portal, located at https://www.esubmit.ocgov.com/home/or through the California Electronic Reporting System (CERS) located at http://cers.calepa.ca.gov/. Failure to comply with applicable UST laws

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

	and regulations may result in enforcement action by this Agency.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-14-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the DO annual employee training records that include the date of hire. Violation (I651) has been corrected. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST package declined in CERS: Tank Pages: Total Containment tanks have a steel primary and fiberglass secondary (all tank pages) Riser Pipe secondary is fiberglass
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-23-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST permitting package declined due to minor inaccuracies. Upon acceptance of complete/correct package, site can be issued a permit.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Enforcement Action:

Site ID:	27510
Site Name:	Edinger Arco
Site Address:	10975 EDINGER AVE
Site City:	FOUNTAIN VALLEY
Site Zip:	92708
Enf Action Date:	06-13-2014
Enf Action Type:	AEO - Unified Program
Enf Action Description:	Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes:	Fines/Penalties Assessed: $1,500.00. EDINGER ARCO KA SHORES GROUP LLC 10975 EDINGER AVENUE FOUNTAIN VALLEY FA0059314 UST PR0083303.
Enf Action Division:	Orange County Environmental Health
Enf Action Program:	UST
Enf Action Source:	CERS

Coordinates:

Site ID:	27510
Facility Name:	Edinger Arco
Env Int Type Code:	HWG

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Program ID:	10421440
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.731240
Longitude:	-117.937680

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Matthew Mitry
Entity Title:	Not reported
Affiliation Address:	10975 Edinger Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Matthew Mitry
Entity Title:	Vice President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(858) 404-6084

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Matthew Mitry
Entity Title:	Not reported
Affiliation Address:	10975 Edinger Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92708
Affiliation Phone:	(714) 775-4476

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406

Affiliation Type Desc:	Identification Signer
Entity Name:	Matthew Mitry
Entity Title:	vice president
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Edinger Arco
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Matthew Mitry
Entity Title:	Not reported
Affiliation Address:	10975 edinger ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92708
Affiliation Phone:	(714) 851-3362

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Dmj Oil, inc
Entity Title:	Not reported
Affiliation Address:	10975 Edinger Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92708
Affiliation Phone:	(714) 775-4476

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	10975 Edinger Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	DMJ Oil 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:	(714) 775-8846

Affiliation Type Desc:	Document Preparer
Entity Name:	Matthew Mitry
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: DMJ Oil, INC.
Entity Title: Not reported
Affiliation Address: 10975 edinger ave
Affiliation City: Fountain Valley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92708
Affiliation Phone: (714) 775-8846

Affiliation Type Desc: UST Tank Operator
Entity Name: DMJ Oil, INC.
Entity Title: Not reported
Affiliation Address: 10975 Edinger Ave
Affiliation City: Fountain Valley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92708
Affiliation Phone: (714) 775-4476

HWTS:
Name: KA MANAGEMENT INC DBA EDINGER ARCO
Address: 10975 EDINGER AVE
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708
EPA ID: CAL000374214
Inactive Date: 12/29/2014
Create Date: 05/03/2012
Last Act Date: 07/16/2015
Mailing Name: Not reported
Mailing Address: 5820 OBERLIN DR STE 201
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN DIEGO, CA 921210000
Owner Name: KA MANAGEMENT INC
Owner Address: 5820 OBERLIN DR STE 201
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 921210000
Contact Name: TONY CASAREZ
Contact Address: 5820 OBERLIN DR STE 201
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92121

NAICS:
EPA ID: CAL000374214
Create Date: 2012-05-03 09:33:46
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2012-05-03 09:33:46
Inactive Date: 2014-12-29 00:00:00
Facility Name: KA MANAGEMENT INC DBA EDINGER ARCO
Facility Address: 10975 EDINGER AVE
Facility Address 2: Not reported
Facility City: FOUNTAIN VALLEY

KA MANAGEMENT INC DBA EDINGER ARCO (Continued) **S118232560**

Facility County:	30
Facility State:	CA
Facility Zip:	92708
EPA ID:	CAL000374214
Create Date:	2014-12-30 16:49:10
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	2012-05-03 09:33:46
Inactive Date:	2014-12-29 00:00:00
Facility Name:	KA MANAGEMENT INC DBA EDINGER ARCO
Facility Address:	10975 EDINGER AVE
Facility Address 2:	Not reported
Facility City:	FOUNTAIN VALLEY
Facility County:	30
Facility State:	CA
Facility Zip:	92708

D22 **FOUNTAIN VALLEY ENTERPRISES** **EDR Hist Auto** **1020273941**
NNE **10975 EDINGER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 6 of 9 in cluster D**

Relative: EDR Hist Auto
Higher

Actual:
53 ft.

Year:	Name:	Type:
1973	HAVEN GEORGE W	Gasoline Service Stations
1974	HAVEN GEORGE W	Gasoline Service Stations
1975	HAVEN GEORGE W	Gasoline Service Stations
1976	HAVEN GEORGE W	Gasoline Service Stations
1977	HAVEN GEORGE W	Gasoline Service Stations
1978	HAVEN GEORGE W	Gasoline Service Stations
1979	EVAN GERALD R	Gasoline Service Stations
1980	EVAN GERALD R	Gasoline Service Stations
1982	EVAN GERALD R	Gasoline Service Stations
1983	EVAN GERALD R	Gasoline Service Stations
1985	EVAN GERALD R	Gasoline Service Stations
1986	EVAN GERALD R	Gasoline Service Stations
1987	EVAN GERALD R	Gasoline Service Stations
1987	G & G UNION 76	Gasoline Service Stations
1988	G & G UNION 76	Gasoline Service Stations
1988	EVAN GERALD R	Gasoline Service Stations
1989	G & G UNION 76	Gasoline Service Stations
2000	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2001	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2002	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2003	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2004	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2005	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2006	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2007	FOUNTAIN VALLEY ENTERPRISES	Gasoline Service Stations
2008	FOUNTAIN VALLEY INTL INC	Gasoline Service Stations
2009	FOUNTAIN VALLEY INTL INC	Gasoline Service Stations
2010	FOUNTAIN VALLEY INTL INC	Gasoline Service Stations
2011	FOUNTAIN VALLEY INTL INC	Gasoline Service Stations
2011	CALIFORNIA FUELS HM ENTPS	Gasoline Service Stations

FOUNTAIN VALLEY ENTERPRISES (Continued) **1020273941**

2012	EDINGER ARCO	Gasoline Service Stations
2012	CALIFORNIA FUELS HM ENTPS	Gasoline Service Stations
2013	EDINGER ARCO	Gasoline Service Stations
2013	CALIFORNIA FUELS HM ENTPS	Gasoline Service Stations
2014	CALIFORNIA FUELS HM ENTPS	Gasoline Service Stations
2014	EDINGER ARCO	Gasoline Service Stations

D23 **UNION OIL SERVICE STATION 56** **HIST UST** **U001578399**
NNE **10975 EDINGER** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 7 of 9 in cluster D**

Relative: **Higher**

Actual: **53 ft.**

HIST UST:

Name:	UNION OIL SERVICE STATION 56
Address:	10975 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	0002D6CC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D6CC.pdf
Region:	STATE
Facility ID:	00000055196
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	GARY RASH AND GARY CLEVENGER
Telephone:	7147758338
Owner Name:	UNION OIL COMPANY OF CALIFORNI
Owner Address:	123 CAMINO DELA REINA
Owner City,St,Zip:	SAN DIEGO, CA 92108
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1966
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	1966
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3
Year Installed:	1966
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

UNION OIL SERVICE STATION 56 (Continued) **U001578399**

Click here for Geo Tracker PDF:

D24 **UNOCAL #5612** **LUST** **S106176650**
NNE **10975 EDINGER** **Cortese** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.041 mi.
219 ft. **Site 8 of 9 in cluster D**

Relative: **Higher**
Actual: **53 ft.**

LUST REG 8:

Name:	UNOCAL #5612
Address:	10975 EDINGER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001936T
Local Case Num:	91UT114
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901443
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/6/1991
Enforcement Date:	Not reported
Close Date:	1/4/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7308775
Longitude:	-117.9378455
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*

UNOCAL #5612 (Continued) **S106176650**

Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	UNOCAL #5612
Address:	10975 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901443
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

E25 **RON LAURENCE** **RCRA NonGen / NLR** **1024770846**
NNE **10785 ONYX CT** **CAC002990752**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.046 mi.
242 ft. **Site 1 of 2 in cluster E**

Relative:
Higher

Actual:
51 ft.

RCRA Listings:

Date Form Received by Agency:	2018-11-28 00:00:00.0
Handler Name:	RON LAURENCE
Handler Address:	10785 ONYX CT
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002990752
Contact Name:	RON LAURENCE
Contact Address:	10785 ONYX CT
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	951-545-5580
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09

RON LAURENCE (Continued) **1024770846**

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:	10785 ONYX CT
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	RON LAURENCE
Owner Type:	Other
Operator Name:	RON LAURENCE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

RON LAURENCE (Continued) **1024770846**

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:	2018-12-20 13:51:37.0
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:	RON LAURENCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10785 ONYX CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	951-545-5580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON LAURENCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10785 ONYX CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	951-545-5580
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-11-28 00:00:00.0
Handler Name:	RON LAURENCE
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

F26
NNE
< 1/8
0.046 mi.
243 ft.

DAVID LE
15978 HYDE CT
FOUNTAIN VALLEY, CA 92708

Site 1 of 3 in cluster F

RCRA NonGen / NLR

1025839814
CAC003019414

Relative:
Higher

Actual:
52 ft.

RCRA Listings:

Date Form Received by Agency:	2019-06-12 00:00:00.0
Handler Name:	DAVID LE
Handler Address:	15978 HYDE CT
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003019414
Contact Name:	DAVID LE
Contact Address:	15978 HYDE CT
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-312-8503
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15978 HYDE CT
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DAVID LE
Owner Type:	Other
Operator Name:	DAVID LE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DAVID LE (Continued) **1025839814**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 14:19:53.0
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:	DAVID LE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15978 HYDE CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-312-8503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID LE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15978 HYDE CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-312-8503
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DAVID LE (Continued) **1025839814**

Historic Generators:

Receive Date:	2019-06-12 00:00:00.0
Handler Name:	DAVID LE
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

B27 **MILE SQUARE SURGERY CENTER INC** **RCRA NonGen / NLR** **1024872094**
South **10760 WARNER AVE #102** **CAL000440741**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.046 mi.
243 ft. **Site 2 of 2 in cluster B**

Relative: **Lower**

Actual: **37 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-11-13 00:00:00.0
Handler Name:	MILE SQUARE SURGERY CENTER INC
Handler Address:	10760 WARNER AVE #102
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000440741
Contact Name:	ARLENE VEGA
Contact Address:	10760 WARNER AVE #102
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-274-0388
Contact Fax:	714-274-0387
Contact Email:	ARLNWRD@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10760 WARNER AVE #102
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DOUGLAS TRAN MD
Owner Type:	Other
Operator Name:	ARLENE VEGA
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

MILE SQUARE SURGERY CENTER INC (Continued) **1024872094**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:32:14.0
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:	DOUGLAS TRAN MD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10760 WARNER AVE #102

MILE SQUARE SURGERY CENTER INC (Continued) **1024872094**

Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-274-0388
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ARLENE VEGA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10760 WARNER AVE #102
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-274-0388
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-11-13 00:00:00.0
Handler Name:	MILE SQUARE SURGERY CENTER 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

D28 **FOLLON CHARLIE 3** **HIST UST** **U001578363**
NNE **15972 EUCLID** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.049 mi.
258 ft. **Site 9 of 9 in cluster D**

Relative:
Higher

Actual:
53 ft.

HIST UST:

Name:	FOLLON CHARLIE 3
Address:	15972 EUCLID
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	0002E8EF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E8EF.pdf
Region:	STATE
Facility ID:	00000010606
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	F. HOWARD COLLINS
Telephone:	7145303240
Owner Name:	F. HOWARD COLLINS
Owner Address:	10355 SLATER #203
Owner City,St,Zip:	FOUNTAIN VALLEY, CA 92708
Total Tanks:	0005

FOLLON CHARLIE 3 (Continued) **U001578363**

Tank Num:	001
Container Num:	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:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

G29 **PARESH VEERA** **RCRA NonGen / NLR** **1026052414**
SE **11045 SUDITH AVE** **CAC003059309**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.049 mi.
261 ft. **Site 1 of 4 in cluster G**

Relative: **Lower**
Actual: **42 ft.**

RCRA Listings:

Date Form Received by Agency:	2020-03-10 00:00:00.0
Handler Name:	PARESH VEERA
Handler Address:	11045 SUDITH AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3018

PARESH VEERA (Continued) **1026052414**

EPA ID:	CAC003059309
Contact Name:	PARESH VEERA
Contact Address:	11045 SUDITH AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3018
Contact Telephone:	714-333-8715
Contact Fax:	Not reported
Contact Email:	ERNIE@SIRRIS.BIZ
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:	11045 SUDITH AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3018
Owner Name:	PARESH VEERA
Owner Type:	Other
Operator Name:	PARESH VEERA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

PARESH VEERA (Continued) **1026052414**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-13 17:51:41.0
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:	PARESH VEERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11045 SUDITH AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3018
Owner/Operator Telephone:	714-333-8715
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PARESH VEERA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11045 SUDITH AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3018
Owner/Operator Telephone:	714-333-8715
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-03-10 00:00:00.0
Handler Name:	PARESH VEERA
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

PARESH VEERA (Continued) **1026052414**

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

F30 **ALAA IBRAHAM** **RCRA NonGen / NLR** **1024765211**
NNE **15970 HYDE CT.** **CAC002985079**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.053 mi.
282 ft. **Site 2 of 3 in cluster F**

Relative: **Higher**
Actual: **52 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-10-16 00:00:00.0
Handler Name:	ALAA IBRAHAM
Handler Address:	15970 HYDE CT.
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002985079
Contact Name:	ALAA IBRAHAM
Contact Address:	15970 HYDE CT.
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-337-3742
Contact Fax:	Not reported
Contact Email:	DENNIS@FORTEENVIRONMENTAL.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:	15970 HYDE CT.
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	ALAA IBRAHAM
Owner Type:	Other
Operator Name:	ALAA IBRAHAM
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

ALAA IBRAHAM (Continued) **1024765211**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:29:52.0
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:	ALAA IBRAHAM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15970 HYDE CT.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-337-3742
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALAA IBRAHAM
Legal Status:	Other

ALAA IBRAHAM (Continued) **1024765211**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15970 HYDE CT.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-337-3742
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-10-16 00:00:00.0
Handler Name:	ALAA IBRAHAM
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

H31 **RYSZARD BORUCKI** **RCRA NonGen / NLR** **1025859791**
ENE **16300 MOUNT BADEN POWELL ST** **CAC003040370**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.055 mi.
288 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**

Actual: **49 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-10-24 00:00:00.0
Handler Name:	RYSZARD BORUCKI
Handler Address:	16300 MOUNT BADEN POWELL ST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2123
EPA ID:	CAC003040370
Contact Name:	RYSZARD BORUCKI
Contact Address:	16300 MOUNT BADEN POWELL ST
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2123
Contact Telephone:	714-454-8927
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@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
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	16300 MOUNT BADEN POWELL ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2123
Owner Name:	RYSZARD BORUCKI
Owner Type:	Other

RYSZARD BORUCKI (Continued) **1025859791**

Operator Name:	RYSZARD BORUCKI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-25 14:16:07.0
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

RYSZARD BORUCKI (Continued) **1025859791**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RYSZARD BORUCKI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 MOUNT BADEN POWELL ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2123
Owner/Operator Telephone:	714-454-8927
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RYSZARD BORUCKI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16300 MOUNT BADEN POWELL ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2123
Owner/Operator Telephone:	714-454-8927
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-24 00:00:00.0
Handler Name:	RYSZARD BORUCKI
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

H32 **CHUCK CORY** **RCRA NonGen / NLR** **1024772945**
ENE **11044 CORAL ALOE AVE** **CAC002992862**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.055 mi.
289 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
50 ft.

RCRA Listings:

Date Form Received by Agency:	2018-12-13 00:00:00.0
Handler Name:	CHUCK CORY
Handler Address:	11044 CORAL ALOE AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002992862
Contact Name:	CHUCK CORY
Contact Address:	11044 CORAL ALOE AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-719-4456

CHUCK CORY (Continued) **1024772945**

Contact Fax:	Not reported
Contact Email:	KC@AQHIINC.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:	11044 CORAL ALOE AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	CHUCK CORY
Owner Type:	Other
Operator Name:	CHUCK CORY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

CHUCK CORY (Continued) **1024772945**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-12-20 13:52:26.0
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:	CHUCK CORY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11044 CORAL ALOE AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-719-4456
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHUCK CORY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11044 CORAL ALOE AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-719-4456
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-12-13 00:00:00.0
Handler Name:	CHUCK CORY
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

I33 **TRAN TUAN** **RCRA NonGen / NLR** **1025832831**
NNW **15951 WARD STREET** **CAC003012401**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.063 mi.
331 ft. **Site 1 of 3 in cluster I**

Relative: **Lower**
Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-04-29 00:00:00.0
Handler Name:	TRAN TUAN
Handler Address:	15951 WARD STREET
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003012401
Contact Name:	TRAN TUAN
Contact Address:	15951 WARD STREET
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-775-0804
Contact Fax:	Not reported
Contact Email:	ERNIE@SIRRIS.BIZ
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:	15951 WARD STREET
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	TRAN TUAN
Owner Type:	Other
Operator Name:	TRAN TUAN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TRAN TUAN (Continued) **1025832831**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:15.0
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:	TRAN TUAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15951 WARD STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-0804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRAN TUAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15951 WARD STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-0804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TRAN TUAN (Continued) **1025832831**

Historic Generators:

Receive Date:	2019-04-29 00:00:00.0
Handler Name:	TRAN TUAN
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

I34 **TRAN TUAN** **RCRA NonGen / NLR** **1025832712**
NNW **15951 WARD ST** **CAC003012281**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.063 mi.
331 ft. **Site 2 of 3 in cluster I**

Relative: **Lower**

Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-04-26 00:00:00.0
Handler Name:	TRAN TUAN
Handler Address:	15951 WARD ST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003012281
Contact Name:	TRAN TUAN
Contact Address:	15951 WARD ST
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-775-0804
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15951 WARD ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	TRAN TUAN
Owner Type:	Other
Operator Name:	TRAN TUAN
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

TRAN TUAN (Continued) **1025832712**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:13.0
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:	TRAN TUAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15951 WARD ST

TRAN TUAN (Continued) **1025832712**

Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-0804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRAN TUAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15951 WARD ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-0804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-04-26 00:00:00.0
Handler Name:	TRAN TUAN
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

G35 **PATRICIA CLARK** **RCRA NonGen / NLR** **1026045190**
SE **11058 CAMELLIA AVE** **CAC003051564**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.064 mi.
338 ft. **Site 2 of 4 in cluster G**

Relative:
Lower

Actual:
40 ft.

RCRA Listings:

Date Form Received by Agency:	2020-01-17 00:00:00.0
Handler Name:	PATRICIA CLARK
Handler Address:	11058 CAMELLIA AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003051564
Contact Name:	PATRICIA CLARK
Contact Address:	11058 CAMELLIA AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-658-8206
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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

PATRICIA CLARK (Continued) **1026045190**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11058 CAMELLIA AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	PATRICIA CLARK
Owner Type:	Other
Operator Name:	PATRICIA CLARK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

PATRICIA CLARK (Continued) **1026045190**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:52:46.0
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:	PATRICIA CLARK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11058 CAMELLIA AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-658-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PATRICIA CLARK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11058 CAMELLIA AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-658-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-01-17 00:00:00.0
Handler Name:	PATRICIA CLARK
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

E36 **CHRIS MUSANTE** **RCRA NonGen / NLR** **1025839267**
NNE **10772 COBALT** **CAC003018866**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.064 mi.
338 ft. **Site 2 of 2 in cluster E**

Relative: **Higher**
Actual: **51 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-06-10 00:00:00.0
Handler Name:	CHRIS MUSANTE
Handler Address:	10772 COBALT
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003018866
Contact Name:	CHRIS MUSANTE
Contact Address:	10772 COBALT
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	415-385-4789
Contact Fax:	Not reported
Contact Email:	KC@AQHIINC.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:	10772 COBALT
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	CHRIS MUSANTE
Owner Type:	Other
Operator Name:	CHRIS MUSANTE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CHRIS MUSANTE (Continued) **1025839267**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 14:19:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHRIS MUSANTE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10772 COBALT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	415-385-4789
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHRIS MUSANTE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10772 COBALT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	415-385-4789
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CHRIS MUSANTE (Continued) **1025839267**

Historic Generators:

Receive Date:	2019-06-10 00:00:00.0
Handler Name:	CHRIS MUSANTE
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

G37 **BYRON TAYLOR** **RCRA NonGen / NLR** **1026048217**
SE **11062 SUDITH AVE** **CAC003054826**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.068 mi.
361 ft. **Site 3 of 4 in cluster G**

Relative: **Lower**

Actual: **42 ft.**

RCRA Listings:

Date Form Received by Agency:	2020-02-07 00:00:00.0
Handler Name:	BYRON TAYLOR
Handler Address:	11062 SUDITH AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003054826
Contact Name:	BYRON TAYLOR
Contact Address:	11062 SUDITH AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-775-3612
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11062 SUDITH AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	BYRON TAYLOR
Owner Type:	Other
Operator Name:	BYRON TAYLOR
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

BYRON TAYLOR (Continued) **1026048217**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:53:45.0
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:	BYRON TAYLOR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11062 SUDITH AVE

BYRON TAYLOR (Continued) **1026048217**

Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-3612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	BYRON TAYLOR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11062 SUDITH AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-3612
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-02-07 00:00:00.0
Handler Name:	BYRON TAYLOR
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

C38 **DA VINCI COSMETIC SURGERY CENTER** **RCRA NonGen / NLR** **1024857050**
SSE **11100 WARNER AVE SUITE 370** **CAL000421716**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.072 mi.
378 ft. **Site 5 of 11 in cluster C**

Relative:
Lower

Actual:
40 ft.

RCRA Listings:

Date Form Received by Agency:	2016-11-08 00:00:00.0
Handler Name:	DA VINCI COSMETIC SURGERY CENTER
Handler Address:	11100 WARNER AVE SUITE 370
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000421716
Contact Name:	ELSA DE LA CRUZ
Contact Address:	11100 WARNER AVE SUITE 370
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-540-1191
Contact Fax:	714-540-0470
Contact Email:	REJUVANTE@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

DA VINCI COSMETIC SURGERY CENTER (Continued) **1024857050**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11100 WARNER AVE SUITE 370
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DA VINCI COSMETIC SURGERY CENTER
Owner Type:	Other
Operator Name:	ELSA DE LA CRUZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

DA VINCI COSMETIC SURGERY CENTER (Continued) **1024857050**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:47.0
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:	ELSA DE LA CRUZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11100 WARNER AVE SUITE 370
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-540-1191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DA VINCI COSMETIC SURGERY CENTER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11100 WARNER AVE SUITE 370
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-540-1191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2016-11-08 00:00:00.0
Handler Name:	DA VINCI COSMETIC SURGERY CENTER
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

C39 **DANIEL RECALDE DPM INC OC ADVANCED FOOT CARE** **RCRA NonGen / NLR** **1024860822**
SSE **11100 WARNER AVE STE 306** **CAL000429280**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.072 mi.
378 ft. **Site 6 of 11 in cluster C**

Relative:
Lower

Actual:
40 ft.

RCRA Listings:

Date Form Received by Agency:	2017-07-19 00:00:00.0
Handler Name:	DANIEL RECALDE DPM INC OC ADVANCED FOOT CARE
Handler Address:	11100 WARNER AVE STE 306
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000429280
Contact Name:	DANIEL RECALDE DPM
Contact Address:	11100 WARNER AVE STE 306
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-979-0313
Contact Fax:	714-979-0340
Contact Email:	RECALDEFOOT@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11100 WARNER AVE STE 306
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DANIEL RECALDE DPM
Owner Type:	Other
Operator Name:	DANIEL RECALDE DPM
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DANIEL RECALDE DPM INC OC ADVANCED FOOT CARE (Continued) **1024860822**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:36:13.0
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:	DANIEL RECALDE DPM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11100 WARNER AVE STE 306
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-0313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL RECALDE DPM
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11100 WARNER AVE STE 306
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-0313
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DANIEL RECALDE DPM INC OC ADVANCED FOOT CARE (Continued) **1024860822**

Historic Generators:

Receive Date:	2017-07-19 00:00:00.0
Handler Name:	DANIEL RECALDE DPM INC OC ADVANCED FOOT CARE
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

C40 **ROBERT A DEVEREAUX MD INC** **RCRA NonGen / NLR** **1024791546**
SSE **11100 WARNER AVE, #100** **CAL000106915**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.072 mi.
378 ft. **Site 7 of 11 in cluster C**

Relative: **Lower**

Actual: **40 ft.**

RCRA Listings:

Date Form Received by Agency:	1993-05-14 00:00:00.0
Handler Name:	ROBERT A DEVEREAUX MD INC
Handler Address:	11100 WARNER AVE, #100
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
EPA ID:	CAL000106915
Contact Name:	DOUG WEST
Contact Address:	5581 RENO CIRCLE, #4
Contact City,State,Zip:	HUNTINGTON BEACH, CA 92649-0000
Contact Telephone:	714-926-6992
Contact Fax:	000-000-0000
Contact Email:	REBECCA.S.DEVEREAUX@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11100 WARNER AVE STE 100
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-7500
Owner Name:	ROBERT A DEVEREAUX MD
Owner Type:	Other
Operator Name:	DOUG WEST
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

ROBERT A DEVEREAUX MD INC (Continued) **1024791546**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:30.0
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:	DOUG WEST
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5581 RENO CIRCLE, #4

ROBERT A DEVEREAUX MD INC (Continued) **1024791546**

Owner/Operator City,State,Zip:	HUNTINGTON BEACH, CA 92649-0000
Owner/Operator Telephone:	714-926-6992
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROBERT A DEVEREAUX MD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11100 WARNER AVE STE 100
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-7500
Owner/Operator Telephone:	714-957-9389
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-05-14 00:00:00.0
Handler Name:	ROBERT A DEVEREAUX MD 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

C41 **RICHY AGAJANIAN MD A PROFESSIONAL CORPORATION DBA** **RCRA NonGen / NLR** **1025873694**
SSE **11100 WARNER AVE STE 214** **CAL000446821**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.072 mi.
378 ft. **Site 8 of 11 in cluster C**

Relative: **Lower**

Actual: **40 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-06-21 00:00:00.0
Handler Name:	RICHY AGAJANIAN MD A PROFESSIONAL CORPORATION DBA
Handler Address:	11100 WARNER AVE STE 214
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000446821
Contact Name:	MARK HUEPPELSHEUSER
Contact Address:	18000 STUDEBAKER RD STE 800
Contact City,State,Zip:	CERRITOS, CA 90703
Contact Telephone:	562-735-3226
Contact Fax:	562-334-1568
Contact Email:	MARKHUEPPELSHEUSER@THEONCOLOGYINSTITUTE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

RICHY AGAJANIAN MD A PROFESSIONAL CORPORATION DBA (Continued) **1025873694**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	18000 STUDEBAKER RD STE 800
Mailing City,State,Zip:	CERRITOS, CA 90703
Owner Name:	RICHY AGAJANIAN MD A PROFESSIONAL CORP
Owner Type:	Other
Operator Name:	MARK HUEPPELSHEUSER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

RICHY AGAJANIAN MD A PROFESSIONAL CORPORATION DBA (Continued) **1025873694**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:13:55.0
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:	RICHY AGAJANIAN MD A PROFESSIONAL CORP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	18000 STUDEBAKER RD STE 800
Owner/Operator City,State,Zip:	CERRITOS, CA 90703
Owner/Operator Telephone:	562-735-3226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARK HUEPPELSHEUSER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	18000 STUDEBAKER RD STE 800
Owner/Operator City,State,Zip:	CERRITOS, CA 90703
Owner/Operator Telephone:	562-735-3226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-21 00:00:00.0
Handler Name:	RICHY AGAJANIAN MD A PROFESSIONAL CORPORATION DBA
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

C42 **CLEANER & LAUNDRY INC** **EDR Hist Cleaner** **1018664559**
SE **11073 WARNER AVE** **N/A**
< 1/8 **FOUNTAIN VLY, CA 92708**
0.072 mi.
379 ft. **Site 9 of 11 in cluster C**

Relative: EDR Hist Cleaner
Lower

Actual:
41 ft.

Year:	Name:	Type:
1980	CLEANER & LAUNDRY INC	Garment Pressing And Cleaners' Agents
1982	CLEANER & LAUNDRY INC	Drycleaning Plants, Except Rugs
1983	CLEANER & LAUNDRY INC	Drycleaning Plants, Except Rugs
1985	CLEANER & LAUNDRY INC	Drycleaning Plants, Except Rugs
1986	CLEANER & LAUNDRY INC	Drycleaning Plants, Except Rugs
1987	CLEANER & LAUNDRY INC	Drycleaning Plants, Except Rugs
1988	CLEANER & LAUNDRY INC	Garment Pressing And Cleaners' Agents
1989	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1990	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1991	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1992	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1993	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1994	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1995	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1996	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1997	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1998	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
1999	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2000	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2001	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2002	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2003	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2004	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2005	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2006	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2007	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2008	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2009	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2010	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2011	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2012	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2013	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents
2014	CLEANER & LAUNDRY INC	Laundry And Drycleaner Agents

C43 **STATER BROS MARKETS #77 FOUNTAIN VALLEY** **RCRA NonGen / NLR** **1024822397**
SE **11085 WARNER AVE** **CAL000340393**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.076 mi.
400 ft. **Site 10 of 11 in cluster C**

Relative: RCRA Listings:
Lower

Actual:
41 ft.

Date Form Received by Agency:	2009-02-05 00:00:00.0
Handler Name:	STATER BROS MARKETS #77 FOUNTAIN VALLEY
Handler Address:	11085 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000340393
Contact Name:	CHERYL SKALICKY
Contact Address:	301 S. TIPPECANOE AVE.
Contact City,State,Zip:	SAN BERNARDINO, CA 92408
Contact Telephone:	909-733-5288
Contact Fax:	909-733-4288

STATER BROS MARKETS #77 FOUNTAIN VALLEY (Continued) **1024822397**

Contact Email:	CHERYL.SKALICKY@STATERBROS.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 150
Mailing City,State,Zip:	SAN BERNARDINO, CA 92402-0000
Owner Name:	STATER BROS MARKETS
Owner Type:	Other
Operator Name:	CHERYL SKALICKY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A

STATER BROS MARKETS #77 FOUNTAIN VALLEY (Continued) **1024822397**

Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:04.0
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:	STATER BROS MARKETS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	301 S TIPPECANOE AVE
Owner/Operator City,State,Zip:	SAN BERNARDINO, CA 92408-0121
Owner/Operator Telephone:	909-733-5000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHERYL SKALICKY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	301 S. TIPPECANOE AVE.
Owner/Operator City,State,Zip:	SAN BERNARDINO, CA 92408
Owner/Operator Telephone:	909-733-5288
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-02-05 00:00:00.0
Handler Name:	STATER BROS MARKETS #77 FOUNTAIN VALLEY
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

C44 **STATER BROS. MARKETS 077** **CERS HAZ WASTE** **S123522141**
SE **11085 WARNER AVENUE** **CERS** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.076 mi.
400 ft. **Site 11 of 11 in cluster C**

Relative:
Lower

Actual:
41 ft.

CERS HAZ WASTE:
Name: STATER BROS. MARKETS 077
Address: 11085 WARNER AVENUE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 443385
CERS ID: 10772572
CERS Description: Hazardous Waste Generator

CERS:
Name: STATER BROS. MARKETS 077
Address: 11085 WARNER AVENUE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 443385
CERS ID: 10772572
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 443385
Site Name: Stater Bros. Markets 077
Violation Date: 01-14-2016
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 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 01/14/2016. One 5-gallon container of oxidizer waste was not labeled with the accumulation start date and one 5-gallon container labeled as caustic was not labeled with the contents. These containers were labeled with the required information during the inspection. This violation was corrected during the inspection. No further corrective action is required.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fountain Valley Fire
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HW

STATER BROS. MARKETS 077 (Continued) **S123522141**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-23-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-03-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No Violations
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-16-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On site for a routine hazardous waste inspection. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Facility has not shipped any hazardous wastes in the last 3 years. Current hazardous waste inventory is less than 220lbs. Hazardous waste inventory log and amount observed on site matches. Employees are reported to be trained. Emergency plan is available for review on site. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENTS On site for routine hazardous waste inspection. Consent to enter and inspect was given by Chris Thayer. Observed the facility and inspected hazardous waste storage. The containers are stored closed. One container of oxizider waste was not labeled with the accumulation start date and one container labeled as caustic was not labeled with the contents. These containers were labeled with the required information during the inspection. No evidence of hazardous waste spillage or runoff was observed. The facility has not yet hauled hazardous waste. When waste is hauled, please maintain the hazardous waste manifests for at least three years and make them available for review during inspections. Emergency plan was updated during the inspection.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

STATER BROS. MARKETS 077 (Continued) **S123522141**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fountain Valley Fire
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Chris Ramirez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 11085 Warner Avenue
Affiliation City: Fountain Valley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92708
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Chris Ramirez
Entity Title: Not reported
Affiliation Address: P O BOX 150
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92408
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Stater Bros Market
Entity Title: Not reported
Affiliation Address: P O BOX 150
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92408
Affiliation Phone: (909) 733-5000

Affiliation Type Desc: Identification Signer
Entity Name: Chris Ramirez
Entity Title: Supervisor of Support Services
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

STATER BROS. MARKETS 077 (Continued) **S123522141**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Stater Bros. Markets
Entity Title: Not reported
Affiliation Address: P.O. Box 150
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92408
Affiliation Phone: (909) 733-5000

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406

Affiliation Type Desc: Operator
Entity Name: Stater Bros. Markets 077
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (909) 733-5000

Affiliation Type Desc: Parent Corporation
Entity Name: Stater Bros. Markets
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

J45 **CENTURY CLEANERS** **DRYCLEANERS** **S121465100**
NE **5127 W EDINGER AVE** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.076 mi.
402 ft. **Site 1 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

DRYCLEANERS:
Name: CENTURY CLEANERS
Address: 5127 W EDINGER AVE
City,State,Zip: SANTA ANA, CA 927040000
EPA Id: CAD981990252
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211

CENTURY CLEANERS (Continued) **S121465100**

SIC Description:	Power Laundries, Family and Commercial
Create Date:	07/03/1987
Facility Active:	No
Inactive Date:	06/30/2016
Facility Addr2:	Not reported
Owner Name:	HIEU NGUYEN
Owner Address:	5127 W EDINGER AVE
Owner Address 2:	Not reported
Owner Telephone:	7148391921
Contact Name:	HENRY NGUYEN
Contact Address:	5127 W EDINGER AVE
Contact Address 2:	Not reported
Contact Telephone:	7148391921
Mailing Name:	Not reported
Mailing Address 1:	5127 W EDINGER AVE
Mailing Address 2:	Not reported
Mailing City:	SANTA ANA
Mailing State:	CA
Mailing Zip:	927040000
Owner Fax:	Not reported
Region Code:	4

J46 **VALLEY PLAZA CLEANERS** **DRYCLEANERS** **S121695823**
NE **5127 W EDINGER AVE** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.076 mi.
402 ft. **Site 2 of 12 in cluster J**

Relative:
Higher

Actual:
54 ft.

DRYCLEAN SOUTH COAST:

Name:	VALLEY PLAZA CLEANERS
Address:	5127 W EDINGER AVE
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	1466
Application Number:	10468A
Permit Number:	M30439
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	413.5
UTM North:	3732.5

Name:	VALLEY PLAZA CLEANERS
Address:	5127 W EDINGER AVE
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	1466
Application Number:	06823A
Permit Number:	S05650
Status:	O
Representative Name:	Not reported
Representative Telephone:	Not reported
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE

VALLEY PLAZA CLEANERS (Continued) **S121695823**

CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	413.5
UTM North:	3732.5

J47 **VALLEY 1 HR PHOTO AND STUDIO** **RCRA-SQG** **1000819145**
NE **5127 W EDINGER STE F** **FINDS** **CAD983651134**
< 1/8 **SANTA ANA, CA 92704** **ECHO**
0.076 mi. **EMI**
402 ft. **Site 3 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

RCRA Listings:

Date Form Received by Agency:	1992-10-27 00:00:00.0
Handler Name:	VALLEY 1 HR PHOTO AND STUDIO
Handler Address:	5127 W EDINGER STE F
Handler City,State,Zip:	SANTA ANA, CA 92704
EPA ID:	CAD983651134
Contact Name:	CONNIE CHHUN
Contact Address:	5127 W EDINGER STE F
Contact City,State,Zip:	SANTA ANA, CA 92704
Contact Telephone:	714-775-4108
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:	5127 W EDINGER STE F
Mailing City,State,Zip:	SANTA ANA, CA 92704
Owner Name:	CONNIE CHHUN
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

VALLEY 1 HR PHOTO AND STUDIO (Continued) **1000819145**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONNIE CHHUN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16350 HARBOR NO 1408
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-531-8352
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-10-27 00:00:00.0
Handler Name:	VALLEY 1 HR PHOTO AND STUDIO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported

VALLEY 1 HR PHOTO AND STUDIO (Continued) **1000819145**

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

FINDS:
Registry ID: 110002886495

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000819145
Registry ID:	110002886495
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002886495
Name:	VALLEY 1 HR PHOTO AND STUDIO
Address:	5127 W EDINGER STE F
City,State,Zip:	SANTA ANA, CA 92704

EMI:

Name:	VALLEY PLAZA CLEANERS, JUNG RA
Address:	5127 W EDINGER
City,State,Zip:	SANTA ANA, CA 927040000
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	44705
Air District Name:	SC
SIC Code:	7216
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	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

J48 **VALLEY PLAZA CLEANERS** **DRYCLEANERS** **S121697884**
NE **5127 W EDINGER** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.076 mi.
402 ft. **Site 4 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

DRYCLEAN SOUTH COAST:

Name:	VALLEY PLAZA CLEANERS
Address:	5127 W EDINGER
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	44705
Application Number:	124165
Permit Number:	M40703
Status:	S
Representative Name:	JUNG R SOHN
Representative Telephone:	714 8391921
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	0
UTM North:	0

I49 **DONALD POE** **RCRA NonGen / NLR** **1026042076**
NNW **10445 MORNING GLORY AVE** **CAC003048263**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.080 mi.
420 ft. **Site 3 of 3 in cluster I**

Relative: **Lower**
Actual: **46 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-12-23 00:00:00.0
Handler Name:	DONALD POE
Handler Address:	10445 MORNING GLORY AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1136
EPA ID:	CAC003048263
Contact Name:	DONALD POE
Contact Address:	10445 MORNING GLORY AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1136
Contact Telephone:	714-501-3424
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@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
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10445 MORNING GLORY AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1136
Owner Name:	DONALD POE
Owner Type:	Other
Operator Name:	DONALD POE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No

DONALD POE (Continued) **1026042076**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:51:43.0
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

DONALD POE (Continued) **1026042076**

Owner/Operator Name:	DONALD POE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10445 MORNING GLORY AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1136
Owner/Operator Telephone:	714-501-3424
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DONALD POE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10445 MORNING GLORY AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1136
Owner/Operator Telephone:	714-501-3424
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-12-23 00:00:00.0
Handler Name:	DONALD POE
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

F50 **DAVID DECKER** **RCRA NonGen / NLR** **1025832385**
NNE **10835 POLY CT** **CAC003011950**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.080 mi.
425 ft. **Site 3 of 3 in cluster F**

Relative:
Higher

Actual:
52 ft.

RCRA Listings:

Date Form Received by Agency:	2019-04-25 00:00:00.0
Handler Name:	DAVID DECKER
Handler Address:	10835 POLY CT
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003011950
Contact Name:	DAVID DECKER
Contact Address:	10835 POLY CT
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-334-7072
Contact Fax:	Not reported
Contact Email:	MANIFEST.SIRRIS@GMAIL.COM

DAVID DECKER (Continued) **1025832385**

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:	10835 POLY CT
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DAVID DECKER
Owner Type:	Other
Operator Name:	DAVID DECKER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

DAVID DECKER (Continued) **1025832385**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:06.0
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:	DAVID DECKER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10835 POLY CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-334-7072
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID DECKER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10835 POLY CT
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-334-7072
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-04-25 00:00:00.0
Handler Name:	DAVID DECKER
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

K51 **DAVID L BAKER MEM GOLF COURSE** **UST** **U003432953**
NNW **10410 EDINGER AVE** **SWEEPS UST** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.080 mi.
425 ft. **Site 1 of 4 in cluster K**

Relative:
Lower

Actual:
46 ft.

UST:

Name:	DAVID L BAKER MEM GOLF COURSE
Address:	10410 EDINGER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	9993
Permitting Agency:	ORANGE COUNTY
Latitude:	33.73058
Longitude:	-117.94746

SWEEPS UST:

Name:	DAVID L BAKER MEM GOLF COURSE
Address:	10410 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	9993
Number:	9
Board Of Equalization:	44-016795
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-009993-000001
Tank Status:	A
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	2

Name:	DAVID L BAKER MEM GOLF COURSE
Address:	10410 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	9993
Number:	9
Board Of Equalization:	44-016795
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-009993-000002
Tank Status:	A
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

K52 **DAVID L BAKER MEMORIAL GOLF COURSE** **RCRA NonGen / NLR** **1024820785**
NNW **10410 EDINGER AVE** **CAL000334907**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.080 mi.
425 ft. **Site 2 of 4 in cluster K**

Relative:
Lower

Actual:
46 ft.

RCRA Listings:

Date Form Received by Agency:	2008-07-29 00:00:00.0
Handler Name:	DAVID L BAKER MEMORIAL GOLF COURSE
Handler Address:	10410 EDINGER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
EPA ID:	CAL000334907
Contact Name:	BEN RANDALL
Contact Address:	5572 RENO CIR #4
Contact City,State,Zip:	HUNTINGTON BEACH, CA 92649-0000
Contact Telephone:	562-381-5998
Contact Fax:	714-531-2478
Contact Email:	BRANDALL@ARCISGOLF.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:	10410 EDINGER AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-0000
Owner Name:	EVERGREEN ALLIANCE GOLF LIMITED LP
Owner Type:	Other
Operator Name:	BEN RANDALL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DAVID L BAKER MEMORIAL GOLF COURSE (Continued) **1024820785**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:32.0
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:	EVERGREEN ALLIANCE GOLF LIMITED LP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4851 LYNDON B JOHNSON FWY STE 600
Owner/Operator City,State,Zip:	DALLAS, TX 75244-6036
Owner/Operator Telephone:	214-722-6000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BEN RANDALL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5572 RENO CIR #4
Owner/Operator City,State,Zip:	HUNTINGTON BEACH, CA 92649-0000
Owner/Operator Telephone:	562-381-5998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DAVID L BAKER MEMORIAL GOLF COURSE (Continued) **1024820785**

Historic Generators:

Receive Date:	2008-07-29 00:00:00.0
Handler Name:	DAVID L BAKER MEMORIAL GOLF COURSE
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

K53 **DAVID L. BAKER GOLF COURSE** **LUST** **U001742725**
NNW **10410 EDINGER AVE.** **CERS HAZ WASTE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708** **CERS TANKS**
0.080 mi. **CA FID UST**
425 ft. **Site 3 of 4 in cluster K** **Cortese**
CERS

Relative:
Lower

Actual:
46 ft.

LUST:

Name:	DAVID L. BAKER GOLF COURSE
Address:	10410 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605964297
Global Id:	T0605964297
Latitude:	33.730574
Longitude:	-117.947464
Status:	Completed - Case Closed
Status Date:	07/12/2004
Case Worker:	TE
RB Case Number:	Not reported
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	03UT030
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0605964297
Contact Type:	Regional Board Caseworker
Contact Name:	Ken Williams
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	ken.williams@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0605964297
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605964297
Action Type: Other
Date: 07/10/2003
Action: Leak Discovery

Global Id: T0605964297
Action Type: ENFORCEMENT
Date: 07/21/2003
Action: Notice of Responsibility

Global Id: T0605964297
Action Type: REMEDIATION
Date: 11/12/2003
Action: Excavation

Global Id: T0605964297
Action Type: ENFORCEMENT
Date: 07/12/2004
Action: Closure/No Further Action Letter

Global Id: T0605964297
Action Type: ENFORCEMENT
Date: 04/30/2004
Action: LOP Case Closure Summary to RB

Global Id: T0605964297
Action Type: Other
Date: 07/10/2003
Action: Leak Reported

Global Id: T0605964297
Action Type: RESPONSE
Date: 10/20/2003
Action: Preliminary Site Assessment Workplan

LUST:
Global Id: T0605964297
Status: Open - Case Begin Date
Status Date: 07/10/2003

Global Id: T0605964297
Status: Open - Site Assessment
Status Date: 07/10/2003

Global Id: T0605964297
Status: Completed - Case Closed
Status Date: 07/12/2004

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

LUST REG 8:

Name:	DAVID L. BAKER GOLF COURSE
Address:	10410 EDINGER AVE.
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	03UT030
Case Type:	Undefined
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Tank
Global ID:	T0605964297
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	7/10/2003
Enforcement Date:	Not reported
Close Date:	7/12/2004
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	7/10/2003
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	ND
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	0
Longitude:	0
MTBE Date:	2/12/2004
Max MTBE GW:	0
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	Not reported
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

ORANGE CO. LUST:
Name: DAVID L. BAKER GOLF COURSE
Address: 10410 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 03UT030
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 07/12/2004
Record ID: RO0003214

CERS HAZ WASTE:
Name: DAVID L BAKER MEM GOLF COURSE
Address: 10410 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 434218
CERS ID: 10512748
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: DAVID L BAKER MEM GOLF COURSE
Address: 10410 EDINGER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 434218
CERS ID: 10512748
CERS Description: Aboveground Petroleum Storage

CA FID UST:
Facility ID: 30013347
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145311016
Mail To: Not reported
Mailing Address: AMERICAN GOLF CORP 1 ST
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
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: DAVID L. BAKER GOLF COURSE
Address: 10410 EDINGER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Envirostor Id: Not reported

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Global ID:	T0605964297
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	DAVID L BAKER MEM GOLF COURSE
Address:	10410 EDINGER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	434218
CERS ID:	10512748
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-22-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-14-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Needs to provide signage
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-07-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	innactive
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Coordinates:

Site ID:	434218
Facility Name:	DAVID L BAKER MEM GOLF COURSE
Env Int Type Code:	APSA
Program ID:	10512748
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.730480
Longitude:	-117.949280

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Arcis Golf
Entity Title:	Not reported
Affiliation Address:	4851 Lyndon B Johnson Fwy, Suitw 600
Affiliation City:	Dallas
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75244
Affiliation Phone:	(214) 722-6000

Affiliation Type Desc:	Operator
Entity Name:	Derek Uyesaka
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:	(805) 252-2278

Affiliation Type Desc:	Parent Corporation
Entity Name:	DAVID L BAKER MEM GOLF COURSE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Ben Randall
Entity Title:	Not reported
Affiliation Address:	10410 Edinger Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	10410 Edinger Ave
Affiliation City:	Fountain Valley

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92708
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Ben Randall
Entity Title: Superintendent
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Arcis Golf
Entity Title: Not reported
Affiliation Address: 4851 Lyndon B Johnson Fwy, Suite 600
Affiliation City: Dallas
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75244
Affiliation Phone: (214) 722-6000

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406

Affiliation Type Desc: Document Preparer
Entity Name: Ben Randall
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DAVID L. BAKER GOLF COURSE
Address: 10410 EDINGER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 209804
CERS ID: T0605964297
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120

DAVID L. BAKER GOLF COURSE (Continued) **U001742725**

Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Ken Williams - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

K54 **AST** **A100323559**
NNW **10410 EDINGER AVE** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA**
0.080 mi.
425 ft. **Site 4 of 4 in cluster K**

Relative: AST:
Lower

Actual:
46 ft.

Name:	Not reported
Address:	10410 EDINGER AVE
City/Zip:	FOUNTAIN VALLEY,
Certified Unified Program Agencies:	Orange
Owner:	DAVID L BAKER MEMORIAL GOLF COURSE
Total Gallons:	1,320
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

G55 **TERRY CHIU** **RCRA NonGen / NLR** **1025842244**
SE **11081 SUDITH AVE** **CAC003021852**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.085 mi.
449 ft. **Site 4 of 4 in cluster G**

Relative: **Lower**

Actual: **42 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-06-28 00:00:00.0
Handler Name:	TERRY CHIU
Handler Address:	11081 SUDITH AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003021852
Contact Name:	TERRY CHIU
Contact Address:	11081 SUDITH AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	949-533-0917
Contact Fax:	Not reported
Contact Email:	ERNIE@SIRRIS.BIZ
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:	11081 SUDITH AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	TERRY CHIU
Owner Type:	Other
Operator Name:	TERRY CHIU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

TERRY CHIU (Continued) **1025842244**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:12:02.0
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:	TERRY CHIU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11081 SUDITH AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	949-533-0917
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY CHIU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11081 SUDITH AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	949-533-0917
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TERRY CHIU (Continued) **1025842244**

Historic Generators:

Receive Date:	2019-06-28 00:00:00.0
Handler Name:	TERRY CHIU
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

J56 **CENTURY CLEANERS** **DRYCLEANERS** **S121695037**
NE **5015 W EDINGER #C** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.096 mi.
507 ft. **Site 5 of 12 in cluster J**

Relative:
Higher

Actual:
54 ft.

DRYCLEAN SOUTH COAST:

Name:	CENTURY CLEANERS
Address:	5015 W EDINGER #C
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	133075
Application Number:	403159
Permit Number:	F53209
Status:	A
Representative Name:	HIEU NGUYEN
Representative Telephone:	714 8391921
Permit Status:	INACT_NR
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	0
UTM North:	0

J57 **VALLEY PLAZA CLEANERS** **DRYCLEANERS** **S121693270**
NE **5015 W EDINGER AVE #C** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.096 mi.
507 ft. **Site 6 of 12 in cluster J**

Relative:
Higher

Actual:
54 ft.

DRYCLEAN SOUTH COAST:

Name:	VALLEY PLAZA CLEANERS
Address:	5015 W EDINGER AVE #C
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	100555
Application Number:	291266
Permit Number:	D81818
Status:	O
Representative Name:	GLORIA BUI
Representative Telephone:	714 8391921

VALLEY PLAZA CLEANERS (Continued) **S121693270**

Permit Status:	INACT_NR
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	413.5
UTM North:	3732.5

J58 **VALLEY PLAZA CLEANERS** **EDR Hist Cleaner** **1018836654**
NE **5015 W EDINGER AVE** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.096 mi.
507 ft. **Site 7 of 12 in cluster J**

Relative: EDR Hist Cleaner
Higher

Actual: **54 ft.**

Year:	Name:	Type:
1998	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
1999	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2000	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2001	ONE STOP CLEANERS	Drycleaning Plants, Except Rugs, NEC
2001	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2002	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2002	ONE STOP CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	ONE STOP CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2004	ONE STOP CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	VALLEY PLAZA CLEANERS	Coin-Operated Laundries And Cleaning, NEC
2010	CENTURY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2011	CENTURY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2012	CENTURY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2013	CENTURY CLEANERS	Drycleaning Plants, Except Rugs, NEC
2014	CENTURY CLEANERS	Drycleaning Plants, Except Rugs, NEC

J59 **CENTURY CLEANERS** **RCRA-VSQG** **1001967443**
NE **5015 W EDINGER UNIT C** **FINDS** **CAR000069088**
< 1/8 **SANTA ANA, CA 92704** **ECHO**
0.096 mi.
507 ft. **Site 8 of 12 in cluster J**

Relative: RCRA Listings:
Higher

Actual: **54 ft.**

Date Form Received by Agency:	2017-07-12 00:00:00.0
Handler Name:	CENTURY CLEANERS
Handler Address:	5015 W EDINGER AVE STE C
Handler City,State,Zip:	SANTA ANA, CA 92704
EPA ID:	CAR000069088
Contact Name:	HENRY TRAN
Contact Address:	FINCHLEY AVE
Contact City,State,Zip:	WESTMINSTER, CA 92683
Contact Telephone:	714-839-1921
Contact Fax:	Not reported
Contact Email:	HVNGUYEN1226@GMAIL.COM
Contact Title:	MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

CENTURY CLEANERS (Continued) **1001967443**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	W EDINGER AVE STE C
Mailing City,State,Zip:	SANTA ANA, CA 92704
Owner Name:	KEVIN THANH LE
Owner Type:	Private
Operator Name:	HENRY TRAN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CENTURY CLEANERS (Continued) **1001967443**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-08-11 14:35:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HIEU NGUYEN
Legal Status:	Private
Date Became Current:	2001-08-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	15551 ASHLEY AVE
Owner/Operator City,State,Zip:	WESTMINSTER, CA 92683
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:	HENRY TRAN
Legal Status:	Private
Date Became Current:	2001-09-01 00:00:00.
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:	KEVIN THANH LE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5015 W EDINGER UNIT C
Owner/Operator City,State,Zip:	SANTA ANA, CA 92704
Owner/Operator Telephone:	714-839-1921
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN THANH LE
Legal Status:	Private

CENTURY CLEANERS (Continued) **1001967443**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5015 W EDINGER UNIT C
Owner/Operator City,State,Zip:	SANTA ANA, CA 92704
Owner/Operator Telephone:	714-839-1921
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-03-30 00:00:00.0
Handler Name:	KEVIN THANH LE
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:	2017-07-12 00:00:00.0
Handler Name:	CENTURY CLEANERS
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

FINDS:
Registry ID: 110002934488

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CENTURY CLEANERS (Continued) **1001967443**

ECHO:
Envid: 1001967443
Registry ID: 110002934488
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002934488
Name: CENTURY CLEANERS
Address: 5015 W EDINGER UNIT C
City,State,Zip: SANTA ANA, CA 92704

J60 **CENTURY CLEANERS** **CERS HAZ WASTE** **S113011559**
NE **5015 W EDINGER AVE STE C** **HAZNET** **N/A**
< 1/8 **SANTA ANA, CA 92704** **CERS**
0.096 mi.
507 ft. **Site 9 of 12 in cluster J**

Relative:
Higher

Actual:
54 ft.

CERS HAZ WASTE:
Name: CENTURY CLEANERS
Address: 5015 W EDINGER AVE STE C
City,State,Zip: SANTA ANA, CA 92704
Site ID: 445115
CERS ID: 10518790
CERS Description: Hazardous Waste Generator

HAZNET:
Name: CENTURY CLEANERS
Address: 5015 W EDINGER AVE STE C
Address 2: Not reported
City,State,Zip: SANTA ANA, CA 927040000
Contact: HIEU NGUYEN
Telephone: 7148391921
Mailing Name: Not reported
Mailing Address: 5015 W EDINGER AVE STE C

Year: 2008
Gepaid: CAD981990252
TSD EPA ID: CAD008302903
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H020 - Solvents Recovery
Tons: 0.22935

Year: 2008
Gepaid: CAD981990252
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: -
Tons: Not reported

Year: 2008
Gepaid: CAD981990252
TSD EPA ID: CAD008302903
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: -
Tons: Not reported

Year: 2007
Gepaid: CAD981990252
TSD EPA ID: NVR000076158

CENTURY CLEANERS (Continued) **S113011559**

CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H020 - Solvents Recovery
Tons: Not reported

Year: 2007
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H020 - Solvents Recovery
Tons: Not reported

Year: 2007
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H020 - Solvents Recovery
Tons: 0.50435

Year: 2006
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: Not reported

Year: 2006
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: R01 - Recycler
Tons: Not reported

Year: 2006
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.4587

Year: 2005
Gepaid: CAD981990252
TSD EPA ID: NVR000076158
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: -
Tons: 0.275

Click this hyperlink while viewing on your computer to access
19 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2007

CENTURY CLEANERS (Continued) **S113011559**

Gen EPA ID:	CAD981990252
Shipment Date:	20070625
Creation Date:	2/5/2008 18:30:06
Receipt Date:	20070628
Manifest ID:	000271447GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070625
Creation Date:	2/5/2008 18:30:06
Receipt Date:	20070628
Manifest ID:	000271447GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
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:	20070625
Creation Date:	2/5/2008 18:30:06
Receipt Date:	20070628
Manifest ID:	000271447GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES

CENTURY CLEANERS (Continued) **S113011559**

Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070625
Creation Date:	2/5/2008 18:30:06
Receipt Date:	20070628
Manifest ID:	000271447GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070108
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070111
Manifest ID:	000237531GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	D039

CENTURY CLEANERS (Continued) **S113011559**

Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070108
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070111
Manifest ID:	000237531GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070108
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070111
Manifest ID:	000237531GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
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

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070108
Creation Date:	12/10/2007 18:30:18
Receipt Date:	20070111
Manifest ID:	000237531GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD981990252
Shipment Date:	20031217
Creation Date:	8/13/2004 7:53:20
Receipt Date:	20031222
Manifest ID:	22928834
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031217

CENTURY CLEANERS (Continued) **S113011559**

Creation Date:	8/13/2004 7:53:20
Receipt Date:	20031222
Manifest ID:	22928834
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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
Shipment Date:	20030424
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030425
Manifest ID:	22625861
Trans EPA ID:	CAR000036921
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030424
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030425
Manifest ID:	22625861
Trans EPA ID:	CAR000036921
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD981990252
Shipment Date:	20041104
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031110
Manifest ID:	22928574
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041104
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031110
Manifest ID:	22928574
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	CAD008302903

CENTURY CLEANERS (Continued) **S113011559**

TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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
Shipment Date:	20040820
Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040901
Manifest ID:	23622460
Trans EPA ID:	CAR000063921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040820
Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040901
Manifest ID:	23622460
Trans EPA ID:	CAR000063921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	Not reported
Quantity Unit:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040820
Creation Date:	12/28/2004 14:47:40
Receipt Date:	20040901
Manifest ID:	23622460
Trans EPA ID:	CAR000063921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD981990252
Shipment Date:	20020822
Creation Date:	1/28/2003 18:30:41
Receipt Date:	20020903
Manifest ID:	21924985
Trans EPA ID:	CAR000036921
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 5:	Not reported
Shipment Date:	20020822
Creation Date:	1/28/2003 18:30:41
Receipt Date:	20020903
Manifest ID:	21924985
Trans EPA ID:	CAR000036921
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.18765
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:	20020822
Creation Date:	1/28/2003 18:30:41
Receipt Date:	20020903
Manifest ID:	21924985
Trans EPA ID:	CAR000036921
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020311
Creation Date:	7/22/2002 18:31:22
Receipt Date:	20020320
Manifest ID:	21605429
Trans EPA ID:	CAR000095927
Trans Name:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.30024
Waste Quantity:	72
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020311
Creation Date:	7/22/2002 18:31:22
Receipt Date:	20020320
Manifest ID:	21605429
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020311
Creation Date:	7/22/2002 18:31:22
Receipt Date:	20020320
Manifest ID:	21605429
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

CENTURY CLEANERS (Continued) **S113011559**

RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAD981990252
Shipment Date:	20060706
Creation Date:	9/27/2006 18:35:31
Receipt Date:	20060710
Manifest ID:	24996753
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060706
Creation Date:	9/27/2006 18:35:31
Receipt Date:	20060710
Manifest ID:	24996753
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060706
Creation Date:	9/27/2006 18:35:31
Receipt Date:	20060710
Manifest ID:	24996753
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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:	20060706
Creation Date:	9/27/2006 18:35:31
Receipt Date:	20060710
Manifest ID:	24996753
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060127
Creation Date:	5/27/2006 18:31:40

CENTURY CLEANERS (Continued) **S113011559**

Receipt Date:	20060130
Manifest ID:	24800424
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060127
Creation Date:	5/27/2006 18:31:40
Receipt Date:	20060130
Manifest ID:	24800424
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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:	20060127
Creation Date:	5/27/2006 18:31:40
Receipt Date:	20060130
Manifest ID:	24800424
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC

CENTURY CLEANERS (Continued) **S113011559**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060127
Creation Date:	5/27/2006 18:31:40
Receipt Date:	20060130
Manifest ID:	24800424
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD981990252

Shipment Date:	20050722
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050728
Manifest ID:	24550130
Trans EPA ID:	CAR000036921
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

CENTURY CLEANERS (Continued) **S113011559**

Meth Code:	R01 - Recycler
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:	20050722
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050728
Manifest ID:	24550130
Trans EPA ID:	CAR000036921
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	D039
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050722
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050728
Manifest ID:	24550130
Trans EPA ID:	CAR000036921
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Shipment Date:	20050722
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050728
Manifest ID:	24550130
Trans EPA ID:	CAR000036921
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050111
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050118
Manifest ID:	24186078
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050111
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050118
Manifest ID:	24186078
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983

CENTURY CLEANERS (Continued) **S113011559**

Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050111
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050118
Manifest ID:	24186078
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT 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:	D039
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050111
Creation Date:	4/3/2005 18:31:55
Receipt Date:	20050118
Manifest ID:	24186078
Trans EPA ID:	CAR000036921
Trans Name:	CONSOLIDATED WESTERN
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	NA
Meth Code:	- Not reported

CENTURY CLEANERS (Continued) **S113011559**

Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD981990252
Shipment Date:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951026
Manifest ID:	95942988
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
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:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951026
Manifest ID:	95942988
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAD981990252
Shipment Date:	20080820
Creation Date:	10/10/2008 18:30:18
Receipt Date:	20080825
Manifest ID:	000403693GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080820
Creation Date:	10/10/2008 18:30:18
Receipt Date:	20080825
Manifest ID:	000403693GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CENTURY CLEANERS (Continued) **S113011559**

Additional Code 5:	Not reported
Shipment Date:	20080820
Creation Date:	10/10/2008 18:30:18
Receipt Date:	20080825
Manifest ID:	000403693GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D039
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080820
Creation Date:	10/10/2008 18:30:18
Receipt Date:	20080825
Manifest ID:	000403693GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD981990252
Shipment Date:	19970519
Creation Date:	12/4/1997 0:00:00

CENTURY CLEANERS (Continued) **S113011559**

Receipt Date:	19970520
Manifest ID:	96837988
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
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:	19970519
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970520
Manifest ID:	96837988
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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

CERS:

Name:	CENTURY CLEANERS
Address:	5015 W EDINGER AVE STE C
City,State,Zip:	SANTA ANA, CA 92704
Site ID:	445115
CERS ID:	10518790
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	445115

CENTURY CLEANERS (Continued) **S113011559**

Site Name: CENTURY CLEANERS
Violation Date: 11-06-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/06/2018. No HMBEP has been submitted. Assisted with submission on site. Violation has been abated.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS Facility inspection conducted with Tony Nguyen, Manager. Chemicals observed on this date were: - DF2000 Aliphatic Hydrocarbon No HMBEP has been submitted. Assisted with CERS on site. Violation was abated. Reviewed BEP and the site map with the business. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: FA0028937 Century Cleaners, 5015 W Edinger Ave, Suite C, Santa Ana 92704 INSPECTOR COMMENTS On site for routine hazardous materials and business emergency plan inspection. The inspection was conducted with Tony Nguyen. Observed the facility and inspected hazardous materials storage. The following material was observed in an amount that meets or exceeds the minimum volumes required for disclosure: - DF2000 Aliphatic Hydrocarbon REQUIREMENT FOR ELECTRONIC SUBMITTAL OF HMBEP DOCUMENTS: This report serves as notice that the facility must submit the following documents electronically within 30 days of this report: - Business Emergency Plan - Hazardous Materials Inventory - Site Map The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on site, please submit revised documents (electronically) within [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS The facility inspection was conducted with Tony Nguyen, Manager. Walked the interior and exterior of the facility to

CENTURY CLEANERS (Continued) **S113011559**

inspect the hazardous wastes storage area and trash dumpster. Observed hazardous waste management practices and documentation including training records, manifests and contingency plan. Provided CERS information for the business. No violation observed on this date.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine hazardous waste inspection. Consent to enter and inspect was given by Tony Nguyen. Observed the facility and inspected hazardous waste storage. The container is stored closed and properly labeled. No evidence of hazardous waste spillage or runoff was observed. Manifests are available for review. Emergency plan was updated during the inspection.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Century Cleaners
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: (714) 839-1921

Affiliation Type Desc: Environmental Contact
Entity Name: Tony Nguyen
Entity Title: Not reported
Affiliation Address: 5015 W EDINGER AVE STE C
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92704
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 5015 W EDINGER AVE STE C
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92704
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: tony nguyen
Entity Title: Not reported
Affiliation Address: Not reported

CENTURY CLEANERS (Continued) **S113011559**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Hieu Nguyen
Entity Title:	Not reported
Affiliation Address:	5015 W EDINGER AVE STE C
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92704
Affiliation Phone:	(714) 839-1921
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Document Preparer
Entity Name:	tony nguyen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Century Cleaners
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

J61 **VALLEY PLAZA CLEANERS** **DRYCLEANERS** **S121699053**
NE **5015 W EDINGER** **N/A**
< 1/8 **SANTA ANA, CA 92707**
0.096 mi.
507 ft. **Site 10 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

DRYCLEAN SOUTH COAST:

Name:	VALLEY PLAZA CLEANERS
Address:	5015 W EDINGER
City,State,Zip:	SANTA ANA, CA 92707
Facility ID:	64351

VALLEY PLAZA CLEANERS (Continued) **S121699053**

Application Number:	179582
Permit Number:	D05603
Status:	O
Representative Name:	HYUNG DAL PARK
Representative Telephone:	714 8391921
Permit Status:	INACTIVE
BCAT Number:	000234
BCAT Description:	DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number:	02
CCAT Description:	ADSORBER (DRY CLEANING) REGENERATIVE
UTM East:	413.5
UTM North:	3732.5

J62 **CENTURY CLEANERS** **DRYCLEANERS** **S121694257**
NE **5015 W EDINGER #C** **N/A**
< 1/8 **SANTA ANA, CA 92704**
0.096 mi.
507 ft. **Site 11 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

DRYCLEAN SOUTH COAST:

Name:	CENTURY CLEANERS
Address:	5015 W EDINGER #C
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	118635
Application Number:	350072
Permit Number:	F19587
Status:	S
Representative Name:	KEVIN THANH LE
Representative Telephone:	714 8391921
Permit Status:	INACTIVE
BCAT Number:	000603
BCAT Description:	DRY CLEANING,DRY-TO-DRY NV,W/ SIC,PERC
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	413.89401245
UTM North:	3732.5170898

J63 **VALLEY PLAZA CLEANERS** **RCRA-SQG** **1000283312**
NE **5127 W EDINGER** **FINDS** **CAD981990252**
< 1/8 **SANTA ANA, CA 92704** **ECHO**
0.096 mi. **DRYCLEANERS**
507 ft. **Site 12 of 12 in cluster J**

Relative: **Higher**
Actual: **54 ft.**

RCRA Listings:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	VALLEY PLAZA CLEANERS
Handler Address:	5127 W EDINGER
Handler City,State,Zip:	SANTA ANA, CA 92704
EPA ID:	CAD981990252
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

VALLEY PLAZA CLEANERS (Continued) **1000283312**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	5127 W EDINGER
Mailing City,State,Zip:	SANTA ANA, CA 92704
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 Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

VALLEY PLAZA CLEANERS (Continued) **1000283312**

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:	2002-06-27 03:31:56.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOHN JUNG RAK
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:	1996-09-01 00:00:00.0
Handler Name:	VALLEY PLAZA CLEANERS
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:	1987-03-25 00:00:00.0
Handler Name:	VALLEY PLAZA CLEANERS

VALLEY PLAZA CLEANERS (Continued) **1000283312**

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

FINDS:
Registry ID: 110009541399

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000283312
Registry ID:	110009541399
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009541399
Name:	VALLEY PLAZA CLEANERS
Address:	5127 W EDINGER
City,State,Zip:	SANTA ANA, CA 92704

DRYCLEAN SOUTH COAST:

Name:	CENTURY CLEANERS
Address:	5015 W EDINGER
City,State,Zip:	SANTA ANA, CA 92704
Facility ID:	180875
Application Number:	578717
Permit Number:	G37792
Status:	A
Representative Name:	HENRY TRAN
Representative Telephone:	714 8391921
Permit Status:	ACTIVE
BCAT Number:	000233
BCAT Description:	DRY CLEANING EQUIP PETROLEUM SOLVENT
CCAT Number:	Not reported
CCAT Description:	Not reported
UTM East:	0
UTM North:	0

DRYCLEANERS:
Name: CENTURY CLEANERS

VALLEY PLAZA CLEANERS (Continued) **1000283312**

Address:	5015 W EDINGER AVE STE C
City,State,Zip:	SANTA ANA, CA 927040000
EPA Id:	CAR000069088
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	06/18/2004
Facility Active:	Yes
Inactive Date:	Not reported
Facility Addr2:	Not reported
Owner Name:	HENRY TRAN
Owner Address:	5015 W EDINGER AVE STE C
Owner Address 2:	Not reported
Owner Telephone:	7148391921
Contact Name:	HENRY TRAN
Contact Address:	5015 W EDINGER AVE STE C
Contact Address 2:	Not reported
Contact Telephone:	7148391921
Mailing Name:	Not reported
Mailing Address 1:	5015 W EDINGER AVE STE C
Mailing Address 2:	Not reported
Mailing City:	SANTA ANA
Mailing State:	CA
Mailing Zip:	927040000
Owner Fax:	Not reported
Region Code:	4

---

64 **ANNEX CLEANERS** **EDR Hist Cleaner** **1019929390**
ENE **16338 MOUNT DANA CIR** **N/A**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.102 mi.
538 ft.

Relative: EDR Hist Cleaner
Higher

Actual:
49 ft.

Year:	Name:	Type:
2002	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2003	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2004	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2005	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2006	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2007	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC
2008	ANNEX CLEANERS	Drycleaning Plants, Except Rugs, NEC

---

65 **ANH DAO TRUONG** **RCRA NonGen / NLR** **1025855611**
ENE **16212 MOUNT CRAIG CIR** **CAC003035888**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.105 mi.
555 ft.

Relative: RCRA Listings:
Higher

Actual:
51 ft.

Date Form Received by Agency:	2019-09-26 00:00:00.0
Handler Name:	ANH DAO TRUONG
Handler Address:	16212 MOUNT CRAIG CIR
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2124

ANH DAO TRUONG (Continued) **1025855611**

EPA ID:	CAC003035888
Contact Name:	ANH DAO TRUONG
Contact Address:	16212 MOUNT CRAIG CIR
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2124
Contact Telephone:	714-552-5542
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	16212 MOUNT CRAIG CIR
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2124
Owner Name:	ANH DAO TRUONG
Owner Type:	Other
Operator Name:	ANH DAO TRUONG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

ANH DAO TRUONG (Continued) **1025855611**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-27 16:23:43.0
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:	ANH DAO TRUONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16212 MOUNT CRAIG CIR
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2124
Owner/Operator Telephone:	714-552-5542
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANH DAO TRUONG
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16212 MOUNT CRAIG CIR
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2124
Owner/Operator Telephone:	714-552-5542
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-09-26 00:00:00.0
Handler Name:	ANH DAO TRUONG
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

ANH DAO TRUONG (Continued) **1025855611**

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

66
ESE
< 1/8
0.113 mi.
596 ft.

ANN HUNTER
11107 LAVENDER AVENUE
FOUNTAIN VALLEY, CA 92708

RCRA NonGen / NLR **1025837204**
CAC003016794

Relative:
Lower

Actual:
44 ft.

RCRA Listings:

Date Form Received by Agency:	2019-05-28 00:00:00.0
Handler Name:	ANN HUNTER
Handler Address:	11107 LAVENDER AVENUE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003016794
Contact Name:	ANN HUNTER
Contact Address:	11107 LAVENDER AVENUE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-839-7885
Contact Fax:	Not reported
Contact Email:	STEVE@CFGINVESTMENTS.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:	11107 LAVENDER AVENUE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	ANN HUNTER
Owner Type:	Other
Operator Name:	ANN HUNTER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

ANN HUNTER (Continued) **1025837204**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 14:19:03.0
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:	ANN HUNTER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11107 LAVENDER AVENUE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-839-7885
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANN HUNTER
Legal Status:	Other

ANN HUNTER (Continued) **1025837204**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11107 LAVENDER AVENUE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-839-7885
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-05-28 00:00:00.0
Handler Name:	ANN HUNTER
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

L67 **VERNA AYER** **RCRA NonGen / NLR** **1026051421**
South **17135 REIMER ST** **CAC003058308**
< 1/8 **FOUNTAIN VALLEY, CA 92708**
0.119 mi.
626 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**

Actual: **36 ft.**

RCRA Listings:

Date Form Received by Agency:	2020-03-02 00:00:00.0
Handler Name:	VERNA AYER
Handler Address:	17135 REIMER ST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3807
EPA ID:	CAC003058308
Contact Name:	VERNA AYER
Contact Address:	17135 REIMER ST
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3807
Contact Telephone:	949-294-7480
Contact Fax:	Not reported
Contact Email:	TAMY@PEASOLUTIONS.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:	17135 REIMER ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3807
Owner Name:	VERNA AYER
Owner Type:	Other

VERNA AYER (Continued) **1026051421**

Operator Name:	VERNA AYER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-03-06 18:11:25.0
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

VERNA AYER (Continued) **1026051421**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VERNA AYER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17135 REIMER ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3807
Owner/Operator Telephone:	949-294-7480
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VERNA AYER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17135 REIMER ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3807
Owner/Operator Telephone:	949-294-7480
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-03-02 00:00:00.0
Handler Name:	VERNA AYER
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

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68 **THE CANS COMPANY** **SWRCY** **S120834942**
NE **5111 W EDINGER AVE** **N/A**
< 1/8 **SANTA ANA, CA 92708**
0.120 mi.
631 ft.

Relative:
Higher

Actual:
54 ft.

SWRCY:

Name:	THE CANS COMPANY
Address:	5111 W EDINGER AVE
City,State,Zip:	SANTA ANA, CA 92708
Reg Id:	256976
Cert Id:	RC256976.001
Mailing Address:	12362 Lampson Ave
Mailing City:	Garden Grove
Mailing State:	CA
Mailing Zip Code:	92840

THE CANS COMPANY (Continued) **S120834942**

Website:	Not reported
Email:	flowerv@sbcglobal.net
Phone Number:	(714) 402-5580
Rural:	N
Operation Begin Date:	05/12/2017
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Sat 9:00 am - 5:00 pm; Sun Closed
Organization ID:	19077
Organization Name:	The Cans Company

69
ESE
< 1/8
0.122 mi.
644 ft.

HEHN MICHAEL CHEVRON **EDR Hist Auto** **1021152718**
16677 MOUNT CACHUMA CIR **N/A**
FOUNTAIN VALLEY, CA 92708

Relative:
Lower

Actual:
40 ft.

EDR Hist Auto

Year:	Name:	Type:
1990	HEHN MICHAEL CHEVRON	Gasoline Service Stations
1991	HEHN MICHAEL CHEVRON	Gasoline Service Stations
1992	HEHN MICHAEL CHEVRON	Gasoline Service Stations
1993	HEHN MICHAEL CHEVRON	Gasoline Service Stations
1994	HEHN MICHAEL CHEVRON	Gasoline Service Stations

70
NNE
1/8-1/4
0.133 mi.
702 ft.

JOSEPH VU **RCRA NonGen / NLR** **1025841424**
10934 PEBBLE CT. **CAC003021029**
FOUNTAIN VALLEY, CA 92708

Relative:
Higher

Actual:
53 ft.

RCRA Listings:

Date Form Received by Agency:	2019-06-24 00:00:00.0
Handler Name:	JOSEPH VU
Handler Address:	10934 PEBBLE CT.
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003021029
Contact Name:	JOSEPH VU
Contact Address:	10934 PEBBLE CT.
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-722-2032
Contact Fax:	Not reported
Contact Email:	KC@AQHIINC.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

JOSEPH VU (Continued) **1025841424**

Mailing Address:	10934 PEBBLE CT.
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	JOSEPH VU
Owner Type:	Other
Operator Name:	JOSEPH VU
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
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:	2019-07-29 17:11:43.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

JOSEPH VU (Continued) **1025841424**

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:	JOSEPH VU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10934 PEBBLE CT.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-722-2032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH VU
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10934 PEBBLE CT.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-722-2032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-06-24 00:00:00.0
Handler Name:	JOSEPH VU
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

L71 **SUE WE** **RCRA NonGen / NLR** **1024756348**
South **17126 SAN RICARDO** **CAC002976173**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.136 mi.
716 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**
Actual: **37 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-08-16 00:00:00.0
Handler Name:	SUE WE
Handler Address:	17126 SAN RICARDO
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002976173
Contact Name:	SUE WE
Contact Address:	17126 SAN RICARDO
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-768-7086
Contact Fax:	Not reported
Contact Email:	BRYAN@ALLAMERICANAGI.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:	17126 SAN RICARDO
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	SUE WE
Owner Type:	Other
Operator Name:	SUE WE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SUE WE (Continued) **1024756348**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:39:16.0
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:	SUE WE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17126 SAN RICARDO
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-768-7086
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUE WE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17126 SAN RICARDO
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-768-7086
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SUE WE (Continued) **1024756348**

Historic Generators:

Receive Date:	2018-08-16 00:00:00.0
Handler Name:	SUE WE
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

---

72 **DAVID & VICKIE FAIRCHILD** **RCRA NonGen / NLR** **1025833524**
NNW **10390 MARGARITA AVE** **CAC003013101**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.141 mi.
745 ft.

Relative:
Lower

Actual:
46 ft.

RCRA Listings:

Date Form Received by Agency:	2019-05-02 00:00:00.0
Handler Name:	DAVID & VICKIE FAIRCHILD
Handler Address:	10390 MARGARITA AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003013101
Contact Name:	DAVID & VICKIE FAIRCHILD
Contact Address:	10390 MARGARITA AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-775-7483
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10390 MARGARITA AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DAVID & VICKIE FAIRCHILD
Owner Type:	Other
Operator Name:	DAVID & VICKIE FAIRCHILD
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

DAVID & VICKIE FAIRCHILD (Continued) **1025833524**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:30.0
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:	DAVID & VICKIE FAIRCHILD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10390 MARGARITA AVE

DAVID & VICKIE FAIRCHILD (Continued) **1025833524**

Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone: 714-775-7483
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DAVID & VICKIE FAIRCHILD
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10390 MARGARITA AVE
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone: 714-775-7483
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-05-02 00:00:00.0
Handler Name: DAVID & VICKIE FAIRCHILD
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

---

73 **HECHT, MICHAEL G.** **RCRA NonGen / NLR** **1024751560**
SE **11136 MCGEE RIVER CIRCLE** **CAC002971352**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.169 mi.
893 ft.

Relative:
Lower

Actual:
42 ft.

RCRA Listings:
Date Form Received by Agency: 2018-07-17 00:00:00.0
Handler Name: HECHT, MICHAEL G.
Handler Address: 11136 MCGEE RIVER CIRCLE
Handler City,State,Zip: FOUNTAIN VALLEY, CA 92708
EPA ID: CAC002971352
Contact Name: HECHT, MICHAEL G.
Contact Address: 11136 MCGEE RIVER CIRCLE
Contact City,State,Zip: FOUNTAIN VALLEY, CA 92708
Contact Telephone: 949-300-7353
Contact Fax: Not reported
Contact Email: ANDREWC@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

HECHT, MICHAEL G. (Continued) **1024751560**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11136 MCGEE RIVER CIRCLE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	HECHT, MICHAEL G.
Owner Type:	Other
Operator Name:	HECHT, MICHAEL G.
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

HECHT, MICHAEL G. (Continued) **1024751560**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:12:12.0
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:	HECHT, MICHAEL G.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11136 MCGEE RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	949-300-7353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	HECHT, MICHAEL G.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11136 MCGEE RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	949-300-7353
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-17 00:00:00.0
Handler Name:	HECHT, MICHAEL G.
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

M74 **MARCIA BRUNO** **RCRA NonGen / NLR** **1024752059**
North **15849 LOS REYES ST** **CAC002971856**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.170 mi.
896 ft. **Site 1 of 2 in cluster M**

Relative:
Higher

Actual:
48 ft.

RCRA Listings:

Date Form Received by Agency:	2018-07-20 00:00:00.0
Handler Name:	MARCIA BRUNO
Handler Address:	15849 LOS REYES ST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002971856
Contact Name:	MARCIA BRUNO
Contact Address:	15849 LOS REYES ST
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-421-1505
Contact Fax:	Not reported
Contact Email:	JOE@SIRRIS.BIZ
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:	15849 LOS REYES ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	MARCIA BRUNO
Owner Type:	Other
Operator Name:	MARCIA BRUNO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

MARCIA BRUNO (Continued) **1024752059**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:12:32.0
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:	MARCIA BRUNO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15849 LOS REYES ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-421-1505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARCIA BRUNO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15849 LOS REYES ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-421-1505
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MARCIA BRUNO (Continued) **1024752059**

Historic Generators:

Receive Date:	2018-07-20 00:00:00.0
Handler Name:	MARCIA BRUNO
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

N75 **THOMAS STEWART** **RCRA NonGen / NLR** **1025856200**
NW **10331 MORNING GLORY AVE** **CAC003036512**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.173 mi.
913 ft. **Site 1 of 2 in cluster N**

Relative: **Lower**

Actual: **45 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-10-01 00:00:00.0
Handler Name:	THOMAS STEWART
Handler Address:	10331 MORNING GLORY AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1101
EPA ID:	CAC003036512
Contact Name:	THOMAS STEWART
Contact Address:	10331 MORNING GLORY AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1101
Contact Telephone:	714-356-3537
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10331 MORNING GLORY AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1101
Owner Name:	THOMAS STEWART
Owner Type:	Other
Operator Name:	THOMAS STEWART
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

THOMAS STEWART (Continued) **1025856200**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-04 16:30:49.0
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:	THOMAS STEWART
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10331 MORNING GLORY AVE

THOMAS STEWART (Continued) **1025856200**

Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1101
Owner/Operator Telephone:	714-356-3537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	THOMAS STEWART
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10331 MORNING GLORY AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-1101
Owner/Operator Telephone:	714-356-3537
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-01 00:00:00.0
Handler Name:	THOMAS STEWART
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

O76 **FOUNTAIN VALLEY MEDICAL DEVELO** **HIST UST** **U001578367**
SE **11160 WARNER AVE STE 423** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.175 mi.
925 ft. **Site 1 of 6 in cluster O**

Relative: **Lower**

Actual: **41 ft.**

HIST UST:

Name:	FOUNTAIN VALLEY MEDICAL DEVELO
Address:	11160 WARNER AVE STE 423
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000002397
Facility Type:	Other
Other Type:	MEDICAL PARK
Contact Name:	VINCE AZZOPARDI
Telephone:	7145407455
Owner Name:	FOUNTAIN VALLEY MEDICAL DEVELO
Owner Address:	11160 WARNER AVE., SUITE 423
Owner City,St,Zip:	FOUNTAIN VALLEY, CA 92708
Total Tanks:	0004

FOUNTAIN VALLEY MEDICAL DEVELO (Continued) **U001578367**

Tank Num:	001
Container Num:	1000
Year Installed:	1977
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	1025
Year Installed:	1981
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/16
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	1075
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	10
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	1050
Year Installed:	1982
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	3/16"
Leak Detection:	None

O77 **PACIFIC COAST HEM-ONC MED GRP** **RCRA NonGen / NLR** **1000250229**
SE **11160 WARNER AVE #313** **FINDS** **CAD982401226**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **ECHO**
0.175 mi.
925 ft. **Site 2 of 6 in cluster O**

Relative: **Lower**

Actual: **41 ft.**

RCRA Listings:

Date Form Received by Agency:	1989-11-16 00:00:00.0
Handler Name:	PACIFIC COAST HEM-ONC MED GRP
Handler Address:	11160 WARNER AVE #313
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAD982401226
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	11160 WARNER AVE #313
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-751-2600
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified

PACIFIC COAST HEM-ONC MED GRP (Continued) **1000250229**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	4
Mailing Address:	11160 WARNER AVE #313
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	GLEN JUSTICE MD
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

PACIFIC COAST HEM-ONC MED GRP (Continued) **1000250229**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:33:29.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

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:	GLEN JUSTICE MD
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:	1989-11-16 00:00:00.0
Handler Name:	PACIFIC COAST HEM-ONC MED GRP
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

FINDS:

Registry ID: 110002804190

PACIFIC COAST HEM-ONC MED GRP (Continued) **1000250229**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000250229
Registry ID:	110002804190
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002804190
Name:	PACIFIC COAST HEM-ONC MED GRP
Address:	11160 WARNER AVE #313
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

O78 **FOUNTAIN VALLEY COMMUNITY HOSPITAL** **LUST** **S104160962**
SE **11160 WARNER** **Cortese** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **HIST CORTESE**
0.175 mi. **CERS**
925 ft. **Site 3 of 6 in cluster O**

Relative:
Lower

Actual:
41 ft.

LUST:

Name:	FOUNTAIN VALLEY COMMUNITY HOSPITAL
Address:	11160 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900580
Global Id:	T0605900580
Latitude:	33.71567
Longitude:	-117.934354
Status:	Completed - Case Closed
Status Date:	03/31/1988
Case Worker:	TE
RB Case Number:	083000731T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	86UT203
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0605900580
Contact Type:	Regional Board Caseworker
Contact Name:	PATRICIA HANNON
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	patricia.hannon@waterboards.ca.gov
Phone Number:	Not reported

FOUNTAIN VALLEY COMMUNITY HOSPITAL (Continued) **S104160962**

Global Id:	T0605900580
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

LUST:

Global Id:	T0605900580
Action Type:	ENFORCEMENT
Date:	03/31/1988
Action:	Closure/No Further Action Letter

LUST:

Global Id:	T0605900580
Status:	Completed - Case Closed
Status Date:	03/31/1988

Global Id:	T0605900580
Status:	Open - Case Begin Date
Status Date:	03/31/1988

LUST REG 8:

Name:	FOUNTAIN VALLEY COMMUNITY HOSPITAL
Address:	11160 WARNER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000731T
Local Case Num:	86UT203
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900580
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/1/1965
Enforcement Date:	Not reported
Close Date:	3/31/1988
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported

FOUNTAIN VALLEY COMMUNITY HOSPITAL (Continued) **S104160962**

Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7162
Longitude:	-117.9336974
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	PAH
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	FOUNTAIN VALLEY COMMUNITY HOSPITAL
Address:	11160 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	86UT203
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	03/31/1988
Record ID:	RO0000899

CORTESE:

Name:	FOUNTAIN VALLEY COMMUNITY HOSPITAL
Address:	11160 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900580
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

FOUNTAIN VALLEY COMMUNITY HOSPITAL (Continued) **S104160962**

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:	FOUNTAIN VALLEY MED. DEV.
edr_fadd1:	11160 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000731T

CERS:

Name:	FOUNTAIN VALLEY COMMUNITY HOSPITAL
Address:	11160 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	192743
CERS ID:	T0605900580
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	PATRICIA HANNON - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

O79 **HEALTHCARE REALTY SERVICES, INC.** **HIST UST** **S118224242**
SE **11160 WARNER AVE** **HAZNET** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **HWTS**
0.175 mi.
925 ft. **Site 4 of 6 in cluster O**

Relative:
Lower

Actual:
41 ft.

HIST UST:

Name:	FOUNTAIN VALLEY MEDICAL DEVELO
Address:	11160 WARNER AVE SUITE 423
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
File Number:	0002E91B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E91B.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	HEALTHCARE REALTY SERVICES, INC.
Address:	11160 WARNER AVE
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927084008
Contact:	TERI WILSON
Telephone:	7144329615
Mailing Name:	Not reported
Mailing Address:	11180 WARNER AVE STE 469
Year:	2014
Gepaid:	CAC002788840
TSD EPA ID:	CAD009007626
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:	1.38

Additional Info:

Year:	2014
Gen EPA ID:	CAC002788840
Shipment Date:	20141017

HEALTHCARE REALTY SERVICES, INC. (Continued) **S118224242**

Creation Date:	12/26/2014 22:14:49
Receipt Date:	20141027
Manifest ID:	012121075JJK
Trans EPA ID:	CAR000181891
Trans Name:	BDC SPECIAL WASTE SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
Trans Name:	AZUSA LAND RECLAMATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.38
Waste Quantity:	6
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

HWTS:

Name:	HEALTHCARE REALTY SERVICES, INC.
Address:	11160 WARNER AVE
Address 2:	SUITE 219
City,State,Zip:	FOUNTAIN VALLEY, CA 927084008
EPA ID:	CAC002788840
Inactive Date:	01/07/2015
Create Date:	10/08/2014
Last Act Date:	01/08/2015
Mailing Name:	Not reported
Mailing Address:	11180 WARNER AVE STE 469
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 927087505
Owner Name:	HEALTHCARE REALTY SERVICES INC
Owner Address:	11180 WARNER AVE STE 469
Owner Address 2:	Not reported
Owner City,State,Zip:	FOUNTAIN VALLEY, CA 927087505
Contact Name:	TERI WILSON
Contact Address:	11180 WARNER AVE STE 469
Contact Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927087505

O80 **DR SANG NOH** **RCRA NonGen / NLR** **1024791079**
SE **11160 WARNER AVE STE 215** **CAL000097616**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.175 mi.
925 ft. **Site 5 of 6 in cluster O**

Relative:
Lower

Actual:
41 ft.

RCRA Listings:

Date Form Received by Agency:	1992-12-21 00:00:00.0
Handler Name:	DR SANG NOH
Handler Address:	11160 WARNER AVE STE 215
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4048

DR SANG NOH (Continued) **1024791079**

EPA ID:	CAL000097616
Contact Name:	SANG K. NOH, M.D.
Contact Address:	11160 WARNER AVE STE 215
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-957-6055
Contact Fax:	714-957-2537
Contact Email:	GRACENOH@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11160 WARNER AVE STE 215
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4048
Owner Name:	SANG K. NOH, M.D.
Owner Type:	Other
Operator Name:	SANG K. NOH, M.D.
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

DR SANG NOH (Continued) **1024791079**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:22.0
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:	SANG K. NOH, M.D.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11160 WARNER AVE STE 215
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4048
Owner/Operator Telephone:	714-957-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SANG K. NOH, M.D.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11160 WARNER AVE STE 215
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-957-6055
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-12-21 00:00:00.0
Handler Name:	DR SANG NOH
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

DR SANG NOH (Continued) **1024791079**

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

P81 **RICHARD & SANDRA DAMSCHEN** **RCRA NonGen / NLR** **1025856247**
South **10736 EL TIBURON AVE** **CAC003036559**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.178 mi.
942 ft. **Site 1 of 2 in cluster P**

Relative: **Lower**
Actual: **34 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-10-01 00:00:00.0
Handler Name:	RICHARD & SANDRA DAMSCHEN
Handler Address:	10736 EL TIBURON AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3806
EPA ID:	CAC003036559
Contact Name:	RICHARD & SANDRA DAMSCHEN
Contact Address:	10736 EL TIBURON AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3806
Contact Telephone:	562-307-0147
Contact Fax:	Not reported
Contact Email:	NANCYRUIZ@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10736 EL TIBURON AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3806
Owner Name:	RICHARD & SANDRA DAMSCHEN
Owner Type:	Other
Operator Name:	RICHARD & SANDRA DAMSCHEN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

RICHARD & SANDRA DAMSCHEN (Continued) **1025856247**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-10-04 16:30:49.0
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:	RICHARD & SANDRA DAMSCHEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10736 EL TIBURON AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3806
Owner/Operator Telephone:	562-307-0147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RICHARD & SANDRA DAMSCHEN
Legal Status:	Other

RICHARD & SANDRA DAMSCHEN (Continued) **1025856247**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10736 EL TIBURON AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3806
Owner/Operator Telephone:	562-307-0147
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-10-01 00:00:00.0
Handler Name:	RICHARD & SANDRA DAMSCHEN
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

M82 **POON, DANIEL** **RCRA NonGen / NLR** **1025829626**
North **15839 LOS REYES STREET** **CAC003009180**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.186 mi.
984 ft. **Site 2 of 2 in cluster M**

Relative: **Higher**

Actual: **48 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-04-08 00:00:00.0
Handler Name:	POON, DANIEL
Handler Address:	15839 LOS REYES STREET
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003009180
Contact Name:	POON, DANIEL
Contact Address:	15839 LOS REYES STREET
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-720-6088
Contact Fax:	Not reported
Contact Email:	ANDREWC@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:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15839 LOS REYES STREET
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	POON, DANIEL
Owner Type:	Other

POON, DANIEL (Continued) **1025829626**

Operator Name:	POON, DANIEL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
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:	2019-06-26 18:51:54.0
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

POON, DANIEL (Continued) **1025829626**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	POON, DANIEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15839 LOS REYES STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-720-6088
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	POON, DANIEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15839 LOS REYES STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-720-6088
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-04-08 00:00:00.0
Handler Name:	POON, DANIEL
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

---

83 **VON ROY** **RCRA NonGen / NLR** **1024745916**
NE **5021 WEST LEHNHARDT AVE** **CAC002965688**
1/8-1/4 **SANTA ANA, CA 92704**
0.193 mi.
1019 ft.

Relative:
Higher

Actual:
55 ft.

RCRA Listings:

Date Form Received by Agency:	2018-06-08 00:00:00.0
Handler Name:	VON ROY
Handler Address:	5021 WEST LEHNHARDT AVE
Handler City,State,Zip:	SANTA ANA, CA 92704
EPA ID:	CAC002965688
Contact Name:	VON ROY
Contact Address:	5021 WEST LEHNHARDT AVE
Contact City,State,Zip:	SANTA ANA, CA 92704
Contact Telephone:	714-839-7406

VON ROY (Continued) **1024745916**

Contact Fax:	Not reported
Contact Email:	SARAH@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:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5021 WEST LEHNHARDT AVE
Mailing City,State,Zip:	SANTA ANA, CA 92704
Owner Name:	VON ROY
Owner Type:	Other
Operator Name:	VON ROY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

VON ROY (Continued) **1024745916**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:12:37.0
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:	VON ROY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5021 WEST LEHNHARDT AVE
Owner/Operator City,State,Zip:	SANTA ANA, CA 92704
Owner/Operator Telephone:	714-839-7406
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VON ROY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5021 WEST LEHNHARDT AVE
Owner/Operator City,State,Zip:	SANTA ANA, CA 92704
Owner/Operator Telephone:	714-839-7406
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-06-08 00:00:00.0
Handler Name:	VON ROY
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

O84 **DILIP TAPADIYA M D INC** **RCRA-SQG** **1000819505**
SE **11170 WARNER AVE** **FINDS** **CAD983654914**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **ECHO**
0.204 mi.
1076 ft. **Site 6 of 6 in cluster O**

Relative: **Lower**
Actual: **41 ft.**

RCRA Listings:

Date Form Received by Agency:	1992-12-16 00:00:00.0
Handler Name:	DILIP TAPADIYA M D INC
Handler Address:	11170 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAD983654914
Contact Name:	DOLORES ROBERTS
Contact Address:	11170 WARNER AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-540-3244
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:	11170 WARNER AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	DILIP TAPADIYA M D INC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DILIP TAPADIYA M D INC (Continued) **1000819505**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:21.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DILIP TAPADIYA M D INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11170 WARNER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-540-3244
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-12-16 00:00:00.0
Handler Name:	DILIP TAPADIYA M D 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

DILIP TAPADIYA M D INC (Continued) **1000819505**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

FINDS:
Registry ID: 110002889205

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000819505
Registry ID:	110002889205
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002889205
Name:	DILIP TAPADIYA M D INC
Address:	11170 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

P85 **SANDRA & BILL TINNEY** **RCRA NonGen / NLR** **1024750419**
South **10770 EL GORRA CIRCLE** **CAC002970209**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.206 mi.
1090 ft. **Site 2 of 2 in cluster P**

Relative: **Lower**
Actual: **38 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-07-10 00:00:00.0
Handler Name:	SANDRA & BILL TINNEY
Handler Address:	10770 EL GORRA CIRCLE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002970209
Contact Name:	SANDRA & BILL TINNEY
Contact Address:	10770 EL GORRA CIRCLE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-651-7125
Contact Fax:	Not reported
Contact Email:	TINNEY43@AOL.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:	10770 EL GORRA CIRCLE

SANDRA & BILL TINNEY (Continued) **1024750419**

Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	SANDRA & BILL TINNEY
Owner Type:	Other
Operator Name:	SANDRA & BILL TINNEY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
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:	2018-09-05 15:39:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

SANDRA & BILL TINNEY (Continued) **1024750419**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SANDRA & BILL TINNEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10770 EL GORRA CIRCLE
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone: 714-651-7125
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SANDRA & BILL TINNEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 10770 EL GORRA CIRCLE
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone: 714-651-7125
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-07-10 00:00:00.0
Handler Name: SANDRA & BILL TINNEY
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

Q86 **MILE SQUARE GOLF COURSE** **HIST UST** **S113055374**
SSW **10401 WARNER AVE** **HAZNET** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **HWTS**
0.213 mi.
1126 ft. **Site 1 of 4 in cluster Q**

Relative: **Lower**
Actual: **34 ft.**

HIST UST:
Name: MILE SQUARE GOLF COURSE MAINTE
Address: 10401 WARNER AVENUE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
File Number: 0002EB4F

MILE SQUARE GOLF COURSE (Continued) **S113055374**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB4F.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927080000
Contact:	INACTIVE PER SURVEY 3/95 AD
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	10401 WARNER AVE
Year:	2011
Gepaid:	CAL000089480
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:	0.05

Additional Info:

Year:	2011
Gen EPA ID:	CAL000089480
Shipment Date:	20110519
Creation Date:	11/12/2011 18:30:22
Receipt Date:	20110531
Manifest ID:	002594294SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA

MILE SQUARE GOLF COURSE (Continued) **S113055374**

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:	0.05
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

HWTS:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927080000
EPA ID:	CAL000089480
Inactive Date:	01/01/1995
Create Date:	07/15/1993
Last Act Date:	10/24/2012
Mailing Name:	Not reported
Mailing Address:	10401 WARNER AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 927080000
Owner Name:	MILE SQUARE GC LIMITED PARTNE
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	99 000000000
Contact Name:	INACTIVE PER SURVEY 3/95 AD
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	CA 000000000

Q87 **AST** **A100336659**
SSW **10401 WARNER AVE** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA**
0.213 mi.
1126 ft. **Site 2 of 4 in cluster Q**

Relative: **Lower**

Actual: **34 ft.**

AST:

Name:	Not reported
Address:	10401 WARNER AVE
City/Zip:	FOUNTAIN VALLEY,
Certified Unified Program Agencies:	Orange
Owner:	MILE SQUARE GOLF COURSE
Total Gallons:	1,320
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

(Continued) **A100336659**

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

Q88 **MILE SQUARE GOLF COURSE** **LUST** **U001578376**
SSW **10401 WARNER AVE.** **UST** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **SWEEPS UST**
0.213 mi. **HIST UST**
1126 ft. **Site 3 of 4 in cluster Q** **Cortese**
CERS

Relative:
Lower

Actual:
34 ft.

LUST:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901389
Global Id:	T0605901389
Latitude:	33.71690804
Longitude:	-117.94491161
Status:	Completed - Case Closed
Status Date:	03/07/2014
Case Worker:	SR
RB Case Number:	083001856T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	92UT045
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

LUST:

Global Id:	T0605901389
Contact Type:	Regional Board Caseworker
Contact Name:	MIGUEL OVIEDO
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 Main Street, Suite 500
City:	RIVERSIDE
Email:	miguel.oviedo@waterboards.ca.gov
Phone Number:	9517823238

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Global Id: T0605901389
Contact Type: Local Agency Caseworker
Contact Name: SHYAMALA RAJAGOPAL
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER ROAD SUITE 120
City: SANTA ANA
Email: srajagopal@ochca.com
Phone Number: 7144336262

LUST:
Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/17/2011
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/28/2014
Action: File review

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 05/17/2012
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 05/05/2011
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 07/09/2010
Action: Staff Letter

Global Id: T0605901389
Action Type: Other
Date: 03/17/1992
Action: Leak Discovery

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 05/01/2003
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 12/27/2004
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 12/21/2007
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Date: 04/17/2012
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 03/26/2013
Action: File Review - Closure

Global Id: T0605901389
Action Type: REMEDIATION
Date: 10/18/2004
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 04/09/1992
Action: Notice of Responsibility

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 09/29/2004
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/25/2013
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 03/25/2013
Action: File Review - Closure

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 06/07/2005
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/21/2007
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/25/2013
Action: Clean Up Fund - Letter to RP

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 05/03/2013
Action: State Water Board Closure Order

Global Id: T0605901389
Action Type: Other
Date: 04/03/1992
Action: Leak Reported

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 12/19/2008
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 03/27/2013
Action: File Review - Closure

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 07/08/2009
Action: Staff Letter

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 08/15/2013
Action: File review

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/03/2014
Action: File Review - Closure

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/04/2014
Action: File Review - Closure

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 03/05/2014
Action: State Water Board Closure Order

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 02/28/2014
Action: Email Correspondence

Global Id: T0605901389
Action Type: ENFORCEMENT
Date: 03/03/2014
Action: File Review - Closure

Global Id: T0605901389
Action Type: RESPONSE
Date: 07/09/1992
Action: Preliminary Site Assessment Workplan

Global Id: T0605901389
Action Type: RESPONSE
Date: 05/30/2003
Action: Other Report / Document

Global Id: T0605901389
Action Type: ENFORCEMENT

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Date: 03/05/2014
Action: File Review - Closure

LUST:
Global Id: T0605901389
Status: Open - Case Begin Date
Status Date: 03/17/1992

Global Id: T0605901389
Status: Open - Site Assessment
Status Date: 09/22/1992

Global Id: T0605901389
Status: Open - Remediation
Status Date: 09/11/1996

Global Id: T0605901389
Status: Open - Remediation
Status Date: 04/20/1999

Global Id: T0605901389
Status: Open - Eligible for Closure
Status Date: 03/27/2013

Global Id: T0605901389
Status: Completed - Case Closed
Status Date: 03/05/2014

Global Id: T0605901389
Status: Completed - Case Closed
Status Date: 03/07/2014

LUST REG 8:
Name: MILE SQUARE GOLF COURSE
Address: 10401 WARNER
City: FOUNTAIN VALLEY
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remediation Plan
Case Number: 083001856T
Local Case Num: 92UT045
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: SEL
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Tank
Global ID: T0605901389
How Stopped Date: 9/9/9999

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/17/1992
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	9/22/1992
Date Remediation Plan Submitted:	9/11/1996
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7164158
Longitude:	-117.9483508
MTBE Date:	4/22/2004
Max MTBE GW:	31
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	92UT045
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	03/07/2014
Record ID:	RO0002027

UST:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	8772
Permitting Agency:	ORANGE COUNTY
Latitude:	33.7185678
Longitude:	-117.9456394

MILE SQUARE GOLF COURSE (Continued) **U001578376**

UST CLOSURE:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE.
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Claim Number:	Claim No. 17447
Type:	Closure Denials and Approved Orders
Deadline Date:	4/24/2013
Documents:	10401 Warner Ave. Fountain Valley, CA 92708Notice, 10401 Warner Ave. Fountain Valley, CA 92708Draft Exec Order, 10401 Warner Ave. Fountain Valley, CA 92708Final Closure Review Summary
Comments:	10401 Warner Ave. Fountain Valley, CA 92708Notice, 10401 Warner Ave. Fountain Valley, CA
Comments URL:	https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/4861c
Response:	10401 Warner Ave. Fountain Valley, CA 92708Notice, 10401 Warner Ave. Fountain Valley, CA
Response URL:	https://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/prop_closure_cases/10407
Comments2:	Not reported
Comments2 URL:	Not reported
Response2:	Not reported
Response2 URL:	Not reported
Closure:	10401 Warner Ave. Fountain Valley, CA 92708Notice, 10401 Warner Ave. Fountain Valley, CA
Closure URL:	https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2013/wqo2013_0013ust.pdf
Uniform:	10401 Warner Ave. Fountain Valley, CA 92708Notice, 10401 Warner Ave. Fountain Valley, CA
Uniform URL:	https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/1425688028/17447 NFA Letter.pdf

SWEEPS UST:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	8772
Number:	9
Board Of Equalization:	44-016717
Referral Date:	09-30-92
Action Date:	02-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-008772-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	2

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	8772
Number:	9
Board Of Equalization:	44-016717
Referral Date:	09-30-92
Action Date:	02-26-92
Created Date:	02-29-88

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-008772-000002
Tank Status: A
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
Name: MILE SQUARE GOLF COURSE MAINTE
Address: 10401 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000065656
Facility Type: Other
Other Type: COURSE EQUIPMENT
Contact Name: MARTIN P. BEREKI
Telephone: 7149625541
Owner Name: MILE SQUARE GOLF COURSE
Owner Address: 10401 WARNER AVENUE
Owner City,St,Zip: FOUNTAIN VALLEY, CA 92708
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1975
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1969
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 10
Leak Detection: Stock Inventor

CORTESE:
Name: MILE SQUARE GOLF COURSE
Address: 10401 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605901389
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported

MILE SQUARE GOLF COURSE (Continued) **U001578376**

Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	200086
CERS ID:	T0605901389
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	SHYAMALA RAJAGOPAL - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 E. DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336262

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 Main Street, Suite 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517823238

Q89 **MILE SQUARE GOLF COURSE** **CERS HAZ WASTE** **S101619829**
SSW **10401 WARNER AVE** **CA FID UST** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **CERS TANKS**
0.213 mi. **HIST CORTESE**
1126 ft. **Site 4 of 4 in cluster Q** **CERS**

Relative: **Lower**

Actual: **34 ft.**

CERS HAZ WASTE:

Name:	MILE SQUARE GOLF COURSE
Address:	10401 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	411819
CERS ID:	10514560
CERS Description:	Hazardous Waste Generator

MILE SQUARE GOLF COURSE (Continued) **S101619829**

CA FID UST:
- Facility ID: 30001162
- Regulated By: UTNKA
- Regulated ID: Not reported
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: 7149638990
- Mail To: Not reported
- Mailing Address: 10401 WARNER AVE ATTN : JA
- Mailing Address 2: Not reported
- Mailing City,St,Zip: FOUNTAIN VALLEY 92708
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

CERS TANKS:
- Name: MILE SQUARE GOLF COURSE
- Address: 10401 WARNER AVE
- City,State,Zip: FOUNTAIN VALLEY, CA 92708
- Site ID: 411819
- CERS ID: 10514560
- CERS Description: Aboveground Petroleum Storage

HIST CORTESE:
- edr_fname: MILE SQUARE GOLF COURSE
- edr_fadd1: 10401
- City,State,Zip: FOUNTAIN VALLEY, CA 92708
- Region: CORTESE
- Facility County Code: 30
- Reg By: LTNKA
- Reg Id: 083001856T

CERS:
- Name: MILE SQUARE GOLF COURSE
- Address: 10401 WARNER AVE
- City,State,Zip: FOUNTAIN VALLEY, CA 92708
- Site ID: 411819
- CERS ID: 10514560
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 411819
- Site Name: MILE SQUARE GOLF COURSE
- Violation Date: 03-18-2016
- 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 perform a five-year review of the SPCC plan.
- Violation Notes: Returned to compliance on 04/15/2016. Please complete a review and evaluation of the SPCC Plan. This is required at least once every five years. Document the completion of the review and evaluation, as well as whether the plan will be amended. This statement must be signed by the facility owner or operator. Submit the statement to this Agency

MILE SQUARE GOLF COURSE (Continued) **S101619829**

	within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	411819
Site Name:	MILE SQUARE GOLF COURSE
Violation Date:	03-26-2019
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 provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	OBSERVATION: Failure to provide training to all oil-handling personnel regarding one or more of the following: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. The contents of the SPCC Plan. Submit the training records (sign-in sheet with date, topic, name and signature of employees) to this Agency via email to correct this violation.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	411819
Site Name:	MILE SQUARE GOLF COURSE
Violation Date:	03-18-2016
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 provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 04/15/2016. Facility employees that conduct oil handling activities must be trained annually for discharge prevention procedures. Please conduct the training and provide training records or other documentation that the training has been conducted to this Agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	411819
Site Name:	MILE SQUARE GOLF COURSE
Violation Date:	03-26-2019
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

MILE SQUARE GOLF COURSE (Continued) **S101619829**

	appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes:	OBSERVATION: 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. 3. Keep comparison records. CORRECTIVE ACTION: Keep written inspection procedures, records of weekly/monthly inspections and integrity testing, signed by appropriate supervisor/inspector, for at least 3 years. Please provide the most recent weekly/monthly inspection records to this Agency via email to correct the violation.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	411819
Site Name:	MILE SQUARE GOLF COURSE
Violation Date:	03-26-2019
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 prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes:	OBSERVATION: Failure to fully complete the SPCC Plan. The following sections are missing and will need to be completed: Table G-4 - Containers with Potential fo ran Oil Discharge, Section 4 - Security, Section 5 - Emergency Procedures and Notifications CORRECTIVE ACTION: Complete the SPCC and submit a copy via email to this Agency to correct the violation.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	411819
Site Name:	MILE SQUARE GOLF COURSE
Violation Date:	03-14-2019
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/14/2019. OBSERVATION: The start accumulation date was missing on the 55-gallon waste oil drum and the 55-gallon drained used oil filters drum, located in the hazardous waste shed. CORRECTIVE ACTION: The start accumulation date was determined and written on the labels during the inspeciton. Violation corrected on site.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	03-26-2016
Violations Found:	No

MILE SQUARE GOLF COURSE (Continued) **S101619829**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	file purge
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-13-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency has received the following documents: - Training records for oil-handling employees - 5-year review of SPCC dated 3/22/16 Violations (I009) and (I757) have been corrected. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-06-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2017 CERS OW/BA - Not Accepted - needs to check box for HW Gen EPA ID is Inactive
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On site for a routine hazardous waste inspection. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled, with the exception of the the start accumulation date on the waste oil and drained used oil filters drums. Date was determined and was written on the label during the inspection. Manifests were available and reviewed. Employees are reported to be trained. Emergency plan is available on site. No hazardous waste or universal waste observed in the dumpster/enclosure area.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-18-2016
Violations Found:	No
Eval Type:	Routine done by local agency

MILE SQUARE GOLF COURSE (Continued) **S101619829**

Eval Notes:	INSPECTOR COMMENTS On site for routine hazardous waste inspection. Consent to enter and inspect was given by David Ahlstrand. Observed the facility and inspected hazardous waste storage. The containers are stored closed and properly labeled. No evidence of hazardous waste spillage or runoff was observed. Manifests and emergency plan are available for review.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-18-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine aboveground petroleum storage tank (APST) inspection. The inspection was conducted with David Ahlstrand. The facility has the following petroleum storage capacity: - 1000 gallons of unleaded fuel - 500 gallons of diesel fuel - 110 gallons of new oil - 110 gallons of waste oil All of the tanks and containers have secondary containment. The spill prevention countermeasure and control (SPCC) plan is dated 2009 and has not been reviewed since then. Employee training records for employees that conduct oil-handling activities are not available for review.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-29-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	2019 CERS APSA - Not Accepted
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-14-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Joint inspection w/ M. Le
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-14-2019
Violations Found:	Yes

MILE SQUARE GOLF COURSE (Continued) **S101619829**

Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On-site for a routine aboveground petroleum storage tank (APSA) inspection. The inspection was conducted with David Ahlstrand, Golf Course Superintendent. The following petroleum storage tanks were observed on site and are regulated under APSA: - Unleaded Fuel (1,000 gallons) - Diesel Fuel (500 gallons) - Oil, new (110 gallons) - Oil, waste (110 gallons) All the tanks and containers have secondary containment. Weekly/montly inspection logs were not available for review. Employee training records were not available for review, SPCC Plan was not completed. Please see comments under the violation for further details.
Eval Division:	Orange County Environmental Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-01-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-09-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	411819
Facility Name:	MILE SQUARE GOLF COURSE
Env Int Type Code:	APSA
Program ID:	10514560
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.722100
Longitude:	-117.945100

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Parent Corporation
Entity Name:	Mile Square Golf Course

MILE SQUARE GOLF COURSE (Continued) **S101619829**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	David Ahlstrand
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Mile Square Golf Course
Entity Title:	Not reported
Affiliation Address:	10401 WARNER
Affiliation City:	FOUNTAIN VALLEY
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92708
Affiliation Phone:	(714) 963-8990
Affiliation Type Desc:	Identification Signer
Entity Name:	David Ahlstrand
Entity Title:	Superintendent
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Mile Square Golf Course
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:	(714) 962-5541
Affiliation Type Desc:	Environmental Contact
Entity Name:	David Ahlstrand
Entity Title:	Not reported
Affiliation Address:	10401 Warner Ave
Affiliation City:	Fountain Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

MILE SQUARE GOLF COURSE (Continued) **S101619829**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	10401 WARNER AV
Affiliation City:	FOUNTAIN VALLEY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

N90 **MCKINDLEY, BOB** **RCRA NonGen / NLR** **1024758286**
NW **15926 LAS FLORES STREET** **CAC002978127**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.221 mi.
1166 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**
Actual: **45 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-08-29 00:00:00.0
Handler Name:	MCKINDLEY, BOB
Handler Address:	15926 LAS FLORES STREET
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002978127
Contact Name:	MCKINDLEY, BOB
Contact Address:	15926 LAS FLORES STREET
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-765-9466
Contact Fax:	Not reported
Contact Email:	ANDREWC@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:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	15926 LAS FLORES STREET
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	MCKINDLEY, BOB
Owner Type:	Other
Operator Name:	MCKINDLEY, BOB
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

MCKINDLEY, BOB (Continued) **1024758286**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:39:49.0
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:	MCKINDLEY, BOB
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15926 LAS FLORES STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-765-9466
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MCKINDLEY, BOB (Continued) **1024758286**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCKINDLEY, BOB
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	15926 LAS FLORES STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-765-9466
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-08-29 00:00:00.0
Handler Name:	MCKINDLEY, BOB
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

R91 **PATRICIA ELDERTON** **RCRA NonGen / NLR** **1024779161**
ENE **11216 CORAL ALOE AVE** **CAC002999109**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.225 mi.
1187 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
51 ft.

RCRA Listings:

Date Form Received by Agency:	2019-01-31 00:00:00.0
Handler Name:	PATRICIA ELDERTON
Handler Address:	11216 CORAL ALOE AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2117
EPA ID:	CAC002999109
Contact Name:	PATRICIA ELDERTON
Contact Address:	11216 CORAL ALOE AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2117
Contact Telephone:	714-839-0438
Contact Fax:	Not reported
Contact Email:	GENEVADEGUIRE@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
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	11216 CORAL ALOE AVE

PATRICIA ELDERTON (Continued) **1024779161**

Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-2117
Owner Name:	PATRICIA ELDERTON
Owner Type:	Other
Operator Name:	PATRICIA ELDERTON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
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:	2019-02-22 19:40:53.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

PATRICIA ELDERTON (Continued) **1024779161**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: PATRICIA ELDERTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11216 CORAL ALOE AVE
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708-2117
Owner/Operator Telephone: 714-839-0438
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATRICIA ELDERTON
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11216 CORAL ALOE AVE
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708-2117
Owner/Operator Telephone: 714-839-0438
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-01-31 00:00:00.0
Handler Name: PATRICIA ELDERTON
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

R92 **AUDREY KENDERS** **RCRA NonGen / NLR** **1025844991**
ENE **16205 MOUNT MINBUS ST.** **CAC003024610**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.225 mi.
1187 ft. **Site 2 of 2 in cluster R**

Relative: **Higher**
Actual: **52 ft.**

RCRA Listings:
Date Form Received by Agency: 2019-07-18 00:00:00.0
Handler Name: AUDREY KENDERS
Handler Address: 16205 MOUNT MINBUS ST.
Handler City,State,Zip: FOUNTAIN VALLEY, CA 92708

AUDREY KENDERS (Continued) **1025844991**

EPA ID:	CAC003024610
Contact Name:	AUDREY KENDERS
Contact Address:	16205 MOUNT MINBUS ST.
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-775-5746
Contact Fax:	Not reported
Contact Email:	KC@AQHIINC.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:	16205 MOUNT MINBUS ST.
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	AUDREY KENDERS
Owner Type:	Other
Operator Name:	AUDREY KENDERS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

AUDREY KENDERS (Continued) **1025844991**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:13:08.0
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:	AUDREY KENDERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16205 MOUNT MINBUS ST.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-5746
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUDREY KENDERS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	16205 MOUNT MINBUS ST.
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-775-5746
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-07-18 00:00:00.0
Handler Name:	AUDREY KENDERS
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

AUDREY KENDERS (Continued) **1025844991**

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

---

93 **JEFF CASILLAS** **RCRA NonGen / NLR** **1025850550**
SSE **10833 LA FONDA CIR** **CAC003030649**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.227 mi.
1196 ft.

Relative: **Lower**
Actual: **37 ft.**

RCRA Listings:

Date Form Received by Agency:	2019-08-22 00:00:00.0
Handler Name:	JEFF CASILLAS
Handler Address:	10833 LA FONDA CIR
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3917
EPA ID:	CAC003030649
Contact Name:	JEFF CASILLAS
Contact Address:	10833 LA FONDA CIR
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3917
Contact Telephone:	714-814-7416
Contact Fax:	Not reported
Contact Email:	KARLA@SUPERIORENV.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:	10833 LA FONDA CIR
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3917
Owner Name:	JEFF CASILLAS
Owner Type:	Other
Operator Name:	JEFF CASILLAS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

JEFF CASILLAS (Continued) **1025850550**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 12:40:17.0
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:	JEFF CASILLAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10833 LA FONDA CIR
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3917
Owner/Operator Telephone:	714-814-7416
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF CASILLAS
Legal Status:	Other

JEFF CASILLAS (Continued) **1025850550**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10833 LA FONDA CIR
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708-3917
Owner/Operator Telephone:	714-814-7416
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-08-22 00:00:00.0
Handler Name:	JEFF CASILLAS
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

S94 **HEALTHCARE REALTY** **RCRA NonGen / NLR** **1026168549**
SE **11180 WARNER AVE** **CAC003068594**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.232 mi.
1224 ft. **Site 1 of 2 in cluster S**

Relative: **Lower**

Actual: **41 ft.**

RCRA Listings:

Date Form Received by Agency:	2020-05-28 00:00:00.0
Handler Name:	HEALTHCARE REALTY
Handler Address:	11180 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC003068594
Contact Name:	MIKE ADAMS
Contact Address:	11180 WARNER AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-432-7774
Contact Fax:	Not reported
Contact Email:	MADAMS@HEALTHCAREREALTY.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:	11180 WARNER AVE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	HEALTHCARE REALTY SERVICES
Owner Type:	Other

HEALTHCARE REALTY (Continued) **1026168549**

Operator Name:	MIKE ADAMS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-06-08 20:36:34.0
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

HEALTHCARE REALTY (Continued) **1026168549**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE ADAMS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11180 WARNER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-432-7774
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HEALTHCARE REALTY SERVICES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11180 WARNER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-432-7774
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-05-28 00:00:00.0
Handler Name:	HEALTHCARE REALTY
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

95
South
1/8-1/4
0.232 mi.
1226 ft.

TERRI JUDSON **RCRA NonGen / NLR** **1024751151**
10757 EL RUBI CIRCLE **CAC002970943**
FOUNTAIN VALLEY, CA 92708

Relative:
Lower

Actual:
37 ft.

RCRA Listings:

Date Form Received by Agency:	2018-07-16 00:00:00.0
Handler Name:	TERRI JUDSON
Handler Address:	10757 EL RUBI CIRCLE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002970943
Contact Name:	TERRI JUDSON
Contact Address:	10757 EL RUBI CIRCLE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-658-7695

TERRI JUDSON (Continued) **1024751151**

Contact Fax:	Not reported
Contact Email:	HUMBIRD0330@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
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10757 EL RUBI CIRCLE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	TERRI JUDSON
Owner Type:	Other
Operator Name:	TERRI JUDSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

TERRI JUDSON (Continued) **1024751151**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-30 13:25:17.0
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:	TERRI JUDSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10757 EL RUBI CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-658-7695
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERRI JUDSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	10757 EL RUBI CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-658-7695
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-16 00:00:00.0
Handler Name:	TERRI JUDSON
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

S96 **21ST CENTURY ONCOLOGY OF CALIFORNIA A MEDICAL CORP** **RCRA NonGen / NLR** **1024865261**
SE **11190 WARNER AVE** **CAL000433831**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.241 mi.
1271 ft. **Site 2 of 2 in cluster S**

Relative: **Lower**

Actual: **42 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-02-23 00:00:00.0
Handler Name:	21ST CENTURY ONCOLOGY OF CALIFORNIA A MEDICAL CORP
Handler Address:	11190 WARNER AVE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000433831
Contact Name:	SONJA ORONCE
Contact Address:	11190 WARNER AVE
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-210-0140
Contact Fax:	Not reported
Contact Email:	SONJA.ORONCE@21CO.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:	2270 COLONIAL BLVD
Mailing City,State,Zip:	FORT MYERS, FL 33907
Owner Name:	21ST CNTRY ONCOLOGY OF CA MED CORP
Owner Type:	Other
Operator Name:	SONJA ORONCE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

21ST CENTURY ONCOLOGY OF CALIFORNIA A MEDICAL CORPORATION (Continued) **1024865261**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:37:32.0
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:	SONJA ORONCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	11190 WARNER AVE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-210-0140
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	21ST CNTRY ONCOLOGY OF CA MED CORP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2270 COLONIAL BLVD
Owner/Operator City,State,Zip:	FORT MYERS, FL 33907
Owner/Operator Telephone:	239-931-7333
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

21ST CENTURY ONCOLOGY OF CALIFORNIA A MEDICAL CORPORATION (Continued) **1024865261**

Historic Generators:

Receive Date:	2018-02-23 00:00:00.0
Handler Name:	21ST CENTURY ONCOLOGY OF CALIFORNIA A MEDICAL CORPORATION
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

T97 **FOUNTAIN VALLEY REGIONAL MEDICAL CENTER** **RCRA NonGen / NLR** **1024748861**
SE **17100 EUCLID STREET** **CAC002968646**
1/8-1/4 **FOUNTAIN VALLEY, CA 92867**
0.246 mi.
1298 ft. **Site 1 of 6 in cluster T**

Relative: **Lower**

Actual: **39 ft.**

RCRA Listings:

Date Form Received by Agency:	2018-06-28 00:00:00.0
Handler Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CENTER
Handler Address:	17100 EUCLID STREET
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92867
EPA ID:	CAC002968646
Contact Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CE
Contact Address:	17100 EUCLID STREET
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92867
Contact Telephone:	714-231-8962
Contact Fax:	Not reported
Contact Email:	MARKS@TILLERCONSTRUCTORS.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:	17100 EUCLID STREET
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92867
Owner Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CE
Owner Type:	Other
Operator Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CE
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

FOUNTAIN VALLEY REGIONAL MEDICAL CENTER (Continued) **1024748861**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:14:48.0
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:	FOUNTAIN VALLEY REGIONAL MEDICAL CE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17100 EUCLID STREET

FOUNTAIN VALLEY REGIONAL MEDICAL CENTER (Continued) **1024748861**

Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92867
Owner/Operator Telephone:	714-231-8962
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17100 EUCLID STREET
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92867
Owner/Operator Telephone:	714-231-8962
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-06-28 00:00:00.0
Handler Name:	FOUNTAIN VALLEY REGIONAL MEDICAL CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

T98 **FOUNTAIN VALLEY REGIONAL HOSPITAL** **RCRA NonGen / NLR** **1024785372**
SE **17100 EUCLID ST** **CAL000000167**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.246 mi.
1298 ft. **Site 2 of 6 in cluster T**

Relative:
Lower

Actual:
39 ft.

RCRA Listings:

Date Form Received by Agency:	1989-11-14 00:00:00.0
Handler Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Handler Address:	17100 EUCLID ST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4004
EPA ID:	CAL000000167
Contact Name:	JOHN RUPPERT
Contact Address:	17100 EUCLID ST
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact Telephone:	714-966-8190
Contact Fax:	714-966-7265
Contact Email:	FREDDY.RODRIGUEZ@TENETHEALTH.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1024785372**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	17100 EUCLID ST
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4004
Owner Name:	TENET HEALTHCARE
Owner Type:	Other
Operator Name:	JOHN RUPPERT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1024785372**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:40:41.0
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:	TENET HEALTHCARE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13737 NOEL RD #100
Owner/Operator City,State,Zip:	DALLAS, TX 75240-0000
Owner/Operator Telephone:	469-893-2000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN RUPPERT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	17100 EUCLID ST
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-966-8190
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1989-11-14 00:00:00.0
Handler Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
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

T99 **FOUNTAIN VALLEY REGIONAL HOSPITAL** **LUST** **S101609533**
SE **17100 EUCLID** **SWEEPS UST** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **CA FID UST**
0.246 mi. **HIST CORTESE**
1298 ft. **Site 3 of 6 in cluster T**

Relative: **Lower**
Actual: **39 ft.**

LUST REG 8:

Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Address:	17100 EUCLID
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000118T
Local Case Num:	96UT021
Case Type:	Other ground water affected
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	NOV
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Tank
Global ID:	T0605900090
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	6/19/1996
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	6/18/1997
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7100081
Longitude:	-117.9369105
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **S101609533**

Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

SWEEPS UST:
Name: FOUNTAIN VALLEY REGIONAL HOSPI
Address: 17100 EUCLID
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 9697
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-009697-000005
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: FOUNTAIN VALLEY REGIONAL HOSPI
Address: 17100 EUCLID
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 9697
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-009697-000006
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: FOUNTAIN VALLEY REGIONAL HOSPI
Address: 17100 EUCLID
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 9697
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **S101609533**

Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-009697-000007
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	30000581
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7149668191
Mail To:	Not reported
Mailing Address:	17100 EUCLID
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOUNTAIN VALLEY 92708
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST CORTESE:

edr_fname:	FOUNTAIN VALLEY REG. HOSP
edr_fadd1:	17100
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000118T

T100 **FOUNTAIN VALLEY REGIONAL HOSPITAL** **LUST** **U003432998**
SE **17100 EUCLID ST** **UST** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **Cortese**
0.246 mi. **CERS**
1298 ft. **Site 4 of 6 in cluster T**

Relative: **Lower**
Actual: **39 ft.**

LUST:

Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Address:	17100 EUCLID
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900090
Global Id:	T0605900090
Latitude:	33.714333867
Longitude:	-117.93660759
Status:	Open - Assessment & Interim Remedial Action

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Status Date: 07/11/2019
Case Worker: DW
RB Case Number: 083000118T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 96UT021
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

LUST:
Global Id: T0605900090
Contact Type: Local Agency Caseworker
Contact Name: DAN WEERASEKERA
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. Dyer Rd. Suite 120
City: SANTA ANA
Email: dweerasekera@ochca.com
Phone Number: 7144336255

LUST:
Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 02/17/2011
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/20/2015
Action: File review

Global Id: T0605900090
Action Type: Other
Date: 06/19/1996
Action: Leak Discovery

Global Id: T0605900090
Action Type: RESPONSE
Date: 08/09/2019
Action: Correspondence

Global Id: T0605900090
Action Type: RESPONSE
Date: 08/27/2018
Action: Request for Closure - Regulator Responded

Global Id: T0605900090
Action Type: RESPONSE
Date: 11/08/2019
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 06/21/1996

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Action: Notice of Responsibility

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 02/04/2004
Action: Notice of Violation

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 04/16/2004
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/22/2011
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 03/01/2012
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/20/2012
Action: File review

Global Id: T0605900090
Action Type: REMEDIATION
Date: 12/01/1997
Action: Free Product Removal

Global Id: T0605900090
Action Type: REMEDIATION
Date: 09/15/1997
Action: Free Product Removal

Global Id: T0605900090
Action Type: REMEDIATION
Date: 11/26/1996
Action: Excavation

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 02/04/2005
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/21/2012
Action: Staff Letter

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/19/2012
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/07/2013
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 10/02/2012
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/06/2013
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 08/08/2013
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 10/22/2018
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 06/21/2018
Action: Site Visit / Inspection / Sampling

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 06/20/2018
Action: File review

Global Id: T0605900090
Action Type: Other
Date: 06/19/1996
Action: Leak Reported

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/03/2013
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 08/08/2013
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Date: 02/11/2013
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 10/25/2018
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 07/06/2009
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/06/2019
Action: Meeting

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 06/21/2019
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 03/21/2019
Action: File review

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 02/21/2020
Action: Email Correspondence

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 11/12/2019
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 09/10/2019
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 12/11/2019
Action: Staff Letter

Global Id: T0605900090
Action Type: RESPONSE
Date: 09/21/1996
Action: Soil and Water Investigation Report

Global Id: T0605900090
Action Type: RESPONSE
Date: 04/11/2004
Action: Soil and Water Investigation Workplan

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/07/2010
Action: Staff Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 05/23/2019
Action: Closure Denial Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 06/24/2019
Action: Closure Denial Letter

Global Id: T0605900090
Action Type: ENFORCEMENT
Date: 02/22/2019
Action: File review

LUST:
Global Id: T0605900090
Status: Open - Case Begin Date
Status Date: 06/19/1996

Global Id: T0605900090
Status: Open - Site Assessment
Status Date: 06/18/1997

Global Id: T0605900090
Status: Open - Verification Monitoring
Status Date: 02/04/2005

Global Id: T0605900090
Status: Open - Remediation
Status Date: 06/03/2009

Global Id: T0605900090
Status: Open - Eligible for Closure
Status Date: 05/07/2013

Global Id: T0605900090
Status: Open - Remediation
Status Date: 10/01/2013

Global Id: T0605900090
Status: Open - Assessment & Interim Remedial Action
Status Date: 07/11/2019

ORANGE CO. UST:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: FA0024447

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID
City,State,Zip: FOUNTAIN VALLEY 92708
Facility ID: FA24447

UST:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: FA0024447
Permitting Agency: Orange County Environmental Health
Latitude: 33.71398
Longitude: -117.93437

CORTESE:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900090
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 200058
CERS ID: T0605900090
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DAN WEERASEKERA - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E. Dyer Rd. Suite 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **U003432998**

Affiliation Zip: Not reported
Affiliation Phone: 7144336255

T101 **FOUNTAIN VALLEY REGIONAL HOSPITAL** **CERS HAZ WASTE** **1005775275**
SE **17100 EUCLID ST** **CERS TANKS** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708** **FINDS**
0.246 mi. **ECHO**
1298 ft. **Site 5 of 6 in cluster T** **EMI**
HAZNET
Relative: **CERS**
Lower **HWTS**

Actual:
39 ft.

CERS HAZ WASTE:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 413341
CERS ID: 10513879
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 413341
CERS ID: 10513879
CERS Description: Underground Storage Tank

Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 413341
CERS ID: 10513879
CERS Description: Aboveground Petroleum Storage

FINDS:
Registry ID: 110002417885

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1005775275
Registry ID: 110002417885
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002417885

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708

EMI:

Name:	FOUNTAIN VALLEY REGIONAL HOSP,
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FOUNTAIN VALLEY REGIONAL HOSP,
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	FOUNTAIN VALLEY REGIONAL HOSP,
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	1998
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FOUNTAIN VALLEY REGIONAL HOSP,
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Year: 1999
County Code: 30
Air Basin: SC
Facility ID: 60541
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FOUNTAIN VALLEY REGIONAL HOSP,
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Year: 2000
County Code: 30
Air Basin: SC
Facility ID: 60541
Air District Name: SC
SIC Code: 8062
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: FOUNTAIN VALLEY REGIONAL HOSP,
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Year: 2001
County Code: 30
Air Basin: SC
Facility ID: 60541
Air District Name: SC
SIC Code: 8062

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	2
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

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2002
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
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

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2003
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
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

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2004
County Code:	30
Air Basin:	SC

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.7026
Reactive Organic Gases Tons/Yr:	1.23
Carbon Monoxide Emissions Tons/Yr:	1.3821
NOX - Oxides of Nitrogen Tons/Yr:	2.291
SOX - Oxides of Sulphur Tons/Yr:	0.02047
Particulate Matter Tons/Yr:	0.16835
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.17

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2005
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.22823
Reactive Organic Gases Tons/Yr:	.111000904
Carbon Monoxide Emissions Tons/Yr:	1.3355
NOX - Oxides of Nitrogen Tons/Yr:	1.942
SOX - Oxides of Sulphur Tons/Yr:	.014425
Particulate Matter Tons/Yr:	.14295
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1419135

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2008
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8060
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.828387087176806176
Reactive Organic Gases Tons/Yr:	.89
Carbon Monoxide Emissions Tons/Yr:	1.4
NOX - Oxides of Nitrogen Tons/Yr:	.78
SOX - Oxides of Sulphur Tons/Yr:	.01436
Particulate Matter Tons/Yr:	.13
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.13

Name:	FOUNTAIN VALLEY REGIONAL HOSP,
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Year:	2011
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8060
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.6666425008
Reactive Organic Gases Tons/Yr:	1.20429
Carbon Monoxide Emissions Tons/Yr:	0.45954
NOX - Oxides of Nitrogen Tons/Yr:	0.7881
SOX - Oxides of Sulphur Tons/Yr:	0.01579
Particulate Matter Tons/Yr:	0.1469
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.14614232

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2012
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8060
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.59072513437
Reactive Organic Gases Tons/Yr:	0.37655
Carbon Monoxide Emissions Tons/Yr:	0.52314
NOX - Oxides of Nitrogen Tons/Yr:	0.73705
SOX - Oxides of Sulphur Tons/Yr:	0.00894
Particulate Matter Tons/Yr:	0.13197
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.1314876

Name:	FOUNTAIN VALLEY REGIONAL HOSP,B HANNA ET
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2013
County Code:	30
Air Basin:	SC
Facility ID:	60541
Air District Name:	SC
SIC Code:	8062
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.65953961803
Reactive Organic Gases Tons/Yr:	0.51561
Carbon Monoxide Emissions Tons/Yr:	1.29894
NOX - Oxides of Nitrogen Tons/Yr:	0.44995
SOX - Oxides of Sulphur Tons/Yr:	0.00895
Particulate Matter Tons/Yr:	0.13208
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.1315976

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

HAZNET:

Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Address:	17100 EUCLID ST
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927084004
Contact:	JOHN RUPPERT
Telephone:	7149668190
Mailing Name:	Not reported
Mailing Address:	17100 EUCLID ST
Year:	2019
Gepaid:	CAL000000167
TSD EPA ID:	NED981723513
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.93400
Year:	2019
Gepaid:	CAL000000167
TSD EPA ID:	UTD981552177
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.80750
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	CAD008364432
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.20750
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	NED981723513
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	1.23450
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.71950
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05950
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	CAD008364432

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	0.00700
Year:	2018
Gepaid:	CAL000000167
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:	0.46200
Year:	2018
Gepaid:	CAL000000167
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02950
Year:	2018
Gepaid:	CAC002943332
TSD EPA ID:	AZC950823111
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:	1.15000

Click this hyperlink while viewing on your computer to access
223 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2001
Gen EPA ID:	CAL000000167
Shipment Date:	20011116
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011128
Manifest ID:	21388951
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D009
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011116
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011203
Manifest ID:	21388950
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
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:	20011116
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011203
Manifest ID:	21388950
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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:	20011116
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011120
Manifest ID:	21388949

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011116
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011203
Manifest ID:	21388950
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
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:	20011116
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011129
Manifest ID:	21388948
Trans EPA ID:	CA0000970392
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:	331 - Off-specification, aged, or surplus organics

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

RCRA Code:	D001
Meth Code:	H01 - Transfer Station
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
Additional Code 5:	Not reported
Shipment Date:	20011116
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011120
Manifest ID:	21388949
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011114
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011120
Manifest ID:	21204212
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	20010907
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010919
Manifest ID:	20940377
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	20010702
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010711
Manifest ID:	20737173
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000000167
Shipment Date:	20111215
Creation Date:	3/17/2012 20:30:22
Receipt Date:	20111228

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Manifest ID:	000506767VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111215
Creation Date:	3/17/2012 20:30:22
Receipt Date:	20111228
Manifest ID:	000506767VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.05
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:	20111110
Creation Date:	1/27/2012 20:30:11
Receipt Date:	20111118
Manifest ID:	000506660VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	0.075
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:	20111110
Creation Date:	1/27/2012 20:30:11
Receipt Date:	20111118
Manifest ID:	000506660VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	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:	12/27/2011 18:30:48
Receipt Date:	20111026
Manifest ID:	000480970VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.125

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111013
Creation Date:	12/27/2011 18:30:48
Receipt Date:	20111026
Manifest ID:	000480970VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.05
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:	20110915
Creation Date:	12/9/2011 18:30:13
Receipt Date:	20110921
Manifest ID:	000099401VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20110830
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110901
Manifest ID:	008780070JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
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:	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:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110830
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110901
Manifest ID:	008780070JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
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:	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:	0.05
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:	20110811
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110819
Manifest ID:	000480832VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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

Additional Info:

Year:	2008
Gen EPA ID:	CAL000000167
Shipment Date:	20081016
Creation Date:	12/8/2008 18:30:08
Receipt Date:	20081024
Manifest ID:	000099356VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.1
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:	20081014
Creation Date:	3/9/2009 18:30:21
Receipt Date:	20081016
Manifest ID:	005002628JJK
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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 Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081014
Creation Date:	3/9/2009 18:30:21
Receipt Date:	20081016
Manifest ID:	005002628JJK
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:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080814
Creation Date:	10/1/2008 18:30:31
Receipt Date:	20080821
Manifest ID:	000099286VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	20080612
Creation Date:	8/8/2008 18:30:37
Receipt Date:	20080626
Manifest ID:	000098562VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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:	20080521
Creation Date:	11/3/2008 18:30:40
Receipt Date:	20080529
Manifest ID:	003951466JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000030452
Trans Name:	LIQUID ENVIRONMENTAL SOLUTIONS OF ARIZONA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.209
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20080521
Creation Date:	10/8/2008 18:30:08
Receipt Date:	20080527
Manifest ID:	003951468JJK
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:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080521
Creation Date:	8/11/2008 18:30:30
Receipt Date:	20080527
Manifest ID:	003951467JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	KINSBURSKY BROTHERS INC
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:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080521
Creation Date:	10/8/2008 18:30:08
Receipt Date:	20080527
Manifest ID:	003951468JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	541 - Photochemicals / photo processing 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:	20080410
Creation Date:	6/5/2008 18:30:08
Receipt Date:	20080416
Manifest ID:	000099019VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000000167
Shipment Date:	20151203
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151210
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	2/8/2016 22:17:20
Receipt Date:	20151209
Manifest ID:	014771623JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON 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:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.046

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Waste Quantity:	92
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	6/11/2016 18:30:14
Receipt Date:	20151214
Manifest ID:	015367042JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.299
Waste Quantity:	598
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.049
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:	20151105
Creation Date:	5/12/2016 9:59:57
Receipt Date:	20151123
Manifest ID:	015132792JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2615
Waste Quantity:	523
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151005
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20151008
Manifest ID:	015132545JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	CAR000177576
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD008364432

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	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:	20151001
Creation Date:	4/7/2016 22:15:27
Receipt Date:	20151012
Manifest ID:	014771927JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.222
Waste Quantity:	444
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	014771923JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000000167
Shipment Date:	20031226
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031230
Manifest ID:	22832693
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	ENSCO WEST INC
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	20031216
Creation Date:	8/30/2004 14:52:16
Receipt Date:	20031224
Manifest ID:	22474152
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.72975
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031007
Creation Date:	8/3/2004 15:01:39
Receipt Date:	20031015
Manifest ID:	22832498
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	ENSCO WEST INC
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.17
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:	20030829
Creation Date:	8/2/2004 9:36:58
Receipt Date:	20030903
Manifest ID:	22913756
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
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:	20030811
Creation Date:	7/28/2004 10:47:10
Receipt Date:	20030820
Manifest ID:	22745797
Trans EPA ID:	ILD047267364
Trans Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	20030728
Creation Date:	7/26/2004 18:31:36
Receipt Date:	20030806
Manifest ID:	22395508
Trans EPA ID:	CAL000160111
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000017657
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD009007626
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1.85416
Waste Quantity:	2.2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030627
Creation Date:	7/23/2004 9:16:48
Receipt Date:	20030703
Manifest ID:	22861195
Trans EPA ID:	CA0000970392
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:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	H01 - Transfer Station

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	20030627
Creation Date:	7/23/2004 13:22:40
Receipt Date:	20030707
Manifest ID:	22861353
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.114
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030627
Creation Date:	7/23/2004 9:16:48
Receipt Date:	20030703
Manifest ID:	22861195
Trans EPA ID:	CA0000970392
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:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20030627
Creation Date:	7/22/2004 9:56:39
Receipt Date:	20030703
Manifest ID:	22861352
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
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

Additional Info:

Year:	2012
Gen EPA ID:	CAL000000167

Shipment Date:	20121218
Creation Date:	5/21/2013 22:15:06
Receipt Date:	20130108
Manifest ID:	010951304JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS (ARAGONITE)
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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121213
Creation Date:	2/17/2013 22:15:06
Receipt Date:	20121220
Manifest ID:	000649020VES
Trans EPA ID:	NJD080631369

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121213
Creation Date:	2/17/2013 22:15:06
Receipt Date:	20121220
Manifest ID:	000649020VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121115
Creation Date:	1/21/2013 22:15:09
Receipt Date:	20121127
Manifest ID:	000452907VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121115
Creation Date:	1/21/2013 22:15:09
Receipt Date:	20121127
Manifest ID:	000452907VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.075
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:	20121011
Creation Date:	12/24/2012 22:15:13
Receipt Date:	20121024
Manifest ID:	000452974VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.05
Waste Quantity:	100
Quantity Unit:	P

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121011
Creation Date:	12/24/2012 22:15:13
Receipt Date:	20121024
Manifest ID:	000452974VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical 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:	20121011
Creation Date:	12/24/2012 22:15:13
Receipt Date:	20121024
Manifest ID:	000452974VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121002

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Creation Date:	12/20/2012 22:15:08
Receipt Date:	20121017
Manifest ID:	000452942VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical 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:	0.3
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:	20121002
Creation Date:	12/20/2012 22:15:08
Receipt Date:	20121017
Manifest ID:	000452942VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000000167

Shipment Date:	19991007
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991027
Manifest ID:	99460545

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.136
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:	19990924
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991001
Manifest ID:	99097355
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
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:	19990924
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991001
Manifest ID:	99097355
Trans EPA ID:	CAD983668583
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic,

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

	barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990924
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99097354
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:	725 - Liquids with mercury > 20 mg/l
RCRA Code:	D009
Meth Code:	H01 - Transfer Station
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:	19990924
Creation Date:	11/18/1999 0:00:00
Receipt Date:	19990928
Manifest ID:	99097354
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:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990727
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990813
Manifest ID:	98769989
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	19990630
Creation Date:	9/1/1999 0:00:00
Receipt Date:	19990714
Manifest ID:	98769766
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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:	19990517
Creation Date:	7/30/1999 0:00:00
Receipt Date:	19990603
Manifest ID:	98769702
Trans EPA ID:	ILD047267364

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.085
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:	19990514
Creation Date:	7/19/1999 0:00:00
Receipt Date:	19990520
Manifest ID:	99142601
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	19990514
Creation Date:	7/13/1999 0:00:00
Receipt Date:	19990524
Manifest ID:	99142600
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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 Info:

Year:	2005
Gen EPA ID:	CAL000000167
Shipment Date:	20051219
Creation Date:	6/22/2006 18:32:03
Receipt Date:	20051230
Manifest ID:	24656517
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
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:	20051207
Creation Date:	1/3/2007 18:30:08
Receipt Date:	20051209
Manifest ID:	24072655
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051123
Creation Date:	1/2/2007 18:30:32
Receipt Date:	20051201
Manifest ID:	24072651
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.4595
Waste Quantity:	350
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051110
Creation Date:	7/12/2006 18:30:47
Receipt Date:	20051116
Manifest ID:	24072648
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.2927
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
Shipment Date:	20051025
Creation Date:	5/24/2006 18:31:13
Receipt Date:	20051028
Manifest ID:	24072636

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.5429
Waste Quantity:	370
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051011
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051014
Manifest ID:	24072553
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.0842
Waste Quantity:	260
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051010
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051014
Manifest ID:	24396863
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20050930
Creation Date:	3/12/2006 18:30:40
Receipt Date:	20051005
Manifest ID:	24072468
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	*** - Invalid Code
Quantity Tons:	46.7457
Waste Quantity:	11210
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	8/23/2006 18:32:59
Receipt Date:	20050920
Manifest ID:	24072438
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	20050915
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	23777618
Trans EPA ID:	CAL000267404
Trans Name:	CLEAN FUELS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	INDUSTRIAL SERVICES OIL COMPANY INC
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.513
Waste Quantity:	135
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000000167
Shipment Date:	20101209
Creation Date:	2/19/2011 18:30:18
Receipt Date:	20101215
Manifest ID:	000476442VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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:	20100913
Creation Date:	2/8/2011 18:30:37

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Receipt Date:	20100922
Manifest ID:	007669008JJK
Trans EPA ID:	CAD982492399
Trans Name:	ALL CHEMICAL DISPOSAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	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:	20100913
Creation Date:	2/8/2011 18:30:37
Receipt Date:	20100922
Manifest ID:	007669008JJK
Trans EPA ID:	CAD982492399
Trans Name:	ALL CHEMICAL DISPOSAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U101
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	U058
Additional Code 2:	U010
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100909
Creation Date:	12/3/2010 18:30:42
Receipt Date:	20100915
Manifest ID:	000476142VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
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:	0.175
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:	20100903
Creation Date:	12/3/2010 18:30:49
Receipt Date:	20100909
Manifest ID:	007702275JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES 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:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100903
Creation Date:	2/8/2011 18:30:09
Receipt Date:	20100913
Manifest ID:	007702278JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000189928
Trans 2 Name:	NV TRANSPORT
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	20100903
Creation Date:	12/3/2010 18:31:04
Receipt Date:	20100910
Manifest ID:	007702277JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	KINSBURSKY BROTHERS INC
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:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100903
Creation Date:	2/8/2011 18:30:24
Receipt Date:	20100914
Manifest ID:	007702276JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	20100903
Creation Date:	2/8/2011 18:30:24
Receipt Date:	20100914
Manifest ID:	007702276JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100903
Creation Date:	2/8/2011 18:30:24
Receipt Date:	20100914
Manifest ID:	007702276JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000000167
Shipment Date:	20141211

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Creation Date:	3/6/2015 22:15:05
Receipt Date:	20141212
Manifest ID:	013363217JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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

Shipment Date:	20141211
Creation Date:	3/3/2015 22:14:59
Receipt Date:	20141217
Manifest ID:	013363244JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON 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:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.028
Waste Quantity:	56
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:	20141113
Creation Date:	1/26/2015 22:15:11
Receipt Date:	20141114
Manifest ID:	013363015JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
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:	0.1251
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

Shipment Date:	20141009
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20141021
Manifest ID:	013362752JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	U150
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.094
Waste Quantity:	188
Quantity Unit:	P
Additional Code 1:	U059
Additional Code 2:	U058
Additional Code 3:	U035
Additional Code 4:	U010
Additional Code 5:	Not reported

Shipment Date:	20141009
Creation Date:	12/17/2014 22:14:47
Receipt Date:	20141017
Manifest ID:	013362753JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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)

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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
Shipment Date:	20141009
Creation Date:	4/8/2015 22:14:59
Receipt Date:	20141021
Manifest ID:	013362752JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.072
Waste Quantity:	144
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D010
Additional Code 3:	D009
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20140911
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140912
Manifest ID:	013371077JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20140814
Creation Date:	9/30/2014 22:15:08
Receipt Date:	20140815
Manifest ID:	012953282JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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

Shipment Date:	20140710
Creation Date:	9/14/2014 22:15:04
Receipt Date:	20140711
Manifest ID:	012953281JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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

Shipment Date:	20140612
Creation Date:	8/14/2014 22:15:24
Receipt Date:	20140620
Manifest ID:	012952883JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	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:	0.1251
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 Info:

Year:	2004
Gen EPA ID:	CAL000000167
Shipment Date:	20041014
Creation Date:	1/10/2005 18:31:02
Receipt Date:	20041027
Manifest ID:	23854954
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NON
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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:	20041005
Creation Date:	1/10/2005 18:31:02
Receipt Date:	20041008
Manifest ID:	24068702
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
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:	20040914
Creation Date:	3/16/2007 18:31:12
Receipt Date:	20040921
Manifest ID:	23829544
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD080631369
Trans 2 Name:	ONYX ENVIRONMENTAL SR V
TSDF EPA ID:	AZ0000337360
Trans Name:	ONYX SPECIAL SERVICES INC
TSDF Alt EPA ID:	AZ0000337360
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	R01 - Recycler
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:	20040914
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040917
Manifest ID:	23829545
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
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:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040805
Creation Date:	1/4/2005 18:32:14
Receipt Date:	20040813
Manifest ID:	23448341
Trans EPA ID:	CAR000009423
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	NA
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.7089
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:	20040805
Creation Date:	1/4/2005 18:32:14
Receipt Date:	20040811
Manifest ID:	23453080
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NON
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	20040625
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040629
Manifest ID:	23448276
Trans EPA ID:	CAR000009423

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	NA
Meth Code:	T01 - Treatment, Tank
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:	20040615
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040702
Manifest ID:	23453584
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NON
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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:	20040419
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040428
Manifest ID:	23453429
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	20040310
Creation Date:	8/23/2004 8:16:48
Receipt Date:	20040317
Manifest ID:	22832996
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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 Info:

Year:	1995
Gen EPA ID:	CAL000000167
Shipment Date:	19951109
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951116
Manifest ID:	95462226
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951011
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951016
Manifest ID:	95139793
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19951011
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951016
Manifest ID:	95139793
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950803
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950809
Manifest ID:	95462097

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950511
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950515
Manifest ID:	95664052
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950511
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950515
Manifest ID:	95664052
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950508
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950518
Manifest ID:	95016518
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2226
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950508
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950510
Manifest ID:	95370414
Trans EPA ID:	CAD983673930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	R01 - Recycler
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	19950308
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950308
Manifest ID:	93097972
Trans EPA ID:	CAD983673930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950308
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950308
Manifest ID:	93097972
Trans EPA ID:	CAD983673930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000000167
Shipment Date:	20021213
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021214

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Manifest ID:	21867082
Trans EPA ID:	CAR000009423
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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.72975
Waste Quantity:	175
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021209
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021218
Manifest ID:	22092018
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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:	20021113
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021115
Manifest ID:	21866996
Trans EPA ID:	CAR000009423
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.85485
Waste Quantity:	205
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021101
Creation Date:	3/16/2007 18:30:20
Receipt Date:	20021112
Manifest ID:	22068715
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	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
Shipment Date:	20021029
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021031
Manifest ID:	22068626
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
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:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021029
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021031
Manifest ID:	22068626
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
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:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021029
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021031
Manifest ID:	22068624
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
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:	20021029
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021031
Manifest ID:	22068624
Trans EPA ID:	CA0000970392
Trans Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
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:	20021016
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021022
Manifest ID:	21866938
Trans EPA ID:	CAR000009019
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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.10425
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:	20021014
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021023
Manifest ID:	22092394
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Tons:	0.187
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 Info:

Year:	2015
Gen EPA ID:	CAL000000167
Shipment Date:	20151203
Creation Date:	2/8/2016 22:17:20
Receipt Date:	20151209
Manifest ID:	014771623JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON 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:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.049
Waste Quantity:	98
Quantity Unit:	P

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.046
Waste Quantity:	92
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151203
Creation Date:	6/11/2016 18:30:14

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Receipt Date:	20151214
Manifest ID:	015367042JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.299
Waste Quantity:	598
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151203
Creation Date:	3/2/2016 22:15:14
Receipt Date:	20151210
Manifest ID:	015367037JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151105
Creation Date:	5/12/2016 9:59:57
Receipt Date:	20151123
Manifest ID:	015132792JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2615
Waste Quantity:	523
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151005
Creation Date:	1/11/2016 22:15:53
Receipt Date:	20151008
Manifest ID:	015132545JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	CAR000177576
Trans 2 Name:	DOUBLE BARREL ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	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:	20151001
Creation Date:	4/7/2016 22:15:27
Receipt Date:	20151012
Manifest ID:	014771927JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.222
Waste Quantity:	444
Quantity Unit:	P

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150917
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	014771923JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000000167
Shipment Date:	19981201
Creation Date:	1/21/1999 0:00:00
Receipt Date:	19981202
Manifest ID:	98203739
Trans EPA ID:	CAR000017657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
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:	2.5284
Waste Quantity:	3
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	19981112
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981117
Manifest ID:	98200358
Trans EPA ID:	CAR000017657
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
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:	10.1136
Waste Quantity:	12
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:	19981013
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981021
Manifest ID:	98116113
Trans EPA ID:	CAR000009423
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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
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:	19981012
Creation Date:	12/8/1998 0:00:00
Receipt Date:	19981022
Manifest ID:	96830772
Trans EPA ID:	CAL000160732
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
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:	19980928
Creation Date:	2/2/1999 0:00:00
Receipt Date:	19981027
Manifest ID:	98554435
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	CAT080022148
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.17
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:	19980807
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980807
Manifest ID:	97251516
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	19980807
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	97251516
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225
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:	19980807
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980807
Manifest ID:	97251516
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
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:	19980807

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980807
Manifest ID:	97251516
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980807
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980807
Manifest ID:	97251516
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F001
Meth Code:	H01 - Transfer Station
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

Additional Info:

Year:	2000
Gen EPA ID:	CAL000000167

Shipment Date:	20001211
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001212
Manifest ID:	99249502
Trans EPA ID:	CAR000009423
Trans Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.1259
Waste Quantity:	270
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000912
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000914
Manifest ID:	99329522
Trans EPA ID:	CAR000009423
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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000906
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000915
Manifest ID:	99683190
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Tons:	0.17
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:	20000728
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000801
Manifest ID:	20468548
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.85
Waste Quantity:	1700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000711
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20000711
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000711
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000711
Creation Date:	11/13/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
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:	20000711
Creation Date:	11/13/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
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:	20000711
Creation Date:	11/13/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	99808568
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD050806850
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	F001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000000167
Shipment Date:	20131212
Creation Date:	1/29/2014 22:15:13
Receipt Date:	20131220
Manifest ID:	012118522JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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
Shipment Date:	20131120
Creation Date:	1/12/2014 22:15:07
Receipt Date:	20131202
Manifest ID:	012120401JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	0.091
Waste Quantity:	182
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131120
Creation Date:	1/12/2014 22:15:07
Receipt Date:	20131202
Manifest ID:	012120401JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131120
Creation Date:	1/12/2014 22:15:07
Receipt Date:	20131202
Manifest ID:	012120401JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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
Shipment Date:	20131114
Creation Date:	12/23/2013 22:15:20
Receipt Date:	20131119
Manifest ID:	012120342JJK

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.05838
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:	20131010
Creation Date:	11/20/2013 22:15:20
Receipt Date:	20131018
Manifest ID:	012120189JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
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:	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:	0.1251
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
Shipment Date:	20131010
Creation Date:	12/4/2013 22:15:12
Receipt Date:	20131016
Manifest ID:	012120190JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130916
Creation Date:	1/28/2014 22:15:25
Receipt Date:	20130924
Manifest ID:	012120055JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	U150
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.0415
Waste Quantity:	83
Quantity Unit:	P
Additional Code 1:	U059
Additional Code 2:	U058
Additional Code 3:	U035
Additional Code 4:	U010
Additional Code 5:	Not reported
Shipment Date:	20130916
Creation Date:	1/28/2014 22:15:25
Receipt Date:	20130924
Manifest ID:	012120055JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
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:	D011
Additional Code 2:	D010

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 3:	D009
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20130916
Creation Date:	11/4/2013 22:15:04
Receipt Date:	20130918
Manifest ID:	012120054JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0525
Waste Quantity:	105
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000000167
Shipment Date:	19961204
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961212
Manifest ID:	96558746
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	19961204
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961212
Manifest ID:	96558746
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961204
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961213
Manifest ID:	96558747
Trans EPA ID:	CAD081157166
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:	221 - Waste oil and mixed oil
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.209
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961204
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961211
Manifest ID:	96558748
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	R01 - Recycler
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:	19961119
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961120
Manifest ID:	96323178
Trans EPA ID:	CAD087169686
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.336
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
Shipment Date:	19961009
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961015
Manifest ID:	96199148
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	CAD983668583
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960806
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960814
Manifest ID:	96199034
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	F003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.168
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:	19960806
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960813
Manifest ID:	96110046
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960806
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960813

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Manifest ID:	96110046
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.2293
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:	19960806
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960813
Manifest ID:	96110046
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.0208
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
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000000167

Shipment Date:	20171207
Creation Date:	6/13/2018 18:30:46
Receipt Date:	20171214
Manifest ID:	018247928JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.149
Waste Quantity:	298
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	6/13/2018 18:30:46
Receipt Date:	20171214
Manifest ID:	018247928JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4575
Waste Quantity:	915
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	10/4/2018 18:30:16
Receipt Date:	20171215
Manifest ID:	018247929JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	NED981723513
TSDF Alt Name:	CLEAN HARBORS KIMBALL
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Tons:	0.295
Waste Quantity:	590
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171103
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0245
Waste Quantity:	49
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D010
Additional Code 3:	D009
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20171103
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	20171103
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.124
Waste Quantity:	248
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171103
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
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:	20171103
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171103
Creation Date:	6/27/2018 18:30:19
Receipt Date:	20171109
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171103
Creation Date:	6/27/2018 18:30:19
Receipt Date:	20171109
Manifest ID:	018039595JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC (LA)
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000000167
Shipment Date:	19971208
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971211
Manifest ID:	96862188
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.187
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:	19971204
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	97467990
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971204
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	97467990
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971204
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971212
Manifest ID:	97467990
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	- Not reported
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971010
Creation Date:	7/23/1998 0:00:00

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Receipt Date:	19971014
Manifest ID:	96609051
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	322 - Biological waste other than sewage sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971010
Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971016
Manifest ID:	96110141
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971010
Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971016
Manifest ID:	96110141
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971010
Creation Date:	3/18/1998 0:00:00
Receipt Date:	19971016
Manifest ID:	96110141
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971010
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971016
Manifest ID:	96609050
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971010
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971016
Manifest ID:	96609050
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
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 Info:

Year:	2009
Gen EPA ID:	CAL000000167
Shipment Date:	20091210
Creation Date:	10/8/2010 18:30:56
Receipt Date:	20091218
Manifest ID:	000312031VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	20091112
Creation Date:	5/20/2010 18:30:26
Receipt Date:	20091119
Manifest ID:	005934704JJK
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:	181 - Other inorganic solid waste 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:	0.45
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:	20091112
Creation Date:	3/5/2010 18:31:15
Receipt Date:	20091121
Manifest ID:	005934703JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091112
Creation Date:	3/5/2010 18:31:15
Receipt Date:	20091121
Manifest ID:	005934703JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D007
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5
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

Shipment Date:	20091112
Creation Date:	6/30/2010 18:30:18
Receipt Date:	20091124
Manifest ID:	005934702JJK
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:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.187
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:	20091009
Creation Date:	12/8/2009 18:30:18
Receipt Date:	20091014
Manifest ID:	000199439VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

	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:	20090709
Creation Date:	8/20/2009 18:30:09
Receipt Date:	20090722
Manifest ID:	000199345VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.15
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:	20090514
Creation Date:	6/27/2009 18:30:20
Receipt Date:	20090522
Manifest ID:	000199248VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090326
Creation Date:	7/31/2009 18:30:21
Receipt Date:	20090402
Manifest ID:	005774041JJK
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:	181 - Other inorganic solid waste 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:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090326
Creation Date:	5/11/2009 18:30:21
Receipt Date:	20090403
Manifest ID:	005774040JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000030452
Trans Name:	LIQUID ENVIRONMENTAL SOLUTIONS OF ARIZONA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.209
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 Info:

Year:	2006
Gen EPA ID:	CAL000000167
Shipment Date:	20061114

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Creation Date:	3/30/2007 13:32:48
Receipt Date:	20061117
Manifest ID:	000229533GBF
Trans EPA ID:	CAR000017657
Trans Name:	BDC SPECIAL WASTE SERVICES
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:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061110
Creation Date:	3/30/2007 13:33:11
Receipt Date:	20061122
Manifest ID:	000048390VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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:	20060817
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060828
Manifest ID:	24655809
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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:	20060817
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060828
Manifest ID:	24655809
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
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:	20060622
Creation Date:	9/8/2006 18:31:48
Receipt Date:	20060630
Manifest ID:	24655833
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060607
Creation Date:	8/25/2006 18:36:37
Receipt Date:	20060615
Manifest ID:	24975719
Trans EPA ID:	CAR000172874
Trans Name:	ABLE ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
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:	20060519
Creation Date:	8/25/2006 18:36:07
Receipt Date:	20060523
Manifest ID:	25176577
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAD982030173
Trans 2 Name:	ECI
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
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:	20060511
Creation Date:	8/24/2006 18:31:59

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Receipt Date:	20060518
Manifest ID:	24655630
Trans EPA ID:	NJD080631369
Trans Name:	ONYX ENVIRONMENTAL SVCS LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2
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:	20060404
Creation Date:	2/22/2007 18:30:06
Receipt Date:	20060421
Manifest ID:	25186975
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD080631369
Trans 2 Name:	ONYX ENVIRONMENTAL SERVICES
TSDF EPA ID:	AZ0000337360
Trans Name:	ONYX ENVIRONMENTAL SERVICES LLC ERD
TSDF Alt EPA ID:	AZ0000337360
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D009
Meth Code:	R01 - Recycler
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060404
Creation Date:	7/27/2006 18:35:05
Receipt Date:	20060406
Manifest ID:	25186976
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	KINSBURSKY BROTHERS INC
TSDF Alt EPA ID:	CAD088504881

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
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

Additional Info:

Year:	2007
Gen EPA ID:	CAL000000167
Shipment Date:	20071213
Creation Date:	3/5/2008 18:30:20
Receipt Date:	20071226
Manifest ID:	000098736VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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:	20071005
Creation Date:	4/16/2008 18:30:18
Receipt Date:	20071021
Manifest ID:	003031414JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070913
Creation Date:	1/9/2008 18:30:28
Receipt Date:	20070919
Manifest ID:	000102976VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.2
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:	20070731
Creation Date:	1/25/2008 18:31:06
Receipt Date:	20070812
Manifest ID:	003022925JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	U121
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.06255
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

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20070813
Manifest ID:	003022926JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.005
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:	20070731
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20070813
Manifest ID:	003022926JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20070813
Manifest ID:	003022926JJK
Trans EPA ID:	CA0000970392

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	2/4/2008 18:30:32
Receipt Date:	20070813
Manifest ID:	003022926JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070731
Creation Date:	12/28/2007 18:31:29
Receipt Date:	20070801
Manifest ID:	003022927JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	20070731
Creation Date:	3/4/2008 18:30:07
Receipt Date:	20070806
Manifest ID:	003022928JJK
Trans EPA ID:	CA0000970392
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:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	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

Additional Info:

Year:	1994
Gen EPA ID:	CAL000000167
Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941031
Manifest ID:	92682332
Trans EPA ID:	CAD983673930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

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:	19940929
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19941004
Manifest ID:	95016430
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080022148
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.336
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
Shipment Date:	19940907
Creation Date:	10/11/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92682323
Trans EPA ID:	CAD982323552
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Meth Code:	- Not reported
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Shipment Date:	19940830
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940906
Manifest ID:	93753743
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	T03 - Treatment, Incineration
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:	19940830
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940906
Manifest ID:	93753743
Trans EPA ID:	CAD081157166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD981552177
Trans Name:	Not reported
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:	T03 - Treatment, Incineration
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

CERS:

Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Address:	17100 EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4004
Site ID:	468704
CERS ID:	110002417885
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Affiliation Type Desc: Local Agency Caseworker
Entity Name: SHYAMALA KALYANASUNDARAM ORNG CNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 E DYER ROAD SUITE 120
Affiliation City: SANTAANA
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NANCY OLSON MARTIN SANTA ANA RWQCB REGN 8
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREETNA SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 413341
CERS ID: 10513879
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 07-12-2016
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 06/28/2017. RCRA pharmaceutical waste containers observed in the pharmacy were missing some of the required elements on the markings. Ensure that all hazardous waste containers have the following: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information. You may provide a photograph of the RCRA pharmaceutical waste containers to this agency for review within 30 days (8/12/16) to correct this violation. Provide adequate training to staff.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-25-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: Returned to compliance on 03/06/2015. Please submit a revised designated operator owner statement indicating all designated operators that are authorized to conduct the monthly inspections and employee training. The document must be submitted electronically.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-04-2019
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Description: "Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows: Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection. For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection. "
Violation Notes: Returned to compliance on 06/27/2019. OBSERVATION: Facility did not maintain copies of the February 2019 Designated Operator (DO) inspection report. Copies of DO inspection reports completed before 10/1/18 for 12 months, or copies of those completed after 9/30/18 for 36 months. CORRECTIVE ACTION: Submit a copy of the February 2019 DO report immediately to this Agency via email to correct this violation.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 08-08-2014
Citation: 23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description: Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes: Returned to compliance on 03/02/2015. The monitoring system was certified on 6/25/14. The test report has not yet been received by this Agency. Please submit the test report to this Agency immediately.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-04-2019
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 06/24/2019. OBSERVATION: Owner/Operator did

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

not submit a current UST response plan via the California Environmental Report System (CERS) CORRECTIVE ACTION: Submit a current UST response plan to CERS immediately to correct this violation.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 04-24-2019
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Returned to compliance on 06/24/2019. OBSERVATION: Owner/operator failed to submit the G Underground Storage Tank Statement of Understanding and Compliance FormG via the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Submit the G Underground Storage Tank Statement of Understanding and Compliance FormG via CERS immediately. A copy of the document can be located at https://www.waterboards.ca.gov/ust/forms/docs/oosf_10_1_2018.pdf
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 05-01-2014
Citation: 22 CCR 23 66273.31(a) - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.31(a)
Violation Description: Failure of the universal waste handler to transfer universal waste to the appropriate designation facility.
Violation Notes: The universal waste storage area needs a general cleaning and the different waste streams should be labeled with "Universal Waste - Alkaline Batteries," Universal Waste - Electronic Devices," etc. Track storage times so that universal waste is not stored onsite for more than one year.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-28-2017
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 06/28/2017. Most of the hazardous waste containers were observed with appropriate labels, but several were missing the start date of accumulation. Ensure that hazardous waste labels include the following: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date CORRECTED

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

ONSITE
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-28-2017
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 11/08/2017. Boiler Room UST overfill protection is to be provided by both a fill tube shut-off valve and audible/visual alarm per the monitoring plan. On this date the audible/visual alarm was not working properly. A fill tube shut off valve was observed in place. USTs are required to have at least one of the following overfill protection components: a fill tube shut-off valve or an audible/visual alarm. This facility's monitoring plan states that both are to be used for overfill protection. Either amend the plan, or make repairs to the failed components so that the audible/visual alarm is functional.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 04-24-2019
Citation: HSC 6.7 25284(a)(3)(A)&(B) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)(A)&(B)
Violation Description: Failure to implement or maintain a written agreement between the UST owner and operator.
Violation Notes: Returned to compliance on 06/26/2019. Observation: Owner/Operator failed to implement or maintain a written agreement between the UST owner and the operator (owner/operator agreement). Corrective Action: Implement/Maintain written agreement between the UST owner and the operator (owner/operator agreement) and submit a copy electronically via the California Environmental Reporting System (CERS) immediately.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 07-27-2017
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16,

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Section(s) 2665

Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violation Notes: Returned to compliance on 11/08/2017. The Boiler Room underground storage tank uses the following two methods for overfill protection: fill tube shut-off valve and audible/visual alarm. On day of the test, the audible/visual alarm was not able to sound at 90 percent capacity simulated. Make necessary repairs such that audible/visual alarm works as intended. As noted on the test report, a new monitoring panel may be required as well, or maybe repaired. .If necessary, submit a UST plan to this agency for review for the repair/replacement of UST components. Provide information as to how the facility intends to correct this violation within 30 days (8/27/17).

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-28-2017
Citation: HSC 6.7 25290.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(e)

Violation Description: Failure to maintain the interstitial space such that a breach in the primary or secondary containment is detected before the liquid or vapor phase of the hazardous substance stored in the UST tank is released into the environment, i.e., vapor, pressure, hydrostatic (VPH) monitoring.

Violation Notes: Returned to compliance on 06/28/2017. The annular space on the Emergency Generator UST contained water (2 inches from the bottom in the riser) but was not placing the system into alarm. The annular sensor was cleaned and placed back into the UST at which time it alarmed. The water in the annular was removed and the sensor was determined to be functional. Carefully monitor this component of the tank system to see if more water intudes into the annular space and also to ensure that the sensor is working properly. CORRECTED ONSITE

Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 413341
Site Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date: 06-04-2019
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)

Violation Description: Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD),

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

	automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 06/04/2019. OBSERVATION: Owner/operator did not notify the local agency at least 48 hours prior to conducting the certification of monitoring on 4/8/2019 [23 CFR 2638(e)] CORRECTIVE ACTION: Owner/operator notified for this monitoring certification conducted this date and re-certified the tanks in the present of the inspector. Violation corrected.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	05-01-2014
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 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:	The RCRA-Pharmaceutical Waste container in use in the In-Patient Pharmacy was not labeled start date of accumulation.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-24-2019
Citation:	23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)
Violation Description:	Failure to submit a current UST Response Plan available on site.
Violation Notes:	Returned to compliance on 06/24/2019. OBSERVATION: Owner/Operator did not submit a current UST response plan to this Agency via the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Submit a current UST response plan electronically to CERS immediately.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	03-02-2015
Citation:	Un-Specified
Violation Description:	UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes:	Returned to compliance on 04/07/2015. UST facilities are required to submit the following documentation electronically either through the County's portal (https://www.esubmit.ocgov.com) or the State's portal (http://cers.calepa.ca.gov). Submit the following UST documentation for review: - Business Activities - Business Owner/Operator ID - UST Permit Application/Facility Information - UST Tank Information - UST Monitoring Plan(s) - UST Site Plan - UST Response Plan - UST Certificate of Financial Responsibility - UST Owner/Operator Agreement (if applicable)
Violation Division:	Orange County Environmental Health

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	05-01-2014
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 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:	The RCRA-Pharmaceutical Waste container in use in the In-Patient Pharmacy was not labeled with the following items: - Composition and Physical State of Waste - Hazardous Properties (i.e. Flammable, Toxic) - Generators Name and Address.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-24-2019
Citation:	23 CCR 16 2632(d)(1)(c),2641(h),2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(c),2641(h),2711(a)(8)
Violation Description:	Failure to submit or maintain a current facility plot plan.
Violation Notes:	Returned to compliance on 06/24/2019. OBSERVATION: Owner/Operator did not maintain and/or submit a current facility plot plan. The map is only showing the required information for one tank. Please label which tank the map is depicting and upload the second map for the other tank. The following information must be present on the maps: monitoring system control panel, sensor monitoring tank annular spaces, sumps, spill containers, mechanical or electrical line leak detector, in-tank liquid level probes (if used for leak detection). Please note the date map was prepared. CORRECTIVE ACTION: CORRECTIVE ACTION: Log-in to the California Environmental Reporting System (CERS), update and re-submit the Facility Plot Plan immediately. Maintain an approvedFacility Plot Plan on-site.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	06-29-2015
Citation:	23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description:	Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes:	Returned to compliance on 06/29/2015. This facility failed to conduct a monitoring system certification within the required twelve month frequency. The last certification was conducted on 6/25/2014. CORRECTED THIS DATE.
Violation Division:	Orange County Environmental Health
Violation Program:	UST

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-24-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 06/26/2019. OBSERVATION: Facility does not have an approved Monitoring Plan. Tank 1 & Tank 2 do not have the correct method listed for pipe monitoring. Additionally, Tank 1 does not have the correct tank material listed. CORRECTIVE ACTION: Log-in to the California Environmental Reporting System (CERS), revise and re-submit the Monitoring Plan immediately. Maintain an approved Monitoring Plan on-site.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	02-12-2020
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	needs to correct and update
Violation Division:	Fountain Valley Fire
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	06-25-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/17/2015. Certification of Financial Responsibility that was last submitted was valid through 6/1/14. It must be submitted electronically on an annual basis.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-17-2018
Citation:	23 CCR 16 2715(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(2)
Violation Description:	Failure to have at least one facility employee present during operating hours that has been trained in the proper operation and

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

	maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 04/19/2018. Facility employees have not been trained every 12 months and/or within 30 days of hire. Please conduct the required training and submit a copy of the training record to this Agency within 30 days. The most recent training record observed indicates a training date of 7/21/2016
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	06-29-2015
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes:	Returned to compliance on 08/11/2015. The Designated Operator's (DO) training records do not indicate that appropriate staff at the hospital have received the proper training within the last year. Since the system was in alarm at the time of this visit, the DO must provide another training instructing staff on the monitoring system and procedures to address alarms. Correct this violation within 30 days (7/29/2015). Submit a training sign-in sheet showing staff have received the appropriate training.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-24-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the G Designated Underground Storage Tank Operator Identification FormG within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 06/24/2019. OBSERVATION: Owner/Operator did not submit the G Designated Underground Storage Tank Operator Identification FormG to this Agency via the California Environmental Reporting System (CERS). CORRECTIVE ACTION: Submit G Designated Underground Storage Tank Operator Identification FormG electronically via CERS immediately.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	413341
Site Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Violation Date:	04-24-2019
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/26/2019. OBSERVATION: Financial responsibility documents have not been submitted electronically to this Agency via the California Environmental Reporting System (CERS). Current financial responsibility documents are required to be submitted annually. CORRECTIVE ACTION: Complete and submit a copy of the financial responsibility electronically via CERS immediately.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 02-17-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: An off-site, follow-up inspection was conducted this date (2/17/15). The items noted below are in reference to an onsite inspection of your facility conducted on 6/25/14. OUTSTANDING VIOLATIONS G 2/17/15 I205 - A monitoring certification test report still has not been received by this agency. Please submit a copy of the test report. TR10 - The submitted (E-Submit) designated operator statement lists a designated operator whose ICC certification has expired. Please re-submit the document with a current ICC-certified operator. CORRECTED VIOLATIONS G 2/17/15 TR05 - A current Certificate of Financial Responsibility was received by this agency. The CFR is valid until 6/2015.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-02-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: An off-site, follow-up inspection was conducted this date (3/2/15). The items noted below are in reference to an onsite inspection of your facility conducted on 6/25/14. OUTSTANDING VIOLATIONS G 3/2/15 TR10 - Submit electronically via E-Submit a revised Designated Operator Statement indicating the primary designated operator has a valid ICC-certification. CORRECTED VIOLATIONS G 3/2/15 I205 - A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 6/25/14 and witnessed by an inspector from this agency. The report and data show PASSING results
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Meeting with SBerg and discussion with project manager re: generator re-location and soil testing where old piping is removed. Email of text sent to Spencer (Project Manager, pa@mjkconstruction.com): Spencer, Last week you asked about doing a line test in lieu of the

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

soil sampling at the above site. I discussed the idea with our UST experts here and they stated that soil sampling would be required at the bend in the piping run between the UST and old backup generator location (at a minimum). The soil sampling should be at least 2-3 feet in depth from the start of native soil. Let me know if you have any other questions.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of piping removal plans
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review of plans - operator preparing for piping installation.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-04-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENT: TESTER: Brandon Bowers G verified ICC & Veeder-Root TANK: Diesel G Service Yard (5,000 gallons) Diesel G Boiler Room (5,000 gallons) MONITORING PANEL: Veeder-Root TLS-350 for the Service Yard Veeder-Root TLS-300C for the Boiler Room LEAK SENSORS: All sumps are monitored by VR-208 sensors. All annular spaces are monitored by VR-420 sensors. LLD: Suction piping for both tanks; no LLD. OVERFILL: Flappers, ATGs, and Ball Floats for all tanks. UDCs: No dispensers Monitoring Certification was last conducted on 4/17/2018. Secondary Containment Testing was last conducted on 6/28/2016 for Service Yard Generator 1 and 11/13/2017 for Boiler Room. Test is due every 36 months. Secondary containment test for the Service Yard Generator is DUE June 2019. Overfill Prevention Equipment Test was conducted on 8/10/2018. Test is due every 36 months. Please submit all test results within 30 days to this Agency. The [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0126909 Soil sampling test report (samping and testing conducted by Advanced GeoEnvironmental) received this date. Soil samples (taken 5/11/16) Results: NON DETECT for hydrocarbons.

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine UST inspection, monitoring system certification, and spill bucket testing. The facility has two double-walled tank systems each monitored by an EBW Autostik Jr system. Tank 1 supplies the compressor room for the backup generator, Tank 2 supplies the boiler room. The monitor is operational for audible and visual alarms. Flapper valves are used for overfill prevention. The sensors in the tank annulars, piping sump, and fill sumps trigger an external audible and visual alarm when submerged in fluid. Spill buckets were visually tested for 30 minutes. At the end of the test period, there was no indication of leakage. Testing was conducted by Dave Lopez Jr. of Clean Air Testing. Technician certifications (Franklin/Incon/EBW, ICC) were verified. Please submit the test reports to this Agency within 30 days. The following documents are available for review: monitoring plan, leak response plan, test reports, maintenance records, DO monthly reports, and DO [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-06-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (3/6/15). The items noted below are in reference to an onsite inspection of your facility conducted on 6/25/14. OUTSTANDING VIOLATIONS G 3/6/15 I213 - UST facilities are required to submit the following documentation electronically either through the County's portal (https://www.esubmit.ocgov.com) or the State's portal (http://cers.calepa.ca.gov). Submit the following UST documentation for review: - Business Activities - Business Owner/Operator ID - UST Permit Application/Facility Information - UST Tank Information - UST Monitoring Plan(s) - UST Site Plan - UST Response Plan - UST Certificate of Financial Responsibility - UST Owner/Operator Agreement (if applicable) CORRECTED VIOLATIONS G 3/6/15 H8 G An approved Medical Waste Management Plan (MWMP) has been submitted to our agency
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval General Type: Other/Unknown
Eval Date: 03-31-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following deficiencies were noted in this facility's UST submittal in E-Submit: Tank Info IV. Tank Construction - Primary construction = steel, Secondary construction = steel. Verify that the secondary containment of the USTs are constructed of steel VI. Vent, Vapor Recovery (VR) And Riser / Fill Pipe Piping Construction - Fill Components Installed: Striker Plate not checked, but must be checked VIII. Corrosion Protection - None checked, but "Isolation" should be indicated UST Monitoring Plan - must upload site plot plan/map IV. Tank Monitoring Is Performed Using The Following Method(s) - Continuous tank monitoring, ATG monitoring, and Statistical Inventory Reconciliation indicated. Choose which type of monitoring is used (Only "Continuous Monitoring" is most likely choice) VII. Periodic System Testing - verify that ELDs are present VIII. Record Keeping - must check "Equipment and Calibration Records" Designated Operator [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: A second review of this facility's UST submittal was conducted today. The only item addressed from the last review was the submittal of a site plot plan. The following deficiencies are still outstanding: Tank Info IV. Tank Construction - Primary construction = steel, Secondary construction = steel. Verify that the secondary containment of the USTs are constructed of steel VI. Vent, Vapor Recovery (VR) And Riser / Fill Pipe Piping Construction - Fill Components Installed: Striker Plate not checked, but must be checked VIII. Corrosion Protection - None checked, but "Isolation" should be indicated UST Monitoring Plan IV. Tank Monitoring Is Performed Using The Following Method(s) - Continuous tank monitoring, ATG monitoring, and Statistical Inventory Reconciliation indicated. Choose which type of monitoring is used (Only "Continuous Monitoring" is most likely choice) VII. Periodic System Testing - verify that ELDs are present VIII. Record [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Contractor contacted me with questions re: alternatives to doing soil sampling for upcoming piping reconfiguration.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-24-2014

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitor certification. Paul McLane (Sunwest Engineering) conducted the monitoring certification testing and provided current ICC certification. Note that no Autostik certifications are available for this monitoring system. NOTE: Over two gallons of rainwater were observed in the piping sump of the Compressor Backup Generator Tank. Ensure that water/fuel is promptly removed from the sumps and the UST system is assessed for tightness. Additionally the system was in alarm at the time of this visit. Onsite staff and the facility's Designated Operator MUST be available to promptly address any alarm situation (on this occasion, the alarm was a high water alarm in the Compressor UST). This facility contains: 2 - 5000g USTs (Boiler Room and Compressor Room Backup Generators) No UDCs Note that Compressor Room Backup Generator is in the midst of construction. Changes to the monitoring system and/or UST [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitoring system certification. Ken Withee (Sunwest) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 2 - UST Systems (Emergency Generator (Veeder Root), Boiler Room (Autostik)) Emergency generator monitor panel read all functions normal. The Boiler Room (Autostik) panel was not able to print out an alarm history, though the tape was able to display the alarms simulated for the tests conducted today. Per the operator, a new monitoring panel may be forthcoming. This change may require a plan check review of the change/upgrade to the system. Both tanks use a suction system. No leak detectors present. Overfill protection provided by both audible/visual alarms and flapper valve for the Emergency Generator tank and Boiler Room Tank. Sensors were observed positioned so as to initiate alarms at the earliest point possible. [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-29-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Notes: CERS review. NOT ACCEPTED. An onsite visit to the site was conducted on 6/28/17. The following deficiencies in this submittal were noted: TANK INFORMATION (COMPRESSOR/BACKUP GENERATOR) Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction - Fill Components Installed: Striker Plate should state "Yes" Corrosion Protection: None selected - One of the methods must be chosen (typically "Isolation") MONITORING PLAN (COMPRESSOR/BACKUP GENERATOR) - Tank Monitoring is Performed Using the Following Method: - The submittal states "AUTO-STIK." The monitoring panel is a Veeder-Root TLS-350. Make the correction. - The Tank Leak Sensor is a VR- 420 - Automatic Tank Gauging: Check "NO" and remove all of the model make and number information Pipe Monitoring is Performed Using the Following Method: - Again the panel for this UST is a Veeder-Root TLS350 and the sensor is a VR-208 - Mechanical Line Leak Detector should state "NO" - [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-27-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 6/28/17 and witnessed by this inspector. Note that there are two tank systems at this facility and two monitor system certification reports (Emergency Generator (Veeder Root), Boiler Room (Autostik)) EMERGENCY GENERATOR The following components PASSED testing: Tank Annular Sensor (1) - passed initial test, but needed to be repaired to properly go out of alarm Fill Sump Sensor (1) Audible/Visual Overfill Alarm Spill Buckets Visual Test BOILER ROOM The following components PASSED testing: Tank Annular Sensor (1) Piping Sump Sensor (1) Fill Sump Sensor (1) Spill Buckets Visual Test
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-08-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS This is a follow up to the inspection conducted on 6/25/14. During that inspection, two violations were cited: (TR05) Failure to electronically submit current documents that demonstrate financial responsibility for the USTs (TR10) Failure to submit a revised Designated Operator Owners Statement that indicates all DOs that are utilized by the facility. These violations will remain outstanding until the documents are submitted electronically and reviewed by this Agency. Electronic submittal may be conducted via the eSubmit Portal located at https://www.esubmit.ocgov.com/home/. The facility has been assigned CERS ID number 10513879 but no documents have been submitted. The CERS database may also be used to comply with electronic reporting requirements.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval General Type:	Other/Unknown
Eval Date:	09-04-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the overfill prevention test report for a test conducted 8/10/18. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: - Boiler Room: overfill prevention - Emergency Generator: overfill prevention
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-22-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Facility has contacted me to explain that they have installed an APST 4000g. Regulatory info provided and appt request for inspection
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-16-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Emergency plan is available in the office. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Assist w/plan check review
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-14-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-16-2013

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	I received a copy of the Monitoring System Certification and Spill Bucket Testing Report Form for activities conducted on 6/26/13. All components passed.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-17-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Tank integrity test requirements and response to Joe re: those requirements and the DO monthly reports.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-07-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email from operator re: outstanding violation. Email attachment included training sign-in sheet
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-11-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (8/11/15). The items noted below are in reference to an onsite inspection of your facility conducted on 6/29/15. OUTSTANDING VIOLATIONS G 8/11/15 NONE CORRECTED VIOLATIONS G 8/11/15 I651 - Training records were provided showing UST training for staff conducted 7/14/15.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification and spill bucket report was received by this agency. Testing at this facility was conducted on 6/28/16 and witnessed by this inspector. There are two USTs onsite: Backup generator (newly re-piped) and Boiler Room. Backup Generator (Veeder-Root System) The following components PASSED testing: Tank Annular Sensor Audible/visual Alarm Sump Sensors Spill Buckets Visual Test Boiler Room (Autostik) The following components PASSED testing: Tank Annular Sensor Audible/visual Alarm Sump Sensors Spill Buckets Visual Test
Eval Division:	Orange County Environmental Health
Eval Program:	UST

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-27-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 6/28/16. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: Tank Annular Secondary piping (3): Supply, Return, Vent Fill sump Transition Sump Spill bucket (Incon)
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-26-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 Plan reviewed and found to meet requirements. Plan to be offered to contractor for pickup after receipt of stamp.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-12-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Review of tank plans
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-18-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 Notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-19-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-20-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Telecon with Spencer (contractor at 909-227-7013). States architect

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

would like me to sign a document that basically states what it states on our plan approval stamp. He states may not be necessary anymore. Also asked about sampling under piping run while run is still active.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the 6-month post-repair secondary containment test report for a test conducted 12/27/16. The test was conducted following a piping installation for the Emergency Generator Tank System (not the Boiler Room Tank System). The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: Tank Annular Secondary piping (2): Supply and Return Piping sump Fill sump
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Designated Operator review - ICC soon expired.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Discusion with John Ruppert re: Designated Operator form submitted via E-Submit
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Discussion re: Degisnated Operator and E-Submit submittal
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility has requested confirmation that moving a vent line would not require a plan check. Operators emailed today confirming that no plan check is required for these USTs.

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-07-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (4/7/15). The items noted below are in reference to an onsite inspection of your facility conducted on 3/2/15. OUTSTANDING VIOLATIONS G 4/7/15 NONE CORRECTED VIOLATIONS G 4/7/15 I213 - The operator has submitted an approved UST submittal in E-Submit.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-26-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-11-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Onsite today to witness soil sampling at various locations along the soon to be removed piping. Jacqueline Hyman and Diane Becker (Advanced GeoEnvironmental). Samples were taken at the 45 degree joint in the return line (P1), connection to the vent (P2), and connection to the old generator (P3). Samples were contained within stainless steel sleeves and capped with teflon. Chain of custody form copied and geologists to send test results (diesel, VOCs) to me once completed.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-25-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 was onsite today to witness the secondary piping integrity test. The following piping runs PASSED testing requirements: - Vent line - Supply line - Return line
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-25-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification for 6-28

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification for 6-28
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-28-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: A routine hazardous waste inspection was conducted this date. Access to the facility was provided by Freddy Rodriguez, Safety Officer. Hazardous waste observed onsite included: - Waste diesel/water - RCRA pharmaceuticals - Waste alcohol/solvents/stains - Waste Formalin/path specimens - Various universal waste streams -- Light tubes -- E-waste -- Batteries NOTE: Fixed pathology specimens are sent to an off-site laboratory for further processing. As such there is no xylene and/or alcohol waste generated in the volumes normally associated with pathology laboratories. Pharmacy staff should review the following to ensure that staff are aware of the differences between RCRA and non-RCRA pharmaceuticals: MANAGED AS HAZARDOUS WASTE - RCRA Waste If a pharmaceutical waste (including chemotherapy waste) meets the federal definition of a hazardous waste (also known as a RCRA waste), the waste must be maintained on-site in a container that is labeled as a [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-12-2016
Violations Found: No

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 A UST monitoring system certification and spill bucket report was received by this agency. Testing at this facility was conducted on 6/28/16 and witnessed by this inspector. There are two USTs onsite: Backup generator (newly re-piped) and Boiler Room. Backup Generator (Veeder-Root System) The following components PASSED testing: Tank Annular Sensor Audible/visual Alarm Sump Sensors Spill Buckets Visual Test Boiler Room (Autostik) The following components PASSED testing: Tank Annular Sensor Audible/visual Alarm Sump Sensors Spill Buckets Visual Test Service Request Closed.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-29-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 Check of proposed piping materials. Omniflex = meets requirements
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-30-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Plans further review and approval. Stamped this date and operator contacted plans are ready for pickup. Operator instructed to contact this agency when soil samples are taken.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-04-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989 test notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (11/8/17). The items noted below are in reference to an onsite inspection of your facility conducted on 06/28/17. OUTSTANDING VIOLATIONS G 11/8/17 NONE CORRECTED VIOLATIONS G 11/8/17 I101 - Overfill protection is now provided by a newly installed monitoring panel (Veeder-Root TLS 300) and probe set at 90 percent (SEE SR0131134). A monitor system certification (conducted 10/17/17) shows that the overfill sensor properly alarmed. If not already done so, please update the monitoring plan (in CERS as well) to reflect the changes.

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-04-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 11/13/17 FOR THE BOILER ROOM UST. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: Tank annular Secondary piping run (1) Piping sump Fill sump
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-16-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB 989 test reschedule notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-17-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Questions re: electronic submittal
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Discussion re: E-Submit issues and violation
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-28-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A Designated Operator Statement was reviewed in E-Submit this date. The statement is approved but note that the ICC-certification of the operator will expire 2/11/15. Please submit a new statement prior to the expiration of the ICC certifcation.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Date:	02-12-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	needs to correct update submittal
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-14-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Question from John Ruppert re: status of violations.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitoring system certification. Francisco Castro (Tanknology) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 2 - UST Systems (Emergency Generator (Veeder Root), Boiler Room (Veeder Root)) Emergency generator and Boiler Room monitor panel read all functions normal. Since the last routine inspection, the Boiler Room monitor panel has been upgraded from an Autostik to a Veeder-Root panel. Both tanks use a suction system. No leak detectors present. Overfill protection provided by both audible/visual alarms and flapper valves. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. Alarm history and setup tape reviewed while on site. NOTE: Access to the Boiler Room UST fill sump was limited. A spill [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-18-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Declined DO owners statement in portal due to: Joseph Trujillo does not have a current ICC DO certification. Please revise the DO statement so that all DO information is current and correct.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-19-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site, follow-up inspection was conducted this date (4/19/18). The items noted below are in reference to an onsite inspection of your

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

facility conducted on 4/17/18. OUTSTANDING VIOLATIONS G 4/19/18 NONE CORRECTED VIOLATIONS G 4/19/18 I651 - The operator has submitted a UST training record for staff provided by the Designated Operator. Training conducted 6/26/17. Note the following deficiencies in your CERS submittal that must be corrected: TANK INFORMATION (COMPRESSOR/BACKUP GENERATOR) Vent, Vapor Recovery (VR) and Riser / Fill Pipe Piping Construction - Fill Components Installed: Striker Plate should state "Yes" Corrosion Protection: None selected - One of the methods must be chosen (typically "Isolation") MONITORING PLAN (COMPRESSOR/BACKUP GENERATOR) - Tank Monitoring is Performed Using the Following Method: - The submittal states "AUTO-STIK." The monitoring panel is a Veeder-Root TLS-350. Make the correction. - The Tank [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-24-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENT: Facility does not have an approved Underground Storage Tank submittal in the California Environmental Reporting System (CERS). The following comments were noted in CERS on 11/30/2018 and has not been addressed. The comment are below for your reference. Please make the update via CERS immediately. A follow-up will be conducted within 30 days. CERS COMMENT: Tank #1 G SERVICE YARD TANK INFORMATION - TANK CONSTRUCTION: Fiberglass only, uncheck Steel MONITORING PLAN - PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): Select Suction Piping Meets Exemption Criteria Tank #2 G BOILER ROOM MONITORING PLAN - PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S): Select Suction Piping Meets Exemption Criteria MONITORING PLOT PLAN: Currently, only the map is only showing the required information for one tank. Please label which tank the map is depicting and upload the second map for the other tank. The following information [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-01-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to conduct a routine hazardous waste inspection. Inspected facility with Robert Leroy and John Ruppert. Consent to inspect and take photos was given. Municipal dumpster area does not appear to contain any hazardous waste. Perimeter of facility inspected - did not observe any indication of a hazardous waste release. Hazardous Waste Emergency Response information is posted in a common area or exists onsite in the Business Emergency Plan. Employees that manage hazardous waste are given jobsite training. Reviewed consolidated manifests and manifests for all hazardous waste streams. Please keep onsite all hazardous waste disposal receipts/manifests for three years. Certificate of Return to Compliance (CRC) issued this date. Please abate the above violations by faxing/sending/emailing the completed CRC to the district inspector within 30 days.

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-24-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 I was onsite today to witness the primary piping integrity test. The following piping runs PASSED testing requirements: - Vent line - Supply line - Return line Secondary piping will be tested 5/25/16.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email sent to John Ruppert reminding operator that annual monitoring certification soon due.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitoring system certification. Paul McLane (Sunwest) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 2 - USTs (Emergency Generator (Veeder Root), Boiler Room (Autostik)) Emergency generator monitor panel read all functions normal. The Boiler Room (Autostik) panel was showing a high fuel level alarm. Both tanks use a suction system. No leak detectors present. Overfill protection provided by fill-tube shut-off valve (flapper) for the Boiler Room tank and both audible/visual alarms and flapper valve for the Emergency Generator tank. Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. Alarm history and setup tape reviewed while on site. The following were tested: - Sensors, initiated alarms [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	07-06-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Telecon re: monitor cert violation
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-12-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	A routine hazardous waste inspection was conducted this date. Access to the facility was provided by Robert Glaser, Safety Officer. Hazardous waste observed onsite included: - Waste oil - RCRA pharmaceuticals - Waste alcohol/solvents/stains - Waste Formalin/path specimens - Various universal waste streams -- Light tubes -- E-waste -- Batteries Pharmacy staff should review the following to ensure that staff are aware of the differences between RCRA and non-RCRA pharmaceuticals: MANAGED AS HAZARDOUS WASTE - RCRA Waste If a pharmaceutical waste (including chemotherapy waste) meets the federal definition of a hazardous waste (also known as a RCRA waste), the waste must be maintained on-site in a container that is labeled as a hazardous waste ("Hazardous Waste", Waste Name, Name and Address of Generating Facility, Start Date of Accumulation date) as required under hazardous waste law. A RCRA hazardous waste must be transported by a registered hazardous [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-02-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 6/28/16 and witnessed by this inspector. Two separate USTs and monitor systems were tested. EMERGENCY GENERATOR (Veeder Root) The following components PASSED testing: Tank Annular Sensor Fill Sump Sensor Audible/Visual Overfill Alarm Spill Buckets Visual Test BOILER ROOM (Autostik) The following components PASSED testing: Tank Annular Sensor Piping Sump Sensor Fill Sump Sensor Audible/Visual Overfill Alarm Spill Buckets Visual Test
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	09-03-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	A UST monitoring system certification, leak detector, and spill bucket report was received by this agency. Testing at this facility was conducted on 6/29/15 and witnessed by this inspector. The following components PASSED testing: GENERATOR TANK - suction system Tank Annular Piping Sump Overfill Spill Bucket BOILER ROOM TANK - suction system Annular Piping Sump Fill Sump Spill Bucket
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-21-2015
Violations Found:	No

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Eval Type:	Other, not routine, done by local agency
Eval Notes:	SR0126909 Received and reviewed plan. Plan submitted for change in location of monitoring panel and change in location of backup generator. SCOPE OF WORK - Existing 500g UST to remain in same place - Backup generator moved to new location - Install new VR TLS-350 monitoring panel - Install new overfill alarm - Install new supply and return pump - Install new annular sensor - Install new probe - Install new wireless monitoring system - Install new piping runs - Install new piping vent thru transition sump box - Install new manholes
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	An off-site Underground Storage Tank follow-up inspection of this facility was conducted today. Our records indicate that a routine inspection of your facility was conducted on 6/25/14. During that inspection several violations were noted, and those violations were expected to have been corrected within sixty (60) days. Note that the electronic submittal of documentation (see TR05 and TR10 below) can be via E-Submt (https://www.esubmit.ocgov.com) or CERS (http://cers.calepa.ca.gov/). Failure to correct the violations may result in further enforcement that may include fines and/or imprisonment. OUTSTANDING VIOLATIONS G 10/29/14 TR05 - Certification of Financial Responsibility that was last submitted was valid through 6/1/14. It must be submitted electronically on an annual basis. TR10 - Please submit a revised designated operator owner statement indicating all designated operators that are authorized to conduct the monthly inspections and employee The [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-20-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS assistance to operator
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-12-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment test report for a test conducted 11/24/14. The test report appears consistent with the OCHCA-approved testing procedure submitted by PCET, Inc. The following components PASSED testing: Tank Annulars (2) Secondary piping (4) Piping Sump (1) Fill sumps (2) Spill buckets (2) OUTSTANDING VIOLATIONS G 12/12/14 I205 - The monitoring system was certified on 6/25/14. The test report has not yet been received by this Agency. Please submit the test report to this Agency immediately. TR10 -

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Please submit a revised designated operator owner statement indicating all designated operators that are authorized to conduct the monthly inspections and employee training. The document must be submitted electronically. TR05 - Certification of Financial Responsibility that was last submitted was valid through 6/1/14. It must be submitted electronically on an annual basis.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 413341
Facility Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Env Int Type Code: APSA
Program ID: 10513879
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.713980
Longitude: -117.934370

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 17100 EUCLID
Affiliation City: FOUNTAIN VALLEY
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92708
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Alfredo Navarrete
Entity Title: Manager of Engineering
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Alfredo Navarrete
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: John Ruppert
Entity Title: Not reported
Affiliation Address: 17100 Euclid street
Affiliation City: Fountain Valley

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	TENET HEALTHCARE CORP
Entity Title:	Not reported
Affiliation Address:	13737 NOEL RD STE 100
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75240
Affiliation Phone:	(714) 966-7200
Affiliation Type Desc:	Operator
Entity Name:	Tenet Healthcare DBA Fountain Valley Regional Hospital
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:	(714) 966-8191
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Tenet Health Care
Entity Title:	Not reported
Affiliation Address:	17100 Euclid Street
Affiliation City:	Fountain Valley
Affiliation State:	Not reported
Affiliation Country:	United States
Affiliation Zip:	92708
Affiliation Phone:	(714) 966-8191
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Parent Corporation
Entity Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Joseph Trujillo

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Entity Title: Lead Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 966-5056

Affiliation Type Desc: UST Tank Operator
Entity Name: Tenet Healthcare DBA Fountain Valley Regional Hospital
Entity Title: Not reported
Affiliation Address: 17100 Euclid Street
Affiliation City: Fountain Valley
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: 92708
Affiliation Phone: (714) 966-7200

Affiliation Type Desc: UST Tank Owner
Entity Name: Tenet Health Care
Entity Title: Not reported
Affiliation Address: 17100 Euclid Street
Affiliation City: Fountain Valley
Affiliation State: Not reported
Affiliation Country: United States
Affiliation Zip: 92708
Affiliation Phone: (714) 966-8191

HWTS:
Name: FOUNTAIN VALLEY REGIONAL HOSPITAL
Address: 17100 EUCLID ST
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 927084004
EPA ID: CAL000000167
Inactive Date: Not reported
Create Date: 11/14/1989
Last Act Date: 10/31/2018
Mailing Name: Not reported
Mailing Address: 17100 EUCLID ST
Mailing Address 2: Not reported
Mailing City,State,Zip: FOUNTAIN VALLEY, CA 927084004
Owner Name: TENET HEALTHCARE
Owner Address: 13737 NOEL RD #100
Owner Address 2: Not reported
Owner City,State,Zip: DALLAS, TX 752400000
Contact Name: JOHN RUPPERT
Contact Address: 17100 EUCLID ST
Contact Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708

NAICS:
EPA ID: CAL000000167
Create Date: 2002-03-14 16:36:27
NAICS Code: 62211
NAICS Description: General Medical and Surgical Hospitals
Issued EPA ID Date: 1989-11-14 00:00:00

FOUNTAIN VALLEY REGIONAL HOSPITAL (Continued) **1005775275**

Inactive Date:	Not reported
Facility Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Facility Address:	17100 EUCLID ST
Facility Address 2:	Not reported
Facility City:	FOUNTAIN VALLEY
Facility County:	30
Facility State:	CA
Facility Zip:	927084004

T102 **FOUNTAIN VALLEY REGIONAL HOSPITAL** **LUST** **S120834896**
SE **17100 S EUCLID ST** **N/A**
1/8-1/4 **FOUNTAIN VALLEY, CA 92708**
0.246 mi.
1298 ft. **Site 6 of 6 in cluster T**

Relative: ORANGE CO. LUST:
Lower

Name:	FOUNTAIN VALLEY REGIONAL HOSPITAL
Address:	17100 S EUCLID ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	96UT021
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	Not reported
Record ID:	RO0001488

Actual:
39 ft.

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103 **RIGID FLEX INTERNATIONAL** **ENVIROSTOR** **1008160069**
SSE **17282 MT WYNNE CIRCLE** **FINDS** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **ECHO**
0.339 mi.
1791 ft.

Relative: ENVIROSTOR:
Lower

Name:	RIGID-FLEX INTERNATIONAL
Address:	17282 MT WYNNE CIRCLE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	71004104
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Assembly:	72
Senate:	34
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.71257

Actual:
38 ft.

RIGID FLEX INTERNATIONAL (Continued) **1008160069**

Longitude: -117.9338
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAR000158980
Alias Type: EPA Identification Number
Alias Name: 110020574207
Alias Type: EPA (FRS #)
Alias Name: 71004104
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

FINDS:
Registry ID: 110020574207

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1008160069
Registry ID: 110020574207
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110020574207
Name: RIGID FLEX INTERNATIONAL
Address: 17282 MT WYNNE CIRCLE
City,State,Zip: FOUNTAIN VALLEY, CA 92708

104
SW
1/4-1/2
0.389 mi.
2055 ft.

Relative:
Lower

Actual:
36 ft.

CHEVRON #4360
10020 WARNER
FOUNTAIN VALLEY, CA 92708

Database(s): LUST, CERS HAZ WASTE, CERS TANKS, CA FID UST, CHMIRS, Cortese, HIST CORTESE, CERS

EDR ID Number: S101631321
EPA ID Number: N/A

LUST:

Name:	CHEVRON #4360
Address:	10020 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901477
Global Id:	T0605901477
Latitude:	33.7160178
Longitude:	-117.954155
Status:	Completed - Case Closed
Status Date:	12/31/1997
Case Worker:	TE
RB Case Number:	083001976T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	94UT062
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605901477
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rose.scott@waterboards.ca.gov
Phone Number:	9513206375

Global Id:	T0605901477
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

LUST:

Global Id:	T0605901477
Action Type:	Other
Date:	11/30/1994
Action:	Leak Discovery

Global Id:	T0605901477
Action Type:	Other
Date:	11/30/1994
Action:	Leak Reported

CHEVRON #4360 (Continued) **S101631321**

Global Id: T0605901477
Action Type: ENFORCEMENT
Date: 12/04/1997
Action: LOP Case Closure Summary to RB

LUST:
Global Id: T0605901477
Status: Open - Case Begin Date
Status Date: 11/30/1994

Global Id: T0605901477
Status: Completed - Case Closed
Status Date: 12/31/1997

Name: CHEVRON #4360
Address: 10020 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605930283
Global Id: T0605930283
Latitude: 33.715865
Longitude: -117.954047
Status: Completed - Case Closed
Status Date: 03/15/1993
Case Worker: TE
RB Case Number: Not reported
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 92UT011
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605930283
Contact Type: Regional Board Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

Global Id: T0605930283
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605930283
Action Type: Other

CHEVRON #4360 (Continued) **S101631321**

Date: 01/29/1992
Action: Leak Discovery

Global Id: T0605930283
Action Type: Other
Date: 01/29/1992
Action: Leak Reported

LUST:
Global Id: T0605930283
Status: Open - Case Begin Date
Status Date: 01/29/1992

Global Id: T0605930283
Status: Completed - Case Closed
Status Date: 03/15/1993

Name: CHEVRON
Address: 10020 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605913280
Global Id: T0605913280
Latitude: 33.715865
Longitude: -117.954047
Status: Completed - Case Closed
Status Date: 12/05/2002
Case Worker: TE
RB Case Number: Not reported
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 98UT084
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605913280
Contact Type: Regional Board Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

Global Id: T0605913280
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

CHEVRON #4360 (Continued) **S101631321**

LUST:
Global Id: T0605913280
Action Type: Other
Date: 10/20/1998
Action: Leak Discovery

Global Id: T0605913280
Action Type: REMEDIATION
Date: 10/27/1998
Action: Excavation

Global Id: T0605913280
Action Type: Other
Date: 10/20/1998
Action: Leak Reported

Global Id: T0605913280
Action Type: ENFORCEMENT
Date: 01/14/2003
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605913280
Status: Open - Case Begin Date
Status Date: 10/20/1998

Global Id: T0605913280
Status: Completed - Case Closed
Status Date: 12/05/2002

LUST REG 8:
Name: CHEVRON #4360
Address: 10020 WARNER
City: FOUNTAIN VALLEY
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001976T
Local Case Num: 94UT062
Case Type: Soil only
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901477
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported

CHEVRON #4360 (Continued) **S101631321**

Date Preliminary Assessment Began:	Not reported
Discover Date:	11/30/1994
Enforcement Date:	Not reported
Close Date:	12/31/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7160178
Longitude:	-117.954155
MTBE Date:	12/20/2001
Max MTBE GW:	52
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

Name:	CHEVRON
Address:	10020 WARNER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	98UT084
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605913280

CHEVRON #4360 (Continued) **S101631321**

How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/20/1998
Enforcement Date:	Not reported
Close Date:	12/5/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

Name:	CHEVRON #4360
Address:	10020 WARNER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	92UT011
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank

CHEVRON #4360 (Continued) **S101631321**

Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605930283
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/29/1992
Enforcement Date:	Not reported
Close Date:	3/15/1993
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	CHEVRON
Address:	10020 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	98UT084
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	01/14/2003
Record ID:	RO0000756

Name:	CHEVRON #4360
Address:	10020 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	94UT062

CHEVRON #4360 (Continued) **S101631321**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/31/1997
Record ID: RO0002503

Name: CHEVRON #4360
Address: 10020 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 92UT011
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 03/15/1993
Record ID: RO0001127

CERS HAZ WASTE:
Name: CHEVRON STATION #94360/1879
Address: 10020 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 18421
CERS ID: 10441594
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: CHEVRON STATION #94360/1879
Address: 10020 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 18421
CERS ID: 10441594
CERS Description: Underground Storage Tank

CA FID UST:
Facility ID: 30013048
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149633995
Mail To: Not reported
Mailing Address: P O BOX 2833 1300 S
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CHMIRS:
Name: Not reported
Address: 10020 WARNER AVE.
City,State,Zip: FOUNTAIN VALLEY, CA 92708
OES Incident Number: 15-1898
OES notification: 04/07/2015
OES Date: Not reported

CHEVRON #4360 (Continued) **S101631321**

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:	Service Station
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	515
Year:	2015
Agency:	NRC
Incident Date:	04/07/2015
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Oil: Diesel
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No

CHEVRON #4360 (Continued) **S101631321**

#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Per NRC: "CALLER IS REPORTING THAT DIESEL FUEL RELEASED FROM A FUEL TANK ON THE BACK OF A PICK UP TRUCK DUE TO A VOLUNTARY RELEASE BY THE CUSTOMER. REMEDIAL ACTIONS: PERSONNEL CLEANED UP MATERIAL AND DISPOSED MATERIAL INTO HAZARDOUS WASTE BARRELS.
Name:	Not reported
Address:	10020 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA
OES Incident Number:	1-0651
OES notification:	02/01/2011
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
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:	Service Station
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1620

CHEVRON #4360 (Continued) **S101631321**

Year:	2011
Agency:	Chevron
Incident Date:	2/1/2011
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	10
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states that a customer had a hole in the gas tank and it spilled onto the ground.

CORTESE:

Name:	CHEVRON
Address:	10020 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605913280
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

Name:	CHEVRON #4360
Address:	10020 WARNER

CHEVRON #4360 (Continued) **S101631321**

City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901477
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

Name:	CHEVRON #4360
Address:	10020 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605930283
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:	CHEVRON #9-4360
edr_fadd1:	10020
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001976T

CHEVRON #4360 (Continued) **S101631321**

CERS:
Name: CHEVRON #4360
Address: 10020 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 226491
CERS ID: T0605901477
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Name: CHEVRON
Address: 10020 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 245021
CERS ID: T0605913280
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

CHEVRON #4360 (Continued) **S101631321**

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

Name: CHEVRON #4360
Address: 10020 WARNER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 226491
CERS ID: T0605930283
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

Affiliation Type Desc: Regional Board Caseworker
Entity Name: ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9513206375

Name: CHEVRON STATION #94360/1879
Address: 10020 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 18421
CERS ID: 10441594
CERS Description: Chemical Storage Facilities

Violations:

CHEVRON #4360 (Continued) **S101631321**

Site ID: 18421
Site Name: Chevron Station #94360/1879
Violation Date: 11-29-2018
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 12/05/2018. OBSERVATION: Facility failed to test overfill prevention equipment at least once as of 10/13/2018 and every 36 months thereafter. CORRECTIVE ACTION: Immediately conduct overfill testing and submit a copy of the test results to this Agency witin 30 days of completion.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 18421
Site Name: Chevron Station #94360/1879
Violation Date: 01-22-2014
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 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 12/30/2015. The container of absorbent pads with fuel (waste code D018) are not labeled for the hazardous property. Please provide the hazadous property of this waste to the label immediately.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 18421
Site Name: Chevron Station #94360/1879

CHEVRON #4360 (Continued) **S101631321**

Violation Date: 11-29-2018
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Returned to compliance on 12/06/2018. OBSERVATION: Owner/operator failed to submit the G Underground Storage Tank Statement of Understanding and Compliance FormG CORRECTIVE ACTION: Submit the G Underground Storage Tank Statement of Understanding and Compliance FormG electronically via the California Environmental Reporting System (CERS) within 30 days. cers.calepa.ca.gov.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 18421
Site Name: Chevron Station #94360/1879
Violation Date: 02-05-2020
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 02/17/2020. The Diesel PLLD failed testing. Make necessary repairs, retest, and submit results to this Agency within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 reschedule notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File purge
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-24-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Spill Bucket test notification

CHEVRON #4360 (Continued) **S101631321**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-05-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On site for a routine hazardous waste inspection. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Employees are reported to be trained. Manifests were available for review. Facility generates the following waste streams: - Waste flammable liquid (gasoline/diesel/test water) - Waste solids (spill absorbent) Emergency plan is available on site. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert reschedule notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-15-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	File review and monitor cert scheduling.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-10-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

CHEVRON #4360 (Continued) **S101631321**

Eval General Type:	Other/Unknown
Eval Date:	12-12-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-27-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine UST inspection and monitoring system certification. The facility has three double-walled tanks monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Panel display reads G all functions normal.G Positive shutdown and fail-safe programming were verified. Flapper valves are used for overfill prevention. The sensors in the fuel tank annulars, turbine sumps, and UDCs all shutdown the turbines when submerged in fuel. The electronic line leak detectors were tested with a simulated 3 gph leak and determined to be operational. Spill buckets are direct-buried and were instrument-tested on this date. All three spill buckets passed testing. Testing was conducted by Wilbert Crisostomo of Tanknology. Technician certifications (VR, ICC, Franklin, Incon) were verified. Please submit the test reports to this Agency within 30 days. The following documents are available for review: permit to operate, monitoring [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-12-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review. ACCEPTED
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	03-21-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and ACCEPTED CERS ID#10441594 Facility Information and UST submittals dated 2/28/17.
Eval Division:	Orange County Environmental Health

CHEVRON #4360 (Continued) **S101631321**

Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Accepted UST submittal in CERS: DO = Chevron Personnel CFR is date 4/21/16
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST package declined in CERS due to: UDC monitoring does stop flow of product at dispenser as a result of pump shutdown. Please check the YES box.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-11-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received call from Charles Biddle (Chevron- Permits) regarding UST submittal in CERS. Discussed reason for declined submittal and expectations for completion of UDC portion of monitoring plan. Accepted revised submittal in CERS
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fountain Valley Fire
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2018
Violations Found: No

CHEVRON #4360 (Continued) **S101631321**

Eval Type:	Routine done by local agency
Eval Notes:	Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Emergency plan is available for review. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-12-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Onsite to conduct a routine UST inspection during the annual monitoring system certification. Francisco Castro of Tanknology provided the following valid credentials: ICC, Veeder-Root, VMI. The store manager, Maria Lobatos was also present during this inspection. There are three 12K-gallon, double-walled fiberglass tanks at this site: 87, 89, 91. Wrap-around VR-409 sensors are in use in the dry annulars. Overfill prevention is provided by flapper valves in the drop tubes of each tank. The spill buckets are direct-bury. VR-208 sensors are in use in the STP sumps and UDCs 1-2, 3-4, 5-6, 7-8, 10-11. A VR-209 sensor is in use in UDC 9-10. Electronic leak detectors (PLLD) are in use on each product line. The UST system is monitored by a Veeder-Root TLS-350R panel. The following documents were reviewed: Permit Monitoring Plan, Response Plan Monitor Cert 12/30/15, SB989 1/27/16 DO monthly inspections, DO training 11/30/16, DO statement CFR No UST violations were [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted the following UST docs in CERS: - Monitoring system certification dated 1/22/14 - Spill bucket test results dated 1/26/14
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-22-2019
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	INSPECTOR COMMENT: Observed the secondary product line for the 87 and 91 product tested at 5psi for 1 hour, on 2/5/2019, and passed. The following violation has been corrected: I382 - Secondary containment maintained tight and has been confirmed by testing Facility does not have any other open violation at this time.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS

CHEVRON #4360 (Continued) **S101631321**

Eval General Type:	Other/Unknown
Eval Date:	04-30-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Met with Leanna Ruddell at front counter. Leanna reported that a leak was found in the 89 primary product line during the course of work under permit SR0123616. Leanna wanted to know if the current permit could be amended to include the work for repairs to the 89 primary line. I told Leanna that the current permit SR0123616 can be amended to include the repairs to the 89 product line. Leanna showed me the amended plans that include the scope of work to repair the line. Copies of the amended plans were received today by this agency.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST documents approved in CERS. Monitoring system certification and spill bucket test (visual) dated 1/9/15 received. DO remains Chevron personnel. CFR is valid for 4/24/15-4/30/16
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-16-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Test report for hydrostatic testing of the turbine sumps has been received and reviewed. All required documents for this plan check have been received. Close SR0123616
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-06-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the Certificate of Return to Compliance dated 2/21/14. Violation (W013) has been corrected. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-29-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency has approved the following documents in the CERS database: - Certification of Financial Responsibility for the coverage period of 4/28/14-4/30/15 - Leak Response Plan The following documents have been received by this Agency: - Monitoring system certification dated 1/22/14 - Spill bucket test report dated 1/28/14 Thank you.

CHEVRON #4360 (Continued) **S101631321**

Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-29-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	TESTER: Francisco Castro, Tanknology G verified ICC & Veeder-Root TANK: 91 (12,000 gallons) 89 (12,000 gallons) 87 (12,000 gallons) MONITORING PANEL: Veeder-Root TLS-350R LEAK SENSORS: All sumps (turbine, fill, and UDCs) are monitored by VR-208. Tank annular sensors are a VR-409 LLD: Electronic line leak detector OVERFILL: Flappers for all tanks Monitoring Certification was last conducted on 11/30/2017 Secondary Containment Testing was last conducted on 1/27/2016. Test is due every 36 months. Facility conducted overfill prevention testing on 10/10/2018 and test results were inconclusive. Facility must conduct the Overfill Prevention Test with conclusive results and submit documentation to this Agency within 30 days.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-30-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	An on-site inspection was conducted this date to witness the annual monitoring system certification. Jeffry Cristotomas (Tanknology) conducted the monitoring system certification and provided current Veeder-Root and ICC certifications. This facility contains: 3 - USTs (87, 89, 91) Monitor system is a Veeder-Root monitor panel and reads all functions normal. Overfill protection provided by fill-tube shut-off valve (flapper). Sensors were observed positioned so as to initiate alarms at the earliest point possible. Sensors were re-positioned in a true vertical position upon installation after testing. Alarm history and setup tape reviewed while on site. Note: All fill buckets are direct-bury. The following were tested: - Sensors, initiated positive shutdown to the turbines when tested in water - G Fail SafeG and G Positive ShutdownG - Spill buckets using an INCON test. Note: Only visual test required. - Leak detectors. PLLDs (electronic) Documents [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-04-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	CERS review. ACCEPTED.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-22-2016

CHEVRON #4360 (Continued) **S101631321**

Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Received the following documents from Tanknology dated 12/12/16: Line Leak Detector Test Impact Valve Operational Inspection Monitoring System Certification Spill Bucket Testing Report Form Site Diagram The results indicate all components that were tested passed. The results were compared to the CERS ID #10441594 UST submittal dated 7/11/16. A copy of this report will be sent to uscsi1879@chevronstores.com
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine hazardous waste inspection. Consent to enter and inspect was given by Jesse Luna. Observed the facility and hazardous waste storage area. All containers are stored closed and properly labeled. No hazardous waste was observed in the dumpster. Manifests and emergency plan are available for review.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-09-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	On site for routine UST inspection and monitoring system certification. The facility has three double-walled tanks monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Panel display reads G all functions normal.G Positive shutdown and fail-safe programming were verified. Software version 332 is installed. Flapper valves are used for overfill prevention. The sensors in the fuel tank annulars, turbine sumps, and UDCs all shutdown the turbines when submerged in fuel. The electronic line leak detectors were tested with a simulated 3 gph leak and determined to be operational. Spill buckets are direct-buried and were instrument-tested on this date. All three spill buckets passed testing. Testing was conducted by Patrick Pfrang of Tanknology. Technician certifications (VR, ICC) were verified. Please submit the test reports to this Agency within 30 days. The following documents are available for review: permit to operate, [Truncated]
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-23-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following documents were received and ACCEPTED on the CERS: Business Activities Owner/Operator Identification UST Facility Tank Pages Monitoring Plans Site Diagram Leak Response Plan CFR through 4/30/14 DO Owner Statement: DO is Chevron Designated Operators
Eval Division:	Orange County Environmental Health

CHEVRON #4360 (Continued) **S101631321**

Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	01-29-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	The following documents were accepted in CERS: - Monitoring system certification dated 12/30/15 - Spill bucket test (instrument) report dated 12/30/15 -Secondary containment test report dated 1/27/16
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-24-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the secondary containment report dated 1/27/16. The test report is consistent with industry-standard testing procedures. The following components PASSED testing: - Tank annulars (3) - Secondary piping (3) - Turbine sumps (3) - UDCs (6) - Spill buckets (3) The facility has direct-bury spill buckets. No fill sumps are installed. No components failed testing.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-07-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the spill bucket test (instrument) report dated 1/28/14. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Arrange for scheduling of inspections for plan check SR0123851 and SR0123616. Worked with mutliple personnel at FasTech and arranged with Mike for coverage of inspection for primary piping repair.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	On site to witness primary line testing. I was on site to witness pressure testing and soap testing of a section of the repaired 89-regular gasoline primary product line near the turbine sump. Juan Gomez of FasTech was the technician overseeing repair work, and he

CHEVRON #4360 (Continued) **S101631321**

showed me his ICC Installer-Retrofitter certification card with expiration date of 3/11/2015 and his ICC Service Technician card with expiration date of 3/25/2016. The 89-regular gasoline primary product line was holding 50 psi when I arrived, and held this pressure constant for 30 minutes. During this time, soapy water was applied to the connection of the new primary line to the existing primary line (approximately six feet from the outside of the turbine sump) and to connections and fittings on the 89 primary piping line within the turbine sump, and no leaks (no bubbles) observed. After 30 minutes the valve for both gauges was opened, and the needle on both valves moved toward zero.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-07-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the following documents: - Monitoring system certification dated 12/30/15 - Spill bucket test (instrument) dated 12/30/15 Thank you.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-08-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test reschedule notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for routine UST inspection and monitoring system certification. The facility has three, double-walled tanks monitored by a Veeder Root TLS350 system. The monitor is operational for audible and visual alarms. Panel display reads G all functions normal.G Positive shutdown and fail-safe programming were verified. Software version 332 is installed. Flapper valves are used for overfill prevention. The sensors in the fuel tank annulars, turbine sumps, and UDCs all shutdown the turbines when submerged in fuel. The leak electronic detectors were tested with a simulated 3 gph leak and were

CHEVRON #4360 (Continued) **S101631321**

determined to be operational. Spill buckets are direct-buried and were not tested on this date. The previous testing date for the instrument test on the spill buckets is 2/6/13. Testing was conducted by Francisco Castro of Tanknology. Technician certifications (VR, ICC) were verified. Please submit the test reports to this Agency within 30 days. The following documents are [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring certification and spill bucket test and conduct UST inspection. Tester: Jeffery Chrisostomo, Tanknology. Tester certifications (VR, ICC, VMI) were verified. Tanks: - 91 (12,000 gallons) - 87 (12,000 gallons) - Diesel (12,000 gallons) Monitoring Panel: - Veeder-Root TLS-350 Overfill: - Flapper Valve Annulars: - VR409 STP/UDC Sumps: - VR208 LLD: - VR PLLD All liquid detection sensors were tested on site. Positive shut down, fail safe, and sensor out were verified. Fill sumps are direct bury. Facility has a submittal in CERS. The following documents were available for review on site: - Permit to Operate - Monitoring Plan + Tank Pages - CFR + Guarantee - Response Plan - Statement of Understanding & Compliance - DO Agreement - DO Training - Maintenance Records - Alarm Logs - Overfill Prevention Equipment Test last conducted on 2/8/2019, must be conducted every 36 months. - Secondary [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-16-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File Purge
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Scheduling and repair clarification w/Christian at FasTech
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-12-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0123851 On site for final inspection for repair of 89 product piping. The secondary piping has been repaired using two clamshell fittings. The piping was pressurized to 5 psi for 30 minutes. The new

CHEVRON #4360 (Continued) **S101631321**

joints were soaped. At the end of the test period, there was no indication of leakage. Repairs and testing were conducted by Juan Gomez of FasTech. ICC certifications were verified. Final Inspection = PASS The primary integrity test for the repaired primary piping is scheduled for today. Please submit the test report to this Agency within 30 days.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-13-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SR0123616 On site for final inspection for turbine sump upgrades. New Bravo penetration fittings have been installed in all three turbine sumps. The sumps were tested hydrostatically. All three sumps passed two consecutive 15-minute tests. Final inspection = PASS Testing was conducted by Frank Sanchez. Technician certifications were verified. Please submit the test report to this Agency within 30 days.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-16-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received and reviewed line test results dated 5/12/14. All required documents have been received. Close SR0123851
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-25-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for routine hazardous waste inspection. Consent to enter and inspect was given by Marsha Ramirez. Observed the facility and hazardous waste storage area. All containers are stored closed and labeled. The container of absorbent pads with fuel (waste code D018) are not labeled for the hazardous property. No hazardous waste was observed in the dumpster. Manifests and emergency plan are available for review. Certificate of Return to Compliance issued. Please label the container of absorbent pads with fuel with the hazardous property. When the container has been labeled, complete the Certificate. Submit the completed Certificate to this Agency within 30 days.

CHEVRON #4360 (Continued) **S101631321**

Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	02-04-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency has received the following documents: - Monitoring system certification dated 1/9/15 - Spill bucket test (instrument) dated 1/9/15 UST documents in CERS are current. Financial Responsibility is valid through 4/30/15. Thank you.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	03-24-2016
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Accepted submittal in CERS
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	04-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and approved plans for installation of new penetration fittings in all three turbine sumps. Notified applicant that plans are approved and ready for pickup.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	05-02-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and approved plans for repair of the 89 primary piping. Discussed plans and scope of work with Leanna Ruddell of FasTech. She said that her company was doing secondary containment repairs under plan check SR0123616. During those repairs, it was determined that the 89 primary was leaking. Supplemental plans that describe the repairs to the 89 primary piping are required.
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	06-09-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed and ACCEPTED CERS ID# 10441594 Facility Information and UST submittals dated 4/27/17.
Eval Division:	Orange County Environmental Health

CHEVRON #4360 (Continued) **S101631321**

Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-06-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-05-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	UST documents approved in CERS: - DO= Chevron personnel
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-14-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor Certification Notification (11/30/17)
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	This Agency received the monitoring system certification test report for a test conducted 11/30/17. The following components PASSED testing: - Tank Annular Sensors (3) - STP Sump Sensors (3) - Fill Sump Sensors (3) - UDCs (6 - Fail Safe/Sensor Out - Spill Buckets INCON test - Line Leak Detectors
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-15-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Monitor cert notification
Eval Division:	Orange County Environmental Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-30-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENTS On site for routine hazardous waste inspection.

CHEVRON #4360 (Continued) **S101631321**

Consent to enter and inspect was given by Phile Hadgu. Observed the facility and inspected hazardous waste storage. The containers are stored closed and properly labeled. No evidence of hazardous waste spillage or runoff was observed. No hazardous waste was observed in the dumpster. Manifests and emergency plan are available for review.

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 18421
Facility Name: Chevron Station #94360/1879
Env Int Type Code: HWG
Program ID: 10441594
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.715830
Longitude: -117.953940

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF USA INC)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: Property Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF USA INC)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Permit Applicant
Entity Name: CHARLES BITTLE - 7/11/2016
Entity Title: RETAIL HES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Tank Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA

CHEVRON #4360 (Continued) **S101631321**

Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002
Affiliation Type Desc:	Document Preparer
Entity Name:	Andrea Vilchis
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Chevron Station #94360/1879
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:	(714) 964-7101
Affiliation Type Desc:	Parent Corporation
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94583
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Andrea Vilchis
Entity Title:	CHEVRON HES SPECIALIST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported

CHEVRON #4360 (Continued) **S101631321**

Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406
Affiliation Type Desc:	Environmental Contact
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF USA INC)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94583
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002
Affiliation Type Desc:	UST Tank Operator
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002

U105 **SHELL SERVICE STATION** **LUST** **S110654817**
SW **WARNER AVE** **CERS** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708**
0.395 mi.
2088 ft. **Site 1 of 4 in cluster U**

Relative:
Lower

Actual:
34 ft.

LUST:

Name:	SHELL SERVICE STATION
Address:	WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900729
Global Id:	T0605900729
Latitude:	33.716839819
Longitude:	-117.9550159
Status:	Completed - Case Closed
Status Date:	06/27/1988
Case Worker:	CAB
RB Case Number:	083000916T

SHELL SERVICE STATION (Continued) **S110654817**

Local Agency: Not reported
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605900729
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

LUST:
Global Id: T0605900729
Action Type: Other
Date: 06/27/1988
Action: Leak Reported

LUST:
Global Id: T0605900729
Status: Completed - Case Closed
Status Date: 06/27/1988

Global Id: T0605900729
Status: Open - Case Begin Date
Status Date: 06/27/1988

CERS:
Name: SHELL SERVICE STATION
Address: WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 210304
CERS ID: T0605900729
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

U106 **SHELL SERVICE STATION** **RCRA-SQG** **1006805276**
SW **16969 BROOKHURST** **LUST** **CAR000125393**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **FINDS**
0.399 mi. **ECHO**
2109 ft. **Site 2 of 4 in cluster U** **CERS**

Relative: **Lower**
Actual: **34 ft.**

RCRA Listings:

Date Form Received by Agency:	2002-08-14 00:00:00.0
Handler Name:	SHELL SERVICE STATION
Handler Address:	16969 BROOKHURST
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAR000125393
Contact Name:	SONDRA BIENVENU
Contact Address:	P O BOX 2648
Contact City,State,Zip:	HOUSTON, TX 77252-2648
Contact Telephone:	713-241-5036
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P O BOX 2648
Mailing City,State,Zip:	HOUSTON, TX 77252-2648
Owner Name:	EQUILON ENTERPRISES L L C
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SHELL SERVICE STATION (Continued) **1006805276**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-11-07 13:43:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EQUILON ENTERPRISES L L C
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 2648
Owner/Operator City,State,Zip:	HOUSTON, TX 77252-2648
Owner/Operator Telephone:	713-241-5036
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2002-08-14 00:00:00.0
Handler Name:	SHELL SERVICE STATION
Federal Waste Generator Description:	Small Quantity Generator

SHELL SERVICE STATION (Continued) **1006805276**

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

LUST:

Name:	SHELL OIL
Address:	16969 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902133
Global Id:	T0605902133
Latitude:	33.7165948
Longitude:	-117.95473
Status:	Completed - Case Closed
Status Date:	06/23/2016
Case Worker:	SR
RB Case Number:	083003129T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	98UT010
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline, MTBE / TBA / Other Fuel Oxygenates
Site History:	Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

LUST:

Global Id:	T0605902133
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	carl.bernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0605902133
Contact Type:	Local Agency Caseworker
Contact Name:	SHYAMALA RAJAGOPAL
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD SUITE 120
City:	SANTA ANA
Email:	srajagopal@ochca.com
Phone Number:	7144336262

LUST:

Global Id:	T0605902133
Action Type:	ENFORCEMENT

SHELL SERVICE STATION (Continued) **1006805276**

Date: 10/27/2014
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 01/05/2016
Action: Notification - Preclosure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/15/2015
Action: Notification - Public Participation Document

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 05/24/2011
Action: File review

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: File review

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 01/05/2016
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/17/2016
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/21/2016
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/15/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/23/2016
Action: Closure/No Further Action Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 04/25/2016
Action: Site Visit / Inspection / Sampling

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 07/17/2015
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

SHELL SERVICE STATION (Continued) **1006805276**

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/23/2016
Action: File Review - Closure

Global Id: T0605902133
Action Type: Other
Date: 10/14/1997
Action: Leak Discovery

Global Id: T0605902133
Action Type: RESPONSE
Date: 10/13/2014
Action: Request for Closure - Regulator Responded

Global Id: T0605902133
Action Type: RESPONSE
Date: 05/18/2015
Action: Removal Action Work Plan - Regulator Responded

Global Id: T0605902133
Action Type: RESPONSE
Date: 10/03/2014
Action: Request for Closure - Regulator Responded

Global Id: T0605902133
Action Type: RESPONSE
Date: 01/13/2016
Action: Other Workplan - Regulator Responded

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 02/04/1998
Action: Notice of Responsibility

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 03/24/2008
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 09/05/2006
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 07/24/2007
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 08/08/2005
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT

SHELL SERVICE STATION (Continued) **1006805276**

Date: 03/24/2004
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 11/02/2006
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 02/07/2005
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/14/2005
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 02/26/2007
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/14/2007
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 02/03/2016
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 09/22/2015
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/15/2015
Action: Notification - Public Notice of Case Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/20/2016
Action: File Review - Closure

Global Id: T0605902133
Action Type: REMEDIATION
Date: 12/13/2005
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0605902133
Action Type: REMEDIATION
Date: 03/17/2009
Action: Monitored Natural Attenuation

SHELL SERVICE STATION (Continued) **1006805276**

Global Id: T0605902133
Action Type: REMEDIATION
Date: 12/23/2002
Action: Excavation

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 11/28/2007
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 07/03/2012
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 05/08/2012
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/15/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/15/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/03/2012
Action: File review

Global Id: T0605902133
Action Type: Other
Date: 01/26/1998
Action: Leak Reported

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 11/25/2008
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 09/19/2008
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT

SHELL SERVICE STATION (Continued) **1006805276**

Date: 11/23/2009
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 04/23/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/23/2014
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 07/17/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/03/2014
Action: File Review - Closure

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/04/2015
Action: Staff Letter

Global Id: T0605902133
Action Type: RESPONSE
Date: 05/04/1998
Action: Soil and Water Investigation Report

Global Id: T0605902133
Action Type: RESPONSE
Date: 05/04/1998
Action: Preliminary Site Assessment Workplan

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 10/24/2014
Action: File review

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 05/13/2014
Action: File review

Global Id: T0605902133
Action Type: ENFORCEMENT
Date: 06/03/2015
Action: File review

LUST:
Global Id: T0605902133
Status: Open - Case Begin Date
Status Date: 10/14/1997

SHELL SERVICE STATION (Continued) **1006805276**

Global Id: T0605902133
Status: Open - Site Assessment
Status Date: 06/01/1999

Global Id: T0605902133
Status: Open - Assessment & Interim Remedial Action
Status Date: 12/30/2002

Global Id: T0605902133
Status: Open - Remediation
Status Date: 01/31/2004

Global Id: T0605902133
Status: Open - Remediation
Status Date: 12/13/2005

Global Id: T0605902133
Status: Open - Verification Monitoring
Status Date: 10/27/2014

Global Id: T0605902133
Status: Open - Eligible for Closure
Status Date: 07/17/2015

Global Id: T0605902133
Status: Completed - Case Closed
Status Date: 06/23/2016

ORANGE CO. LUST:
Name: SHELL OIL
Address: 16969 BROOKHURST ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 98UT010
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 06/23/2016
Record ID: RO0001250

FINDS:
Registry ID: 110058266709

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER
Registry ID: 110013292276

Click Here:

Environmental Interest/Information System:

SHELL SERVICE STATION (Continued) **1006805276**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1006805276
Registry ID:	110013292276
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013292276
Name:	SHELL SERVICE STATION
Address:	16969 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

CERS:

Name:	SHELL OIL
Address:	16969 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	194820
CERS ID:	T0605902133
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	SHYAMALA RAJAGOPAL - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 E. DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336262

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824495

U107 **SHELL OIL** **LUST** **S101631327**
SW **16969 BROOKHURST** **SWEEPS UST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CA FID UST**
0.399 mi. **Cortese**
2109 ft. **Site 3 of 4 in cluster U** **HIST CORTESE**

Relative: **Lower**
Actual: **34 ft.**

LUST REG 8:

Name:	SHELL OIL
Address:	16969 BROOKHURST
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Remediation Plan
Case Number:	083003129T
Local Case Num:	98UT010
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	NOR
Funding:	Not reported
How Discovered:	UM
How Stopped:	NPP
Leak Cause:	Unknown
Leak Source:	Piping
Global ID:	T0605902133
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/14/1997
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	1/31/2000
Date Remediation Plan Submitted:	1/31/2004
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7165948
Longitude:	-117.95473
MTBE Date:	12/6/2002
Max MTBE GW:	2500
MTBE Concentration:	0
Max MTBE Soil:	510
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency

SHELL OIL (Continued) **S101631327**

Local Agency: 30000L
Hydr Basin #: Not reported
Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

SWEEPS UST:
Name: SHELL (3835-0306)
Address: 16969 BROOKHURST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3153
Number: 9
Board Of Equalization: 44-000074
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003153-000001
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: SHELL (3835-0306)
Address: 16969 BROOKHURST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3153
Number: 9
Board Of Equalization: 44-000074
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003153-000002
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: SHELL (3835-0306)
Address: 16969 BROOKHURST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3153
Number: 9
Board Of Equalization: 44-000074
Referral Date: 09-30-92

SHELL OIL (Continued) **S101631327**

Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003153-000003
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	30005148
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7149643936
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	FOUNTAIN VALLEY 92708
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:	SHELL OIL
Address:	16969 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605902133
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

SHELL OIL (Continued) **S101631327**

HIST CORTESE:
- edr_fname: SHELL SERVICE STATION
- edr_fadd1: 16969
- City,State,Zip: FOUNTAIN VALLEY, CA 92708
- Region: CORTESE
- Facility County Code: 30
- Reg By: LTNKA
- Reg Id: 083003129T

V108 **LUSK INTERIORS** **LUST** **S105023810**
SSE **17371 MT WYNNE** **HIST CORTESE** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CERS**
0.400 mi.
2111 ft. **Site 1 of 3 in cluster V**

Relative: **Lower**
Actual: **37 ft.**

LUST:
- Name: LUSK INTERIORS
- Address: 17371 MT WYNNE
- City,State,Zip: FOUNTAIN VALLEY, CA 92708
- Lead Agency: ORANGE COUNTY LOP
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900783
- Global Id: T0605900783
- Latitude: 33.711271
- Longitude: -117.934535
- Status: Completed - Case Closed
- Status Date: 09/30/1988
- Case Worker: TE
- RB Case Number: 083000989T
- Local Agency: ORANGE COUNTY LOP
- File Location: Local Agency
- Local Case Number: 88UT119
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Gasoline
- Site History: Not reported

LUST:
- Global Id: T0605900783
- Contact Type: Regional Board Caseworker
- Contact Name: PATRICIA HANNON
- Organization Name: SANTA ANA RWQCB (REGION 8)
- Address: 3737 MAIN STREET, SUITE 500
- City: RIVERSIDE
- Email: patricia.hannon@waterboards.ca.gov
- Phone Number: Not reported

- Global Id: T0605900783
- Contact Type: Local Agency Caseworker
- Contact Name: TAMARA ESCOBEDO
- Organization Name: ORANGE COUNTY LOP
- Address: 1241 EAST DYER ROAD SUITE 120
- City: SANTA ANA
- Email: tescobedo@ochca.com
- Phone Number: 7144336251

LUST:
- Global Id: T0605900783

LUSK INTERIORS (Continued) **S105023810**

Action Type: Other
Date: 06/16/1988
Action: Leak Discovery

Global Id: T0605900783
Action Type: Other
Date: 06/16/1988
Action: Leak Reported

LUST:
Global Id: T0605900783
Status: Open - Case Begin Date
Status Date: 06/16/1988

Global Id: T0605900783
Status: Completed - Case Closed
Status Date: 09/30/1988

ORANGE CO. LUST:
Name: LUSK INTERIORS
Address: 17371 MT WYNNE CIR
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 88UT119
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/30/1988
Record ID: RO0001712

HIST CORTESE:
edr_fname: LUSK INTERIORS
edr_fadd1: 17371 MT WYNNE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083000989T

CERS:
Name: LUSK INTERIORS
Address: 17371 MT WYNNE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 246112
CERS ID: T0605900783
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: PATRICIA HANNON - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

LUSK INTERIORS (Continued) **S105023810**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

V109 **LUSK INTERIORS** **LUST** **S105695981**
SSE **17371 MT WYNNE** **Cortese** **N/A**
1/4-1/2 **FOUNDTAIN VALLEY, CA 92708**
0.400 mi.
2111 ft. **Site 2 of 3 in cluster V**

Relative: LUST REG 8:
Lower

Actual:
37 ft.

Name:	LUSK INTERIORS
Address:	17371 MT WYNNE
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000989T
Local Case Num:	88UT119
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900783
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	6/16/1988
Enforcement Date:	Not reported
Close Date:	9/30/1988
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST

LUSK INTERIORS (Continued) **S105695981**

Latitude:	33.7114811
Longitude:	-117.9343574
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	PAH
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	LUSK INTERIORS
Address:	17371 MT WYNNE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900783
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

V110 **PRO-TECH** **ENVIROSTOR** **S118757439**
SSE **11164 YOUNG RIVER AVENUE** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708**
0.409 mi.
2162 ft. **Site 3 of 3 in cluster V**

Relative:
Lower

Actual:
37 ft.

ENVIROSTOR:

Name:	PRO-TECH
Address:	11164 YOUNG RIVER AVENUE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	71003056

PRO-TECH (Continued) **S118757439**

Status: No Action Required
Status Date: 08/07/2006
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 Cypress
Assembly: 72
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71116
Longitude: -117.9340
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982467318
Alias Type: EPA Identification Number
Alias Name: 110000480685
Alias Type: EPA (FRS #)
Alias Name: 71003056
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 08/07/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/30/2006
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

W111 **DIAMOND CAB INC** **SWF/LF** **S105721965**
SE **17300 MT HERRMANN** **LUST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **Orange Co. Industrial Site**
0.410 mi. **Cortese**
2165 ft. **Site 1 of 2 in cluster W** **CERS**

Relative:
Lower

Actual:
39 ft.

SWF/LF (SWIS):

Name:	FOUNTAIN VALLEY CITY YARD
Address:	17300 MT. HERRMANN STREET
City,State,Zip:	FOUNTAIN VALLEY, CA
Facility ID:	30-AB-0421
Lat/Long:	33.71145 / -117.934
Owner Name:	City of Fountain Valley
Owner Telephone:	7145434441
Owner Address:	Not reported
Owner Address2:	10200 Slater Avenue
Owner City,St,Zip:	Fountain Valley, CA 92708
Operational Status:	Active
Operator:	City of Fountain Valley
Operator Phone:	7145434441
Operator Address:	Not reported
Operator Address2:	10200 Slater Avenue
Operator City,St,Zip:	Fountain Valley, CA 92708
Permit Date:	07/31/2008
Permit Status:	Notification
Permitted Acreage:	$0.20
Activity:	Limited Volume Transfer Operation
Regulation Status:	Notification
Landuse Name:	Industrial,Commercial
GIS Source:	External
Category:	Transfer/Processing
Unit Number:	01
Inspection Frequency:	Annual
Accepted Waste:	Green Materials,Mixed municipal
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	30-AB-0421
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	2
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	372
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Tons/year
Lat/Long:	33.71145 / -117.934

LUST:

Name:	DIAMOND CAB INC
Address:	17300 MT HERRMANN
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901175
Global Id:	T0605901175
Latitude:	33.7113861
Longitude:	-117.9324923
Status:	Completed - Case Closed
Status Date:	04/18/1994

DIAMOND CAB INC (Continued) **S105721965**

Case Worker: TE
RB Case Number: 083001535T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 90UT130
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605901175
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901175
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605901175
Action Type: Other
Date: 05/04/1990
Action: Leak Discovery

Global Id: T0605901175
Action Type: Other
Date: 05/04/1990
Action: Leak Reported

LUST:
Global Id: T0605901175
Status: Open - Case Begin Date
Status Date: 05/04/1990

Global Id: T0605901175
Status: Completed - Case Closed
Status Date: 04/18/1994

LUST REG 8:
Name: DIAMOND CAB INC
Address: 17300 MT HERRMANN
City: FOUNTAIN VALLEY
Region: 8
County: Orange
Regional Board: Santa Ana Region

DIAMOND CAB INC (Continued) **S105721965**

Facility Status:	Case Closed
Case Number:	083001535T
Local Case Num:	90UT130
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901175
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/4/1990
Enforcement Date:	Not reported
Close Date:	4/18/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7113861
Longitude:	-117.9324923
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	DIAMOND CAB INC
Address:	17300 MT HERRMANN ST

DIAMOND CAB INC (Continued) **S105721965**

City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: ORANGE
Facility Id: 90UT130
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 04/18/1994
Record ID: RO0002504

Orange Co. Industrial Site:
Name: COAST YELLOW CAB CORP
Address: 17300 MT HERRMANN ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Case ID: 93IC010
Record ID: RO0000422
Current Status: CLOSED 11/30/1993
Closure Type: Closure certification issued
Released Chemical: OIL AND WATER

CORTESE:
Name: DIAMOND CAB INC
Address: 17300 MT HERRMANN
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605901175
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: FOUNTAIN VALLEY CITY YARD
Address: 17300 MT. HERRMANN STREET
City,State,Zip: FOUNTAIN VALLEY, CA
Site ID: 508746
CERS ID: 30-AB-0421
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: City of Fountain Valley
Entity Title: Not reported
Affiliation Address: Not reported

DIAMOND CAB INC (Continued) **S105721965**

Affiliation City: Fountain Valley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92708
Affiliation Phone: 7145434441

Affiliation Type Desc: Legal Operator
Entity Name: City of Fountain Valley
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Fountain Valley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92708
Affiliation Phone: 7145434441

Name: DIAMOND CAB INC
Address: 17300 MT HERRMANN
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 256549
CERS ID: T0605901175
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

W112 **ORANGE COAST YELLOW CAB** **HIST CORTESE** **S102428793**
SE **17300 MT HERMAN** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708**
0.410 mi.
2165 ft. **Site 2 of 2 in cluster W**

Relative: HIST CORTESE:
Lower
edr_fname: ORANGE COAST YELLOW CAB
Actual: edr_fadd1: 17300 MT HERMAN
39 ft. City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Facility County Code: 30

ORANGE COAST YELLOW CAB (Continued) **S102428793**

Reg By: LTNKA
Reg Id: 083001535T

X113 **MOBIL** **LUST** **S104576566**
SW **17025 BROOKHURST** **Cortese** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708**
0.429 mi.
2267 ft. **Site 1 of 3 in cluster X**

Relative: LUST REG 8:
Lower

Actual:
34 ft.

Name:	MOBIL
Address:	17025 BROOKHURST
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001084T
Local Case Num:	88UT186
Case Type:	Other ground water affected
Substance:	12035,800661
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605900856
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	11/15/1988
Enforcement Date:	Not reported
Close Date:	9/15/1992
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7156598
Longitude:	-117.954712
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.

MOBIL (Continued) **S104576566**

MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

CORTESE:

Name:	MOBIL
Address:	17025 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900856
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

X114 **MOBIL** **LUST** **S120834766**
SW **17025 W BROOKHURST ST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708**
0.429 mi.
2267 ft. **Site 2 of 3 in cluster X**

Relative:
Lower

Actual:
34 ft.

ORANGE CO. LUST:

Name:	MOBIL
Address:	17025 W BROOKHURST ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	88UT186
Released Substance:	Waste oil/Used oil; Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	09/15/1992
Record ID:	RO0000941

X115 **MOBIL (18-KAV)** **LUST** **U003433215**
SW **17025 BROOKHURST ST** **SWEEPS UST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CHMIRS**
0.429 mi. **Orange Co. Industrial Site**
2267 ft. **Site 3 of 3 in cluster X** **HIST CORTESE**
CERS

Relative: Lower

Actual: 34 ft.

LUST:

Name:	MOBIL
Address:	17025 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900856
Global Id:	T0605900856
Latitude:	33.715883
Longitude:	-117.954926
Status:	Completed - Case Closed
Status Date:	09/15/1992
Case Worker:	TE
RB Case Number:	083001084T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	88UT186
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating, Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605900856
Contact Type:	Regional Board Caseworker
Contact Name:	ROSE SCOTT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	rose.scott@waterboards.ca.gov
Phone Number:	9513206375

Global Id:	T0605900856
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

LUST:

Global Id:	T0605900856
Action Type:	Other
Date:	11/15/1988
Action:	Leak Discovery

Global Id:	T0605900856
Action Type:	Other
Date:	11/15/1988
Action:	Leak Reported

Global Id: T0605900856

MOBIL (18-KAV) (Continued) **U003433215**

Action Type: ENFORCEMENT
Date: 09/15/1992
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605900856
Status: Open - Case Begin Date
Status Date: 11/15/1988

Global Id: T0605900856
Status: Completed - Case Closed
Status Date: 09/15/1992

SWEEPS UST:
Name: MOBIL (18-KAV)
Address: 17025 BROOKHURST ST
City: FOUNTAIN VALLEY
Status: Not reported
Comp Number: 3362
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003362-000001
Tank Status: Not reported
Capacity: 280
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: 4

Name: MOBIL (18-KAV)
Address: 17025 BROOKHURST ST
City: FOUNTAIN VALLEY
Status: Not reported
Comp Number: 3362
Number: Not reported
Board Of Equalization: 44-000400
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003362-000003
Tank Status: Not reported
Capacity: 6000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Name: MOBIL (18-KAV)

MOBIL (18-KAV) (Continued) **U003433215**

Address:	17025 BROOKHURST ST
City:	FOUNTAIN VALLEY
Status:	Not reported
Comp Number:	3362
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003362-000004
Tank Status:	Not reported
Capacity:	8000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Name:	MOBIL (18-KAV)
Address:	17025 BROOKHURST ST
City:	FOUNTAIN VALLEY
Status:	Not reported
Comp Number:	3362
Number:	Not reported
Board Of Equalization:	44-000400
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003362-000005
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Name:	MOBIL (18-KAV)
Address:	17025 BROOKHURST ST
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	3362
Number:	9
Board Of Equalization:	44-000400
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-003362-000008
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED

MOBIL (18-KAV) (Continued) **U003433215**

Number Of Tanks: 4

Name: MOBIL (18-KAV)
Address: 17025 BROOKHURST ST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3362
Number: 9
Board Of Equalization: 44-000400
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003362-000009
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: MOBIL (18-KAV)
Address: 17025 BROOKHURST ST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3362
Number: 9
Board Of Equalization: 44-000400
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003362-000010
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: MOBIL (18-KAV)
Address: 17025 BROOKHURST ST
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 3362
Number: 9
Board Of Equalization: 44-000400
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-003362-000011
Tank Status: A
Capacity: 550
Active Date: Not reported

MOBIL (18-KAV) (Continued) **U003433215**

Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

CHMIRS:

Name:	Not reported
Address:	17025 BROOKHURST ST.
City,State,Zip:	FOUNTAIN VALLEY, CA
OES Incident Number:	10-1537
OES notification:	03/03/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Unknown
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	1645
Year:	2010
Agency:	Veeder Root
Incident Date:	3/3/2010
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Unknown
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline

MOBIL (18-KAV) (Continued) **U003433215**

Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	The caller is reporting results from a soil sample at a service station . PPHG - 9 micro grams per liter, PRPH - 25 micro grams per kilogram. Ground water sample, TPH Gas - 90 micro grams per liter, Benzine - 2.8 micro grams per liter.

Orange Co. Industrial Site:

Name:	MOBIL (18-KAV)
Address:	17025 BROOKHURST ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Case ID:	91IC015
Record ID:	RO0000300
Current Status:	CLOSED 2/18/1992
Closure Type:	Closed pre 1994, file review required to determine closure type
Released Chemical:	WASTE (OR SLOP) OIL

HIST CORTESE:

edr_fname:	MOBIL #11-KAV
edr_fadd1:	17025 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001084T

CERS:

Name:	MOBIL
Address:	17025 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	246226
CERS ID:	T0605900856
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	ROSE SCOTT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE

MOBIL (18-KAV) (Continued) **U003433215**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9513206375
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

U116 **SHELL SERVICE STATION** **LUST** **S102437353**
SW **WARNER AVE** **Cortese** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **HIST CORTESE**
0.432 mi.
2281 ft. **Site 4 of 4 in cluster U**

Relative: **Lower**
Actual: **33 ft.**

LUST REG 8:

Name:	SHELL SERVICE STATION
Address:	WARNER AVE
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000916T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	BROOKHURST
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900729
How Stopped Date:	Not reported
Enter Date:	6/20/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	6/27/1988
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/20/1988
GW Qualifies:	Not reported

SHELL SERVICE STATION (Continued) **S102437353**

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.710135
Longitude:	-117.9515409
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	Not reported
Lead Agency:	Regional Board
Local Agency:	30000
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	SHELL SERVICE STATION
Address:	WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900729
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:	SHELL SERVICE STATION
edr_fadd1:	WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE

SHELL SERVICE STATION (Continued) **S102437353**

Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000916T
edr_fname:	MOBIL #17-G6B
edr_fadd1:	WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000958T

Y117 **EXXON** **LUST** **S103633576**
NW **15980 BROOKHURST** **Cortese** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CERS**
0.470 mi.
2484 ft. **Site 1 of 2 in cluster Y**

Relative:
Lower

Actual:
42 ft.

LUST:

Name:	EXXON
Address:	15980 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605997412
Global Id:	T0605997412
Latitude:	33.73088
Longitude:	-117.954139
Status:	Completed - Case Closed
Status Date:	03/15/1991
Case Worker:	TE
RB Case Number:	Not reported
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	91UT023
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0605997412
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	carl.bernhardt@waterboards.ca.gov
Phone Number:	9517824495
Global Id:	T0605997412
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

EXXON (Continued) **S103633576**

LUST:
Global Id: T0605997412
Action Type: Other
Date: 01/09/1991
Action: Leak Discovery

Global Id: T0605997412
Action Type: Other
Date: 01/09/1991
Action: Leak Reported

LUST:
Global Id: T0605997412
Status: Open - Case Begin Date
Status Date: 01/09/1991

Global Id: T0605997412
Status: Completed - Case Closed
Status Date: 03/15/1991

Name: EXXON #7-3561
Address: 15980 BROOKHURST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901317
Global Id: T0605901317
Latitude: 33.730847
Longitude: -117.954119
Status: Completed - Case Closed
Status Date: 12/09/1997
Case Worker: TE
RB Case Number: 083001751T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 92UT056
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605901317
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901317
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA

EXXON (Continued) **S103633576**

Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605901317
Action Type: Other
Date: 05/12/1992
Action: Leak Discovery

Global Id: T0605901317
Action Type: REMEDIATION
Date: 08/22/1994
Action: Excavation

Global Id: T0605901317
Action Type: REMEDIATION
Date: 08/22/1994
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901317
Action Type: Other
Date: 05/12/1992
Action: Leak Reported

LUST:
Global Id: T0605901317
Status: Open - Case Begin Date
Status Date: 05/12/1992

Global Id: T0605901317
Status: Completed - Case Closed
Status Date: 12/09/1997

LUST REG 8:
Name: EXXON #7-3561
Address: 15980 BROOKHURST
City: FOUNTAIN VALLEY
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001751T
Local Case Num: 92UT056
Case Type: Other ground water affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901317

EXXON (Continued) **S103633576**

How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/12/1992
Enforcement Date:	Not reported
Close Date:	12/9/1997
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7305263
Longitude:	-117.954609
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

Name:	EXXON
Address:	15980 BROOKHURST
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	Not reported
Local Case Num:	91UT023
Case Type:	Soil only
Substance:	Waste Oil
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank

EXXON (Continued) **S103633576**

Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605997412
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/9/1991
Enforcement Date:	Not reported
Close Date:	3/15/1991
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	Not reported
Longitude:	Not reported
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	EXXON
Address:	15980 BROOKHURST ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	91UT023
Released Substance:	Waste oil/Used oil
Date Closed:	03/15/1991
Record ID:	RO0001394

Name:	EXXON #7-3561
Address:	15980 BROOKHURST ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	92UT056

EXXON (Continued) **S103633576**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 12/09/1997
Record ID: RO0002313

CORTESE:

Name:	EXXON
Address:	15980 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605997412
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

Name:	EXXON #7-3561
Address:	15980 BROOKHURST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901317
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

EXXON (Continued) **S103633576**

Name: EXXON #7-3561
Address: 15980 BROOKHURST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 203373
CERS ID: T0605901317
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

Name: EXXON
Address: 15980 BROOKHURST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 216342
CERS ID: T0605997412
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

Affiliation Type Desc: Local Agency Caseworker
Entity Name: TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 1241 EAST DYER ROAD SUITE 120
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7144336251

Y118 **EXXON #7-3561** **SWEEPS UST** **S101589047**
NW **15980 BROOKHURST AVE** **CA FID UST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **HIST CORTESE**
0.470 mi.
2484 ft. **Site 2 of 2 in cluster Y**

Relative:
Lower

Actual:
42 ft.

SWEEPS UST:

Name:	EXXON #7-3561
Address:	15980 BROOKHURST AVE
City:	FOUNTAIN VALLEY
Status:	Not reported
Comp Number:	5091
Number:	Not reported
Board Of Equalization:	44-000285
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005091-000004
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

Name:	EXXON #7-3561
Address:	15980 BROOKHURST AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5091
Number:	9
Board Of Equalization:	44-000285
Referral Date:	09-30-92
Action Date:	06-18-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005091-000001
Tank Status:	A
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	EXXON #7-3561
Address:	15980 BROOKHURST AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5091
Number:	9
Board Of Equalization:	44-000285
Referral Date:	09-30-92
Action Date:	06-18-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005091-000002

EXXON #7-3561 (Continued) **S101589047**

Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: EXXON #7-3561
Address: 15980 BROOKHURST AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 5091
Number: 9
Board Of Equalization: 44-000285
Referral Date: 09-30-92
Action Date: 06-18-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005091-000003
Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 30001121
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7147751393
Mail To: Not reported
Mailing Address: CONSTRUCTION & MAINT
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:
edr_fname: EXXON SERVICE STATION #35
edr_fadd1: 15980
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001751T

Z119 **QUALITY GAS** **LUST** **S102435537**
SW **9880 WARNER** **Cortese** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CERS**
0.474 mi.
2504 ft. **Site 1 of 3 in cluster Z**

Relative:
Lower

Actual:
32 ft.

LUST:

Name:	QUALITY GAS
Address:	9880 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900250
Global Id:	T0605900250
Latitude:	33.7160218
Longitude:	-117.956097
Status:	Completed - Case Closed
Status Date:	09/16/2003
Case Worker:	TE
RB Case Number:	083000316T
Local Agency:	ORANGE COUNTY LOP
File Location:	Local Agency
Local Case Number:	87UT051
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0605900250
Contact Type:	Regional Board Caseworker
Contact Name:	MIGUEL OVIEDO
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 Main Street, Suite 500
City:	RIVERSIDE
Email:	miguel.oviedo@waterboards.ca.gov
Phone Number:	9517823238

Global Id:	T0605900250
Contact Type:	Local Agency Caseworker
Contact Name:	TAMARA ESCOBEDO
Organization Name:	ORANGE COUNTY LOP
Address:	1241 EAST DYER ROAD SUITE 120
City:	SANTA ANA
Email:	tescobedo@ochca.com
Phone Number:	7144336251

LUST:

Global Id:	T0605900250
Action Type:	Other
Date:	03/24/1987
Action:	Leak Discovery

Global Id:	T0605900250
Action Type:	RESPONSE
Date:	11/22/2010
Action:	Other Report / Document

Global Id:	T0605900250
Action Type:	ENFORCEMENT

QUALITY GAS (Continued) **S102435537**

Date: 09/17/2003
Action: Closure/No Further Action Letter

Global Id: T0605900250
Action Type: ENFORCEMENT
Date: 02/03/1994
Action: Notice of Responsibility

Global Id: T0605900250
Action Type: ENFORCEMENT
Date: 12/29/1994
Action: Notice of Violation

Global Id: T0605900250
Action Type: REMEDIATION
Date: 09/20/2000
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900250
Action Type: REMEDIATION
Date: 07/25/1995
Action: Excavation

Global Id: T0605900250
Action Type: REMEDIATION
Date: 07/25/1995
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900250
Action Type: ENFORCEMENT
Date: 05/12/2003
Action: LOP Case Closure Summary to RB

Global Id: T0605900250
Action Type: Other
Date: 03/24/1987
Action: Leak Reported

Global Id: T0605900250
Action Type: RESPONSE
Date: 03/29/1995
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0605900250
Action Type: RESPONSE
Date: 03/29/1995
Action: Soil and Water Investigation Workplan

LUST:
Global Id: T0605900250
Status: Open - Case Begin Date
Status Date: 03/24/1987

Global Id: T0605900250
Status: Open - Remediation
Status Date: 09/20/2000

QUALITY GAS (Continued) **S102435537**

Global Id: T0605900250
Status: Open - Verification Monitoring
Status Date: 03/12/2001

Global Id: T0605900250
Status: Completed - Case Closed
Status Date: 09/16/2003

LUST REG 8:

Name:	QUALITY GAS
Address:	9880 WARNER
City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083000316T
Local Case Num:	87UT051
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Nuisance Conditions
How Stopped:	NPP
Leak Cause:	Structure Failure
Leak Source:	Piping
Global ID:	T0605900250
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/24/1987
Enforcement Date:	Not reported
Close Date:	9/16/2003
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	9/20/2000
Date Post Remedial Action Monitoring:	3/12/2001
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7160218
Longitude:	-117.956097
MTBE Date:	12/17/2001
Max MTBE GW:	70
MTBE Concentration:	0
Max MTBE Soil:	561
MTBE Fuel:	1

QUALITY GAS (Continued) **S102435537**

MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	TME
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

CORTESE:

Name:	QUALITY GAS
Address:	9880 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900250
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	QUALITY GAS
Address:	9880 WARNER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	210450
CERS ID:	T0605900250
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

QUALITY GAS (Continued) **S102435537**

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 Main Street, Suite 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517823238

Z120 **PARNELLI JONES** **LUST U003981970**
SW **9880 WARNER AVE** **UST N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **SWEEPS UST**
0.474 mi.
2504 ft. **Site 2 of 3 in cluster Z**

Relative:
Lower

Actual:
32 ft.

ORANGE CO. LUST:

Name:	QUALITY GAS
Address:	9880 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	87UT051
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	09/23/2003
Record ID:	RO0002047

UST:

Name:	PARNELLI JONES
Address:	9880 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	8923
Permitting Agency:	ORANGE COUNTY
Latitude:	33.7170503
Longitude:	-117.9550391

SWEEPS UST:

Name:	QUALITY STATION #523
Address:	9880 WARNER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5099
Number:	9
Board Of Equalization:	44-016336
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005099-000001
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

PARNELLI JONES (Continued) **U003981970**

Name: QUALITY STATION #523
Address: 9880 WARNER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 5099
Number: 9
Board Of Equalization: 44-016336
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005099-000002
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: QUALITY STATION #523
Address: 9880 WARNER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 5099
Number: 9
Board Of Equalization: 44-016336
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005099-000003
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Z121 **BECKER TIRE LLC** **CERS HAZ WASTE** **S101609598**
SW **9880 WARNER AVE UNIT B1** **CA FID UST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **HAZNET**
0.474 mi. **HIST CORTESE**
2504 ft. **Site 3 of 3 in cluster Z** **CERS**
HWTS

Relative:
Lower

Actual:
32 ft.

CERS HAZ WASTE:
Name: O'REILLY AUTO PARTS #2673
Address: 9880 WARNER AVE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 53001
CERS ID: 10479289
CERS Description: Hazardous Waste Generator

CA FID UST:
Facility ID: 30000473

BECKER TIRE LLC (Continued) **S101609598**

Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3500 SEPULVEDA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
Name: BECKER TIRE LLC
Address: 9880 WARNER AVE UNIT B1
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 928060000
Contact: JASON BERRY
Telephone: 7146307998
Mailing Name: Not reported
Mailing Address: 1281 N KRAEMER BLVD

Year: 2018
Gepaid: CAL000425667
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.42500

Year: 2017
Gepaid: CAL000425667
TSD EPA ID: CAL000330453
CA Waste Code: 352 - Other organic solids
Disposal Method: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.15

Additional Info:
Year: 2017
Gen EPA ID: CAL000425667

Shipment Date: 20171213
Creation Date: 10/29/2018 18:30:14
Receipt Date: 20171227
Manifest ID: 018251027JJK
Trans EPA ID: CAL000330453
Trans Name: CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID: IND058484114
Trans 2 Name: HERITAGE TRANSPORT LLC
TSDF EPA ID: AZD081705402
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC

BECKER TIRE LLC (Continued) **S101609598**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1815
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:	20170831
Creation Date:	7/11/2018 18:32:18
Receipt Date:	20170831
Manifest ID:	017876875JJK
Trans EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAL000330453
Trans Name:	CLEANTECH ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.15
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

HIST CORTESE:

edr_fname:	QUALITY SS/GEMCO
edr_fadd1:	9880
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000316T

CERS:

Name:	O'REILLY AUTO PARTS #2673
Address:	9880 WARNER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	53001
CERS ID:	10479289
CERS Description:	Chemical Storage Facilities

BECKER TIRE LLC (Continued) **S101609598**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fountain Valley Fire
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-02-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-15-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-27-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-31-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTOR COMMENT: On site for a routine hazardous waste inspection. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Employees are reported to be trained. Manifests were available for review. Facility generates the following waste streams: - Returns and broken merchandised; toxic, ignitable, reactive, corrosive - Waste Oil - Drained Used Oil Filters Emergency plan is available on site. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division:	Orange County Environmental Health
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	53001

BECKER TIRE LLC (Continued) **S101609598**

Facility Name: O'Reilly Auto Parts #2673
Env Int Type Code: HWG
Program ID: 10479289
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.716100
Longitude: -117.956500

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Erin Baltazar, Agent for O'Reilly Auto Enterprises, L.L.C.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: Verisk 3E, Regulatory Dept./O'Reilly Auto, 3207 Grey Hawk Ct, Ste 200
Affiliation City: Carlsbad
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92010
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Erin Baltazar, Agent for O'Reilly Auto Enterprises, L.L.C.
Entity Title: Regulatory Compliance Specialist, Verisk 3E
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: O'Reilly Auto Parts
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

BECKER TIRE LLC (Continued) **S101609598**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	O'Reilly Auto Enterprises, L.L.C.
Entity Title:	Not reported
Affiliation Address:	702 E. Bethany Home Road
Affiliation City:	Phoenix
Affiliation State:	AZ
Affiliation Country:	United States
Affiliation Zip:	85014
Affiliation Phone:	(417) 862-3333
Affiliation Type Desc:	Operator
Entity Name:	O'Reilly Auto Enterprises, L.L.C.
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:	(417) 862-3333
Affiliation Type Desc:	Environmental Contact
Entity Name:	Verisk 3E, Regulatory Department/OG Reilly Auto Parts
Entity Title:	Not reported
Affiliation Address:	3207 Grey Hawk Court, Suite 200
Affiliation City:	Carlsbad
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92010
Affiliation Phone:	Not reported

HWTS:

Name:	BECKER TIRE LLC
Address:	9880 WARNER AVE UNIT B1
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAL000425667
Inactive Date:	Not reported
Create Date:	03/13/2017
Last Act Date:	08/20/2019
Mailing Name:	Not reported
Mailing Address:	1281 N KRAEMER BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ANAHEIM, CA 928060000
Owner Name:	BECKER TIRE LLC
Owner Address:	1281 N KRAEMER BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	ANAHEIM, CA 928060000
Contact Name:	JASON BERRY
Contact Address:	1281 N KRAEMER BLVD
Contact Address 2:	Not reported
City,State,Zip:	ANAHEIM, CA 92806

NAICS:

EPA ID:	CAL000425667

BECKER TIRE LLC (Continued) **S101609598**

Create Date:	2017-03-13 13:21:27
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2017-03-13 13:21:27
Inactive Date:	Not reported
Facility Name:	BECKER TIRE LLC
Facility Address:	9880 WARNER AVE UNIT B1
Facility Address 2:	Not reported
Facility City:	FOUNTAIN VALLEY
Facility County:	30
Facility State:	CA
Facility Zip:	92708

122
WNW
1/4-1/2
0.481 mi.
2539 ft.

THE CANS COMPANY **SWRCY** **S121311326**
16125 1/2 BROOKHURST ST **N/A**
FOUNTAIN VALLEY, CA 92624

Relative:
Lower

Actual:
40 ft.

SWRCY:

Name:	THE CANS COMPANY
Address:	16125 1/2 BROOKHURST ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92624
Reg Id:	263498
Cert Id:	RC263498.001
Mailing Address:	12362 Lampson Ave
Mailing City:	Garden Grove
Mailing State:	CA
Mailing Zip Code:	92840
Website:	Not reported
Email:	flowerv@sbcglobal.net
Phone Number:	(714) 402-5580
Rural:	N
Operation Begin Date:	11/01/2017
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Sat 9:00 am - 5:00 pm; Sun Closed
Organization ID:	19077
Organization Name:	The Cans Company

123
South
1/4-1/2
0.492 mi.
2596 ft.

ROYALTY CLEANERS **ENVIROSTOR** **S106797628**
10585 SLATER AVENUE, # A & B **N/A**
FOUNTAIN VALLEY, CA 92708

Relative:
Lower

Actual:
32 ft.

ENVIROSTOR:

Name:	ROYALTY CLEANERS
Address:	10585 SLATER AVENUE, # A & B
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	30720009
Status:	Refer: 1248 Local Agency
Status Date:	03/19/2001

ROYALTY CLEANERS (Continued) **S106797628**

Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	68
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	30720009
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	SB 1248 Notification
Completed Date:	03/19/2001
Comments:	SB 1248 Orange County

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

124
ESE
1/4-1/2
0.493 mi.
2605 ft.

Relative:
Higher

Actual:
48 ft.

FOUNTAIN VALLEY FIRE STATION #2
16767 NEWHOPE
FOUNTAIN VALLEY, CA 92708

LUST **S103444548**
Cortese **N/A**
HAZNET
HIST CORTESE
CERS
HWTS

LUST:

Name:	FOUNTAIN VALLEY FIRE STATION #2
Address:	16767 NEWHOPE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901457
Global Id:	T0605901457

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

Latitude: 33.719799
Longitude: -117.928762
Status: Completed - Case Closed
Status Date: 07/28/1994
Case Worker: TE
RB Case Number: 083001953T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 91UT125
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0605901457
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0605901457
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605901457
Action Type: Other
Date: 10/25/1991
Action: Leak Discovery

Global Id: T0605901457
Action Type: Other
Date: 10/25/1991
Action: Leak Reported

LUST:
Global Id: T0605901457
Status: Open - Case Begin Date
Status Date: 10/25/1991

Global Id: T0605901457
Status: Completed - Case Closed
Status Date: 07/28/1994

LUST REG 8:
Name: FOUNTAIN VALLEY FIRE STATION #2
Address: 16767 NEWHOPE

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

City:	FOUNTAIN VALLEY
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001953T
Local Case Num:	91UT125
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Close Tank
Leak Cause:	Unknown
Leak Source:	Unknown
Global ID:	T0605901457
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/25/1991
Enforcement Date:	Not reported
Close Date:	7/28/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7201929
Longitude:	-117.9286172
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

ORANGE CO. LUST:

Name:	FOUNTAIN VALLEY FIRE STATION #2
Address:	16767 NEWHOPE ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	91UT125
Released Substance:	Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed:	07/28/1994
Record ID:	RO0002610

CORTESE:

Name:	FOUNTAIN VALLEY FIRE STATION #2
Address:	16767 NEWHOPE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901457
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

HAZNET:

Name:	CITY OF FOUNTAIN VALLEY - FIRE STATION 2
Address:	16767 NEWHOPE ST
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Contact:	BURT HUEBERT
Telephone:	7145934614
Mailing Name:	Not reported
Mailing Address:	17300 MOUNT HERRMANN ST
Year:	2015
Gepaid:	CAC002838978
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:	0.126

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

Additional Info:

Year:	2015
Gen EPA ID:	CAC002838978
Shipment Date:	20151125
Creation Date:	2/8/2016 22:17:20
Receipt Date:	20151202
Manifest ID:	013886900JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HIST CORTESE:

edr_fname:	FOUNTAIN VALLEY FIRE ST.
edr_fadd1:	16767 NEWHOPE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001953T

CERS:

Name:	FOUNTAIN VALLEY FIRE STATION #2
Address:	16767 NEWHOPE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	246278
CERS ID:	T0605901457
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

Name: FOUNTAIN VALLEY FIRE STN #2
Address: 16767 NEWHOPE ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Site ID: 555726
CERS ID: 10574038
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fountain Valley Fire
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No Violations
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 555726
Facility Name: FOUNTAIN VALLEY FIRE STN #2
Env Int Type Code: HMBP
Program ID: 10574038
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.719820
Longitude: -117.928780

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406

FOUNTAIN VALLEY FIRE STATION #2 (Continued) **S103444548**

Affiliation Type Desc:	Parent Corporation
Entity Name:	City of Fountain Valley
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	16767 NEWHOPE ST
Affiliation City:	FOUNTAIN VALLEY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92708
Affiliation Phone:	Not reported

HWTS:

Name:	CITY OF FOUNTAIN VALLEY - FIRE STATION 2
Address:	16767 NEWHOPE ST
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAC002838978
Inactive Date:	02/24/2016
Create Date:	11/24/2015
Last Act Date:	02/24/2016
Mailing Name:	Not reported
Mailing Address:	17300 MOUNT HERRMANN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 927084104
Owner Name:	CITY OF FOUNTAIN VALLEY
Owner Address:	17300 MOUNT HERRMANN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	FOUNTAIN VALLEY, CA 927084104
Contact Name:	BURT HUEBERT
Contact Address:	17300 MOUNT HERRMANN ST
Contact Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 927084104

AA125 **APRO LLC DBA UNITED OIL #127** **SWEEPS UST** **U001743153**
ENE **11470 EDINGER AVE** **CA FID UST** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **HAZNET**
0.495 mi. **HIST CORTESE**
2615 ft. **Site 1 of 2 in cluster AA** **HWTS**

Relative:
Higher

Actual:
57 ft.

SWEEPS UST:

Name:	UNITED OIL CO
Address:	11470 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5093
Number:	9
Board Of Equalization:	44-016334

APRO LLC DBA UNITED OIL #127 (Continued) **U001743153**

Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005093-000001
Tank Status:	A
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	6

Name:	UNITED OIL CO
Address:	11470 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5093
Number:	9
Board Of Equalization:	44-016334
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005093-000002
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	UNITED OIL CO
Address:	11470 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active
Comp Number:	5093
Number:	9
Board Of Equalization:	44-016334
Referral Date:	09-30-92
Action Date:	09-15-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-000-005093-000003
Tank Status:	A
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	UNITED OIL CO
Address:	11470 EDINGER AVE
City:	FOUNTAIN VALLEY
Status:	Active

APRO LLC DBA UNITED OIL #127 (Continued) **U001743153**

Comp Number: 5093
Number: 9
Board Of Equalization: 44-016334
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005093-000004
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: UNITED OIL CO
Address: 11470 EDINGER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 5093
Number: 9
Board Of Equalization: 44-016334
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005093-000005
Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: UNITED OIL CO
Address: 11470 EDINGER AVE
City: FOUNTAIN VALLEY
Status: Active
Comp Number: 5093
Number: 9
Board Of Equalization: 44-016334
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-005093-000006
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: PETROLEUM
STG: P
Content: Not reported
Number Of Tanks: Not reported

APRO LLC DBA UNITED OIL #127 (Continued) **U001743153**

CA FID UST:
Facility ID: 30000910
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145319203
Mail To: Not reported
Mailing Address: ATTN: MRS LARSON 637 DR
Mailing Address 2: Not reported
Mailing City,St,Zip: FOUNTAIN VALLEY 92708
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HAZNET:
Name: APRO LLC DBA UNITED OIL #127
Address: 11470 EDINGER AVE
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Contact: TOM ROBINS
Telephone: 3103233992
Mailing Name: Not reported
Mailing Address: 4130 COVER STREET

Year: 2017
Gepaid: CAL000398717
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: 0.05

Year: 2017
Gepaid: CAL000398717
TSD EPA ID: CAD028409019
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.22935

Year: 2016
Gepaid: CAL000398717
TSD EPA ID: CAD028409019
CA Waste Code: 241 - Tank bottom waste
Disposal Method: H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 0.1668

Additional Info:
Year: 2017

APRO LLC DBA UNITED OIL #127 (Continued) **U001743153**

Gen EPA ID:	CAL000398717
Shipment Date:	20170724
Creation Date:	5/31/2018 18:30:25
Receipt Date:	20170801
Manifest ID:	017651388JJK
Trans EPA ID:	CAR000172874
Trans Name:	ABLE ENVIRONMENTAL SERVICES
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:	0.05
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:	20170724
Creation Date:	5/21/2018 18:33:32
Receipt Date:	20170801
Manifest ID:	017651386JJK
Trans EPA ID:	CAR000172874
Trans Name:	ABLE ENVIRONMENTAL SERVICES
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:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
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

HIST CORTESE:

edr_fname:	J AND L OIL COMPANY
edr_fadd1:	11470
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE

APRO LLC DBA UNITED OIL #127 (Continued) **U001743153**

Facility County Code: 30
Reg By: LTNKA
Reg Id: 083001179T

HWTS:
Name: APRO LLC DBA UNITED OIL #127
Address: 11470 EDINGER AVE
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708
EPA ID: CAL000398717
Inactive Date: Not reported
Create Date: 07/14/2014
Last Act Date: 12/16/2019
Mailing Name: Not reported
Mailing Address: 4130 COVER STREET
Mailing Address 2: Not reported
Mailing City,State,Zip: LONG BEACH, CA 908080000
Owner Name: APRO LLC
Owner Address: 4130 COVER STREET
Owner Address 2: Not reported
Owner City,State,Zip: LONG BEACH, CA 908080000
Contact Name: TOM ROBINS
Contact Address: 4130 COVER STREET
Contact Address 2: Not reported
City,State,Zip: LONG BEACH, CA 90808

NAICS:
EPA ID: CAL000398717
Create Date: 2014-07-14 13:59:52
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2014-07-14 13:59:52
Inactive Date: Not reported
Facility Name: APRO LLC DBA UNITED OIL #127
Facility Address: 11470 EDINGER AVE
Facility Address 2: Not reported
Facility City: FOUNTAIN VALLEY
Facility County: 30
Facility State: CA
Facility Zip: 92708

AA126 **ST MICHAEL OIL CO** **LUST** **S104160964**
ENE **11470 EDINGER** **Cortese** **N/A**
1/4-1/2 **FOUNTAIN VALLEY, CA 92708** **CERS**
0.495 mi.
2615 ft. **Site 2 of 2 in cluster AA**

Relative: Higher
Actual: 57 ft.

LUST:
Name: ST MICHAEL OIL CO
Address: 11470 EDINGER
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900927
Global Id: T0605900927
Latitude: 33.7308485
Longitude: -117.9289242

ST MICHAEL OIL CO (Continued) **S104160964**

Status: Completed - Case Closed
Status Date: 09/02/2009
Case Worker: TE
RB Case Number: 083001179T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 89UT049
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0605900927
Contact Type: Local Agency Caseworker
Contact Name: TAMARA ESCOBEDO
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: tescobedo@ochca.com
Phone Number: 7144336251

LUST:
Global Id: T0605900927
Action Type: Other
Date: 02/24/1989
Action: Leak Began

Global Id: T0605900927
Action Type: Other
Date: 02/24/1989
Action: Leak Discovery

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 03/22/1989
Action: Notice of Responsibility

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 12/12/2003
Action: Staff Letter

Global Id: T0605900927
Action Type: REMEDIATION
Date: 04/01/1997
Action: Excavation

Global Id: T0605900927
Action Type: REMEDIATION
Date: 12/01/2000
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 10/20/2008
Action: Staff Letter

ST MICHAEL OIL CO (Continued) **S104160964**

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 10/01/2008
Action: Staff Letter

Global Id: T0605900927
Action Type: Other
Date: 03/07/1989
Action: Leak Reported

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 10/01/2008
Action: Staff Letter

Global Id: T0605900927
Action Type: ENFORCEMENT
Date: 09/02/2009
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605900927
Status: Open - Case Begin Date
Status Date: 02/24/1989

Global Id: T0605900927
Status: Open - Remediation
Status Date: 12/01/2000

Global Id: T0605900927
Status: Open - Verification Monitoring
Status Date: 06/23/2004

Global Id: T0605900927
Status: Completed - Case Closed
Status Date: 09/02/2009

LUST REG 8:
Name: ST MICHAEL OIL CO
Address: 11470 EDINGER
City: FOUNTAIN VALLEY
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Post remedial action monitoring
Case Number: 083001179T
Local Case Num: 89UT049
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: NOR
Funding: Not reported
How Discovered: FI

ST MICHAEL OIL CO (Continued) **S104160964**

How Stopped:	Other Means
Leak Cause:	Structure Failure
Leak Source:	D
Global ID:	T0605900927
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/24/1989
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	12/1/2000
Date Post Remedial Action Monitoring:	6/23/2004
Enter Date:	Not reported
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7308485
Longitude:	-117.9289242
MTBE Date:	12/18/2001
Max MTBE GW:	1980
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	NOM
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

ORANGE CO. LUST:

Name:	ST MICHAEL OIL CO
Address:	11470 EDINGER AVE
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	ORANGE
Facility Id:	89UT049
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	09/02/2009
Record ID:	RO0002040

CORTESE:

Name:	ST MICHAEL OIL CO
Address:	11470 EDINGER

ST MICHAEL OIL CO (Continued) **S104160964**

City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605900927
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	ST MICHAEL OIL CO
Address:	11470 EDINGER
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Site ID:	216601
CERS ID:	T0605900927
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	TAMARA ESCOBEDO - ORANGE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	1241 EAST DYER ROAD SUITE 120
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7144336251

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127 **OMNI METAL FINISHING INC** **RCRA-LQG** **1000244927**
SE **11665 COLEY RIVER CIRCLE** **ENVIROSTOR** **CAD021221080**
1/2-1 **FOUNTAIN VALLEY, CA 92708** **HIST UST**
0.756 mi. **ECHO**
3993 ft. **EMI**

Relative:
Lower

Actual:
43 ft.

RCRA Listings:

Date Form Received by Agency:	2019-02-06 00:00:00.0
Handler Name:	OMNI METAL FINISHING INC
Handler Address:	11665 COLEY RIVER CIRCLE
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4216
EPA ID:	CAD021221080
Contact Name:	VICTOR M SALAZAR
Contact Address:	COLEY RIVER
Contact City,State,Zip:	FOUNTAIN VALLEY, CA 92708-4216

OMNI METAL FINISHING INC (Continued) **1000244927**

Contact Telephone:	714-979-9414 5295
Contact Fax:	714-641-5295
Contact Email:	VICTOR@OMNIMETEAL.COM
Contact Title:	PRESIDENT
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	COLEY RIVER CIRCLE
Mailing City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner Name:	OMNI METAL FINISHING, INC
Owner Type:	Private
Operator Name:	OMNI METAL FINISHING, INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

OMNI METAL FINISHING INC (Continued) **1000244927**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-06 19:06:42.0
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:	Not reported

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE

OMNI METAL FINISHING INC (Continued) **1000244927**

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OMNI METAL FINISHING, INC
Legal Status: Private
Date Became Current: 1980-01-02 00:00:00.
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: OMNI METAL FINISHING, INC
Legal Status: Private
Date Became Current: 1980-01-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 11665 COLEY RIVER
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708-4216
Owner/Operator Telephone: 714-979-9414
Owner/Operator Telephone Ext: 5295
Owner/Operator Fax: Not reported
Owner/Operator Email: VICTOR@OMNIMETAL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: OMNI METAL FINISHING, INC.
Legal Status: Private
Date Became Current: 1980-01-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: SAME
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: OMNI METAL FINISHING, INC
Legal Status: Private
Date Became Current: 1980-01-02 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 11665 COLEY RIVER
Owner/Operator City,State,Zip: FOUNTAIN VALLEY, CA 92708-4216
Owner/Operator Telephone: 714-979-9414

OMNI METAL FINISHING INC (Continued) **1000244927**

Owner/Operator Telephone Ext:	5295
Owner/Operator Fax:	Not reported
Owner/Operator Email:	VICTOR@OMNIMETAL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OMNI METAL FINISHING, INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	5295
Owner/Operator Fax:	Not reported
Owner/Operator Email:	VICTOR@OMNIMETAL.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OMNI METAL FINISHING
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
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:	VICTOR M SALAZAR
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RAMIRO SALAZAR
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	5258
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OMNI METAL FINISHING, INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OMNI METAL FINISHING, INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	5295
Owner/Operator Fax:	Not reported
Owner/Operator Email:	VICTOR@OMNIMETAL.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	OMNI METAL FINISHING INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIR
Owner/Operator City,State,Zip:	FOUNTAIN VLY, CA 92708-4279
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	OMNI METAL FINISHING, INC.
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
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:	OMNI METAL FINISHING, INC.
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	OMNI METAL FINISHING, INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
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:	OMNI METAL FINISHING, INC.
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
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:	VICTOR SALAZAR EUGENE KRESS
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:	OMNI METAL FINISHING INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	5295
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OMNI METAL FINISHING INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIRCLE
Owner/Operator City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	5295
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OMNI METAL FINISHING, INC
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
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:	OMNI METAL FINISHING INC
Legal Status:	Private
Date Became Current:	1980-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	11665 COLEY RIVER CIR
Owner/Operator City,State,Zip:	FOUNTAIN VLY, CA 92708-4279
Owner/Operator Telephone:	714-979-9414
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OMNI METAL FINISHING, INC.
Legal Status:	Private
Date Became Current:	1980-01-02 00:00:00.
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:	2010-05-27 00:00:00.0
Handler Name:	OMNI METAL FINISHING, 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

OMNI METAL FINISHING INC (Continued) **1000244927**

Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-03-02 00:00:00.0
Handler Name:	OMNI METAL FINISHING, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2014-03-01 00:00:00.0
Handler Name:	OMNI METAL FINISHING INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-02-26 00:00:00.0
Handler Name:	OMNI METAL FINISHING, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2018-02-23 00:00:00.0
Handler Name:	OMNI METAL FINISHING INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

OMNI METAL FINISHING INC (Continued) **1000244927**

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	OMNI METAL FINISHING 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:	2019-02-06 00:00:00.0
Handler Name:	OMNI METAL FINISHING INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1982-08-06 00:00:00.0
Handler Name:	OMNI METAL FINISHING 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:	2010-09-13 00:00:00.0
Handler Name:	OMNI METAL FINISHING INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-13 00:00:00.0
Handler Name:	OMNI METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	1992-02-18 00:00:00.0
Handler Name:	OMNI METAL FINISHING
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2000-10-12 00:00:00.0
Handler Name:	OMNI METAL FINISHING, INC.
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2002-02-12 00:00:00.0
Handler Name:	OMNI METAL FINISHING, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2004-02-23 00:00:00.0
Handler Name:	OMNI METAL FINISHING, 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

OMNI METAL FINISHING INC (Continued) **1000244927**

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2006-02-21 00:00:00.0
Handler Name:	OMNI METAL FINISHING, INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2008-02-20 00:00:00.0
Handler Name:	OMNI METAL FINISHING, 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

Facility Has Received Notices of Violation:

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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: 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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: 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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence 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:	2018-05-22 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
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:	2004-07-08 00:00:00.0
Actual Return to Compliance Date:	2004-12-20 00:00:00.0

OMNI METAL FINISHING INC (Continued) **1000244927**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	501
Date of Enforcement Action:	2004-07-08 00:00:00.0
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:	1992-11-02 00:00:00.0
Actual Return to Compliance Date:	1994-09-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence 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
Date Violation was Determined:	2009-01-14 00:00:00.0
Actual Return to Compliance Date:	2009-01-14 00:00:00.0

OMNI METAL FINISHING INC (Continued) **1000244927**

Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	601
Date of Enforcement Action:	2009-01-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2010-08-04 00:00:00.0
Actual Return to Compliance Date: 2010-08-04 00:00:00.0

OMNI METAL FINISHING INC (Continued) **1000244927**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
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 - Pre-transport
Date Violation was Determined:	2018-05-22 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence 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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: 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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: 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

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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 - Pre-transport
Date Violation was Determined: 2018-05-22 00:00:00.0
Actual Return to Compliance Date: Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
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

OMNI METAL FINISHING INC (Continued) **1000244927**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence 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: 2014-07-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2013-04-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-06-24 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2012-03-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No

OMNI METAL FINISHING INC (Continued) **1000244927**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-06-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2019-05-15 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-08-22 00:00:00.0
Evaluation Responsible Agency:	Local
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-07-08 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2004-12-20 00:00:00.0
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:	1992-11-02 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-09-26 00:00:00.0
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:	2014-09-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-01-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-01-14 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Evaluation Date:	2015-10-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-06-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-08-04 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	DFERN
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2010-08-04 00:00:00.0
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:	2018-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	1994-09-26 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

OMNI METAL FINISHING INC (Continued) **1000244927**

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:	2011-03-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2004-12-20 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-06-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-04-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

OMNI METAL FINISHING INC (Continued) **1000244927**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-08-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-03-18 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-09-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2010-02-02 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2018-06-13 00:00:00.0
Evaluation Responsible Agency: State

OMNI METAL FINISHING INC (Continued) **1000244927**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2017-01-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	OMNI METAL FINISHING, INC.
Address:	11665 COLEY RIVER CIR
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Facility ID:	71002330
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 Cypress
Assembly:	72
Senate:	34

OMNI METAL FINISHING INC (Continued) **1000244927**

Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.71166
Longitude: -117.9255
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD021221080
Alias Type: EPA Identification Number
Alias Name: 71002330
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 02/15/2000
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

HIST UST:
Name: OMNI METAL FINISHING INC.
Address: 11665 COLEY RIVER CIR
City,State,Zip: FOUNTAIN VALLEY, CA 92708
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000049349
Facility Type: Not reported
Other Type: METAL FINISHING PLAN
Contact Name: Not reported
Telephone: 7149799414
Owner Name: OMNI METAL FINISHING INC.
Owner Address: 11665 COLEY RIVER CIRCLE
Owner City,St,Zip: FOUNTAIN VALLEY, CA 92708
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1984
Tank Capacity: 00000480
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 1/4"

OMNI METAL FINISHING INC (Continued) **1000244927**

Leak Detection: 10

Tank Num: 002
Container Num: 2
Year Installed: 1980
Tank Capacity: 00000700
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 10"
Leak Detection: Not reported

ECHO:
Envid: 1000244927
Registry ID: 110013858691
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110013858691
Name: OMNI METAL FINISHING
Address: 11665 COLEY RIVER CIR
City,State,Zip: FOUNTAIN VALLEY, CA 92708

EMI:
Name: OMNI METAL FINISHING INC
Address: 11665 COLEY RIVER CIRCLE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 8408
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 2
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: OMNI METAL FINISHING INC
Address: 11665 COLEY RIVER CIRCLE
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 8408
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 22
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 2

OMNI METAL FINISHING INC (Continued) **1000244927**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

128
NW
1/2-1
0.786 mi.
4149 ft.

Relative:
Lower

Actual:
43 ft.

YES CLEANERS
15397 BROOKHURST
WESTMINSTER, CA 92683

RCRA-SQG **1000472853**
ENVIROSTOR **CAD982433849**
Orange Co. Industrial Site
FINDS
ECHO
DRYCLEANERS
HAZNET
HWTS

RCRA Listings:

Date Form Received by Agency:	1990-10-15 00:00:00.0
Handler Name:	YES CLEANERS
Handler Address:	15397 BROOKHURST
Handler City,State,Zip:	WESTMINSTER, CA 92683
EPA ID:	CAD982433849
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	15397 BROOKHURST
Contact City,State,Zip:	WESTMINSTER, CA 92683
Contact Telephone:	714-531-9891
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	BROOKHURST
Mailing City,State,Zip:	WESTMINSTER, CA 92683
Owner Name:	DARYOUSH SAREMI
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

YES CLEANERS (Continued) **1000472853**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DARYOUSH SAREMI
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

YES CLEANERS (Continued) **1000472853**

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:	1990-10-15 00:00:00.0
Handler Name:	YES CLEANERS
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

ENVIROSTOR:

Name:	YES DRY CLEANER
Address:	15397 BROOKHURST ST.
City,State,Zip:	WESTMINSTER, CA 92683
Facility ID:	30720023
Status:	Refer: 1248 Local Agency
Status Date:	09/22/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	68
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.73908
Longitude:	-117.9561
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	30720023
Alias Type:	Envirostor ID Number

YES CLEANERS (Continued) **1000472853**

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification
Completed Date: 09/22/2000
Comments: DTSC is not involved with this project.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Orange Co. Industrial Site:
Name: YES CLEANERS
Address: 15397 BROOKHURST ST
City,State,Zip: WESTMINSTER, CA 92683
Case ID: 00IC021
Record ID: RO0000015
Current Status: CLOSED 4/12/2001
Closure Type: Closure certification issued
Released Chemical: PERCHLOROETHYLENE

FINDS:
Registry ID: 110002810931

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000472853
Registry ID: 110002810931
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002810931
Name: YES CLEANERS
Address: 15397 BROOKHURST
City,State,Zip: WESTMINSTER, CA 92683

DRYCLEAN SOUTH COAST:
Name: YES CLEANERS
Address: 15397 BROOKHURST ST
City,State,Zip: WESTMINSTER, CA 92683
Facility ID: 100519

YES CLEANERS (Continued) **1000472853**

Application Number: 290098
Permit Number: D81135
Status: A
Representative Name: DARYOUSH HIDARI
Representative Telephone: 714 5319891
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 411.54299927
UTM North: 3733.4360352

HAZNET:
Name: YES CLEANERS
Address: 15397 BROOKHURST ST
Address 2: Not reported
City,State,Zip: WESTMINSTER, CA 926837050
Contact: MR HEIDAR
Telephone: 7145319891
Mailing Name: Not reported
Mailing Address: 15397 BROOKHURST ST

Year: 2002
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2168

Year: 2002
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H01 - Transfer Station
Tons: 0.16

Year: 2002
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: -
Tons: 0

Year: 2002
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: -
Tons: Not reported

Year: 2001
Gepaid: CAD982433849
TSD EPA ID: CAD008302903

YES CLEANERS (Continued) **1000472853**

CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.3127

Year: 2001
Gepaid: CAD982433849
TSD EPA ID: CAT000646117
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: D80 - Disposal, Land Fill
Tons: 4.214

Year: 2001
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: H01 - Transfer Station
Tons: 0.14

Year: 2001
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: -
Tons: 0

Year: 2001
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: -
Tons: 0

Year: 2000
Gepaid: CAD982433849
TSD EPA ID: CAD008302903
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2293

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2000
Gen EPA ID: CAD982433849

Shipment Date: 20001027
Creation Date: 1/9/2001 0:00:00
Receipt Date: 20001102
Manifest ID: 20585115
Trans EPA ID: CAD983657719

YES CLEANERS (Continued) **1000472853**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
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:	20001027
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001102
Manifest ID:	20585115
Trans EPA ID:	CAD983657719
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
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:	20000229
Creation Date:	8/9/2000 0:00:00
Receipt Date:	20000301
Manifest ID:	99690730
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported

YES CLEANERS (Continued) **1000472853**

Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	20000229
Creation Date:	8/9/2000 0:00:00
Receipt Date:	20000301
Manifest ID:	99690730
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0875
Waste Quantity:	21
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD982433849
Shipment Date:	20010726
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010802
Manifest ID:	21139732
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

YES CLEANERS (Continued) **1000472853**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
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:	20010726
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010802
Manifest ID:	21139732
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	- Not reported
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:	20010726
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010802
Manifest ID:	21139732
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
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

YES CLEANERS (Continued) **1000472853**

Additional Code 5:	Not reported
Shipment Date:	20010626
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010629
Manifest ID:	21139622
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	F002
Meth Code:	- Not reported
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:	20010626
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010629
Manifest ID:	21139622
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
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:	20010626
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010629
Manifest ID:	21139622
Trans EPA ID:	CAR000095927
Trans Name:	Not reported

YES CLEANERS (Continued) **1000472853**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010228
Creation Date:	5/16/2001 0:00:00
Receipt Date:	20010322
Manifest ID:	98394490
Trans EPA ID:	CAD000056630
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980887046
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
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:	D80 - Disposal, Land Fill
Quantity Tons:	4.214
Waste Quantity:	5
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010224
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010309
Manifest ID:	20717100
Trans EPA ID:	CAR000075424
Trans Name:	Not reported
Trans 2 EPA ID:	CAR000085639
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

YES CLEANERS (Continued) **1000472853**

RCRA Code: F002
Meth Code: R01 - Recycler
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: 20010224
Creation Date: 4/30/2001 0:00:00
Receipt Date: 20010309
Manifest ID: 20717100
Trans EPA ID: CAR000075424
Trans Name: Not reported
Trans 2 EPA ID: CAR000085639
Trans 2 Name: Not reported
TSDF EPA ID: CAD008302903
Trans Name: Not reported
TSDF Alt EPA ID: CAD008302903
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: H01 - Transfer Station
Quantity Tons: 0.08
Waste Quantity: 160
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1995
Gen EPA ID: CAD982433849

Shipment Date: 19951031
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19951101
Manifest ID: 95888575
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.2107

YES CLEANERS (Continued) **1000472853**

Waste Quantity:	0.25
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:	19951031
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951101
Manifest ID:	95888575
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1417
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:	19950629
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950630
Manifest ID:	95598363
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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

YES CLEANERS (Continued) **1000472853**

Shipment Date:	19950629
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950630
Manifest ID:	95598363
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1167
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:	19950407
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950410
Manifest ID:	95187412
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
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:	19950407
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950410
Manifest ID:	95187412
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

YES CLEANERS (Continued) **1000472853**

TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0625
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

Additional Info:

Year:	1999
Gen EPA ID:	CAD982433849
Shipment Date:	19991119
Creation Date:	8/1/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99717394
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	21.07
Waste Quantity:	25
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:	19991119
Creation Date:	8/1/2000 0:00:00
Receipt Date:	19991122
Manifest ID:	99717394
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

YES CLEANERS (Continued) **1000472853**

TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1459
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:	19990615
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990616
Manifest ID:	99317757
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19990615
Creation Date:	11/22/1999 0:00:00
Receipt Date:	19990616
Manifest ID:	99317757
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30

YES CLEANERS (Continued) **1000472853**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990218
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990301
Manifest ID:	98761803
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19990218
Creation Date:	6/3/1999 0:00:00
Receipt Date:	19990301
Manifest ID:	98761803
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.221
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

YES CLEANERS (Continued) **1000472853**

Additional Info:

Year:	2002
Gen EPA ID:	CAD982433849
Shipment Date:	20020207
Creation Date:	6/28/2002 18:31:15
Receipt Date:	20020213
Manifest ID:	21576210
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020207
Creation Date:	6/28/2002 18:31:15
Receipt Date:	20020213
Manifest ID:	21576210
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020207
Creation Date:	6/28/2002 18:31:15
Receipt Date:	20020213

YES CLEANERS (Continued) **1000472853**

Manifest ID:	21576210
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020125
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020201
Manifest ID:	21576129
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2168
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:	20020125
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020201
Manifest ID:	21576129
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903

YES CLEANERS (Continued) **1000472853**

TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020125
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020201
Manifest ID:	21576129
Trans EPA ID:	CAR000095927
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
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

Additional Info:

Year:	1996
Gen EPA ID:	CAD982433849
Shipment Date:	19961226
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961227
Manifest ID:	96707918
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002

YES CLEANERS (Continued) **1000472853**

Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19961226
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961227
Manifest ID:	96707918
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.075
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:	19961011
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961014
Manifest ID:	96567616
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

YES CLEANERS (Continued) **1000472853**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961011
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19961014
Manifest ID:	96567616
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1125
Waste Quantity:	27
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960618
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960619
Manifest ID:	96109956
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19960618
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960619
Manifest ID:	96109956

YES CLEANERS (Continued) **1000472853**

Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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:	19960219
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960220
Manifest ID:	95884450
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19960219
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960220
Manifest ID:	95884450
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

YES CLEANERS (Continued) **1000472853**

TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 0.1584
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

Additional Info:
Year: 1997
Gen EPA ID: CAD982433849

Shipment Date: 19971224
Creation Date: 4/16/1998 0:00:00
Receipt Date: 19971226
Manifest ID: 97316452
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code: F002
Meth Code: R01 - Recycler
Quantity Tons: 21.07
Waste Quantity: 25
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19971224
Creation Date: 4/16/1998 0:00:00
Receipt Date: 19971226
Manifest ID: 97316452
Trans EPA ID: CAD981414386
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981397417
Trans Name: Not reported
TSDF Alt EPA ID: CAD981397417
TSDF Alt Name: Not reported
Waste Code Description: 211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.

YES CLEANERS (Continued) **1000472853**

RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1042
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:	19970911
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970912
Manifest ID:	96781171
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19970911
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970912
Manifest ID:	96781171
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.1459
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

YES CLEANERS (Continued) **1000472853**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970520
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970521
Manifest ID:	96838450
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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:	19970520
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970521
Manifest ID:	96838450
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981397417
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
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

Additional Info:

Year:	1998
Gen EPA ID:	CAD982433849

YES CLEANERS (Continued) **1000472853**

Shipment Date:	19980930
Creation Date:	11/23/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	98059422
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
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:	19980930
Creation Date:	11/23/1998 0:00:00
Receipt Date:	Not reported
Manifest ID:	98059422
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	- Not reported
Quantity Tons:	0.0917
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980706
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980722
Manifest ID:	98301947
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983

YES CLEANERS (Continued) **1000472853**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
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:	19980706
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980722
Manifest ID:	98301947
Trans EPA ID:	CAD052606324
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981375983
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981375983
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980407
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980408
Manifest ID:	98346969
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.0708
Waste Quantity:	17

YES CLEANERS (Continued) **1000472853**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980407
Creation Date:	6/26/1998 0:00:00
Receipt Date:	19980408
Manifest ID:	98346969
Trans EPA ID:	CAD981414386
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981397417
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.2107
Waste Quantity:	0.25
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

HWTS:

Name:	YES CLEANERS
Address:	15397 BROOKHURST ST
Address 2:	Not reported
City,State,Zip:	WESTMINSTER, CA 926837050
EPA ID:	CAD982433849
Inactive Date:	06/30/2003
Create Date:	10/15/1990
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	15397 BROOKHURST ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WESTMINSTER, CA 926837050
Owner Name:	DARYOUSH SAREMI
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, ME 999990000
Contact Name:	MR HEIDAR
Contact Address:	15397 BROOKHURST ST
Contact Address 2:	Not reported
City,State,Zip:	WESTMINSTER, CA 926837050

129
SSE
1/2-1
0.916 mi.
4839 ft.

Relative:
Lower

Actual:
34 ft.

COSTCO WHOLESALE NO 411
17900 NEWHOPE ST
FOUNTAIN VALLEY, CA 92708

Database(s): RCRA-LQG, ENVIROSTOR, CHMIRS, FINDS, ECHO, EMI, HAZNET, HWTS

EDR ID Number: 1004677946
EPA ID Number: CAR000103291

RCRA Listings:

Date Form Received by Agency:	2018-03-01 00:00:00.0
Handler Name:	COSTCO WHOLESALE #411
Handler Address:	17900 NEWHOPE STREET
Handler City,State,Zip:	FOUNTAIN VALLEY, CA 92708
EPA ID:	CAR000103291
Contact Name:	ROSE THOMPSON
Contact Address:	LAKE DR
Contact City,State,Zip:	ISSAQUAH, WA 98027
Contact Telephone:	425-313-6674
Contact Fax:	Not reported
Contact Email:	RTHOMPSON@COSTCO.COM
Contact Title:	MANAGER, ENVIRONMENTAL SERVICES
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large 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:	GREY HAWK CT, SUITE 200
Mailing City,State,Zip:	CARLSBAD, CA 92010
Owner Name:	COSTCO WHOLESALE CORPORATION
Owner Type:	Private
Operator Name:	COSTCO WHOLESALE 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
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-26 18:57:03.0
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:	Not reported

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D013
Waste Description: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U015
Waste Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Waste Code: U034

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U057
Waste Description: CYCLOHEXANONE (I)

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U075
Waste Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U121
Waste Description: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: COSTCO WHOLESALE CORPORATION
Legal Status: Private
Date Became Current: 1983-08-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 999 LAKE DR
Owner/Operator City,State,Zip: ISSAQUAH, WA 98027

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
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:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
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:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
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:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1983-08-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2014-03-01 00:00:00.0
Handler Name:	COSTCO WHOLESALE #411
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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Receive Date:	2016-08-05 00:00:00.0
Handler Name:	COSTCO WHOLESALE # 411
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2018-03-01 00:00:00.0
Handler Name:	COSTCO WHOLESALE #411
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	2001-08-20 00:00:00.0
Handler Name:	COSTCO WHOLESALE NO 411
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:	2014-07-11 00:00:00.0
Handler Name:	COSTCO WHOLESALE NO 411
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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

ENVIROSTOR:
Name: PRICE CLUB #411
Address: 17900 NEWHOPE STREET
City,State,Zip: FOUNTAIN VALLEY, CA 92708
Facility ID: 71003255
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 Cypress
Assembly: 72
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.70344
Longitude: -117.9319
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000055264
Alias Type: EPA Identification Number
Alias Name: 71003255
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

CHMIRS:
Name: Not reported
Address: 17900 NEWHOPE ST
City,State,Zip: FOUNTAIN VALLEY, CA 92708
OES Incident Number: 15-2008

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

OES notification:	04/10/2015
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2230
Year:	2015
Agency:	3E
Incident Date:	04/04/2015
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Freon R22
Quantity Released:	610
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller states due to a small leak on a refrigerating unit freon released over an unknown period of time. Caller states first alarm received about leak was 4/4/2015 2230 hrs.

FINDS:
Registry ID: 110012221470

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004677946
Registry ID:	110012221470
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012221470
Name:	COSTCO WHOLESALE NO 411
Address:	17900 NEWHOPE ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708

EMI:

Name:	COSTCO WHOLESALE #411
Address:	17900 NEWHOPE ST
City,State,Zip:	FOUNTAIN VALLEY, CA 92708
Year:	2018
County Code:	30
Air Basin:	SC
Facility ID:	120494
Air District Name:	SC
SIC Code:	5912
Air District Name:	SOUTH COAST AQMD

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.73915
Reactive Organic Gases Tons/Yr:	9.73915
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

HAZNET:

Name:	COSTCO WHOLESALE #411
Address:	17900 NEWHOPE ST
Address 2:	Not reported
City,State,Zip:	FOUNTAIN VALLEY, CA 92010
Contact:	MELISSA VALES
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT STE 200
Year:	2019
Gepaid:	CAR000103291
TSD EPA ID:	CAD008364432
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01000
Year:	2019
Gepaid:	CAR000103291
TSD EPA ID:	CAD008364432
CA Waste Code:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00400
Year:	2019
Gepaid:	CAR000103291
TSD EPA ID:	CAD008364432
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01050
Year:	2019
Gepaid:	CAR000103291
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:	0.42000
Year:	2019
Gepaid:	CAR000103291
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.42000

Year: 2019
Gepaid: CAR000103291
TSD EPA ID: NVD980895338
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00150

Year: 2019
Gepaid: CAR000103291
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.40000

Year: 2019
Gepaid: CAR000103291
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.03850

Year: 2019
Gepaid: CAR000103291
TSD EPA ID: NVD980895338
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: 0.31100

Year: 2019
Gepaid: CAR000103291
TSD EPA ID: AZR000515924
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: 1.33550

Click this hyperlink while viewing on your computer to access
114 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2008
Gen EPA ID: CAR000103291

Shipment Date: 20081009
Creation Date: 2/20/2009 18:30:20
Receipt Date: 20081017
Manifest ID: 001550394SKS
Trans EPA ID: TXR000050930

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0475
Waste Quantity:	95
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:	20080703
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080710
Manifest ID:	001247019SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	1
Waste Quantity:	2000
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:	20080618
Creation Date:	10/30/2008 18:30:54
Receipt Date:	20080627
Manifest ID:	001247416SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
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:	20080603
Creation Date:	10/13/2008 18:30:32
Receipt Date:	20080612
Manifest ID:	001218462SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080314
Creation Date:	8/7/2008 18:30:22
Receipt Date:	20080327
Manifest ID:	001069440SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.095
Waste Quantity:	190
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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20080305
Creation Date:	8/7/2008 18:30:22
Receipt Date:	20080319
Manifest ID:	001050778SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000103291
Shipment Date:	20151223
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151230
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 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: 0.0105
Waste Quantity: 21
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151223
Creation Date: 3/25/2016 22:15:42
Receipt Date: 20151230
Manifest ID: 008509435FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
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: 20151223
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 008509435FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

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:	0.0675
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:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0265
Waste Quantity:	53
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.036
Waste Quantity:	72

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
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:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000103291

Shipment Date:	20111230
Creation Date:	5/24/2012 20:30:25
Receipt Date:	20120111

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Manifest ID:	004056928FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
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:	20111230
Creation Date:	5/24/2012 20:30:25
Receipt Date:	20120111
Manifest ID:	004056928FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111230
Creation Date:	5/24/2012 20:30:25
Receipt Date:	20120111
Manifest ID:	004056928FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111209
Creation Date:	4/26/2012 20:30:19
Receipt Date:	20111209
Manifest ID:	008657918JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	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:	0.075
Waste Quantity:	150
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:	20111025
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111103
Manifest ID:	005014573FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111025
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111103
Manifest ID:	005014573FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111025
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111103
Manifest ID:	005014573FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20111025
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111103
Manifest ID:	005014573FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	561 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111004
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111005
Manifest ID:	008657812JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	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:	0.075
Waste Quantity:	150
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:	20111004
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111005
Manifest ID:	008657812JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
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: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.06255
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2009
Gen EPA ID: CAR000103291

Shipment Date: 20091123
Creation Date: 5/20/2010 18:30:40
Receipt Date: 20091124
Manifest ID: 002319301SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: D018
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.03
Waste Quantity: 60
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: 20091123
Creation Date: 5/20/2010 18:30:40
Receipt Date: 20091124
Manifest ID: 002319301SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090910
Creation Date:	3/5/2010 18:30:17
Receipt Date:	20090922
Manifest ID:	002160463SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.095
Waste Quantity:	190
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:	20090729
Creation Date:	1/8/2010 18:30:22
Receipt Date:	20090803
Manifest ID:	002139021SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 5:	Not reported
Shipment Date:	20090729
Creation Date:	1/8/2010 18:30:22
Receipt Date:	20090803
Manifest ID:	002139021SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.03
Waste Quantity:	60
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:	20090608
Creation Date:	7/31/2009 18:30:08
Receipt Date:	20090608
Manifest ID:	001685134SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
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:	20090423
Creation Date:	8/17/2009 18:30:48
Receipt Date:	20090505
Manifest ID:	001943704SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090415
Creation Date:	8/17/2009 18:30:22
Receipt Date:	20090427
Manifest ID:	001749977SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
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:	20090401
Creation Date:	7/31/2009 18:30:37
Receipt Date:	20090407
Manifest ID:	001685535SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS 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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAR000103291
Shipment Date:	20141218
Creation Date:	5/18/2015 22:15:16
Receipt Date:	20141223
Manifest ID:	007640649FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141218
Creation Date:	3/9/2015 22:15:06
Receipt Date:	20141224
Manifest ID:	007640650FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
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:	0.084
Waste Quantity:	20

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20141213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.036
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

Shipment Date:	20141213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141213
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141223
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0235
Waste Quantity:	47
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141213
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
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:	20141213
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141223
Manifest ID:	007250990FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

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

Shipment Date: 20141213
Creation Date: 3/19/2015 22:14:50
Receipt Date: 20141223
Manifest ID: 007250990FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
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: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAR000103291

Shipment Date: 20131125
Creation Date: 4/24/2014 22:14:56
Receipt Date: 20131217
Manifest ID: 006268380FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	4/24/2014 22:14:56
Receipt Date:	20131217
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0395
Waste Quantity:	79
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	4/24/2014 22:14:56
Receipt Date:	20131217
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.043
Waste Quantity:	86
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	4/5/2014 22:15:10
Receipt Date:	20131127
Manifest ID:	005763017FLE
Trans EPA ID:	CAR000183913

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
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:	20131125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131125
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0665
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:	20131125
Creation Date:	4/24/2014 22:14:56
Receipt Date:	20131217
Manifest ID:	006268380FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000103291

Shipment Date: 20121024
Creation Date: 4/3/2013 22:15:15
Receipt Date: 20121109
Manifest ID: 005865614FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 311 - Pharmaceutical waste
RCRA Code: P001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0015
Waste Quantity: 3
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121024
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 005865614FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: INR000110197
Trans Name: STERICYCLE INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 561 - Not reported
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 0.0995
Waste Quantity: 199
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20121024
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121109
Manifest ID:	005865614FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.018
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:	20121024
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121109
Manifest ID:	005865614FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent 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:	20121024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005865614FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.01
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:	20121024
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121109
Manifest ID:	005865614FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121024
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005865614FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	1/5/2013 22:15:31
Receipt Date:	20121102
Manifest ID:	005773409FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
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:	0.0042
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:	20121023
Creation Date:	3/22/2013 22:15:17
Receipt Date:	20121031
Manifest ID:	005773408FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120822
Creation Date:	1/25/2013 22:15:18
Receipt Date:	20120905
Manifest ID:	005433300FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000103291
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
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

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20151223
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151230
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151223
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151230
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151223
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151230
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
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:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	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:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0675
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:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0265
Waste Quantity:	53
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.036
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
Shipment Date:	20151223
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008509435FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000103291

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20101123
Creation Date:	5/20/2011 18:30:13
Receipt Date:	20101123
Manifest ID:	007429225JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0417
Waste Quantity:	10
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:	20101123
Creation Date:	5/20/2011 18:30:13
Receipt Date:	20101123
Manifest ID:	007429225JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101019
Creation Date:	3/30/2011 18:30:29
Receipt Date:	20101029
Manifest ID:	005755762JJK
Trans EPA ID:	SCR000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377070

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans Name:	ENVIRONMENTAL ENTERPRISES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	D001
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101019
Creation Date:	3/30/2011 18:30:29
Receipt Date:	20101029
Manifest ID:	005755762JJK
Trans EPA ID:	SCR000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377070
Trans Name:	ENVIRONMENTAL ENTERPRISES
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:	0.0065
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:	20101019
Creation Date:	3/30/2011 18:30:29
Receipt Date:	20101029
Manifest ID:	005755762JJK
Trans EPA ID:	SCR000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377070
Trans Name:	ENVIRONMENTAL ENTERPRISES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0025

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

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:	20100909
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20100910
Manifest ID:	007429046JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100909
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20100910
Manifest ID:	007429046JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	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:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20100802
Creation Date:	2/1/2011 18:30:18
Receipt Date:	20100806
Manifest ID:	007139927JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	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:	0.075
Waste Quantity:	150
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:	20100802
Creation Date:	2/1/2011 18:30:18
Receipt Date:	20100806
Manifest ID:	007139927JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100722
Creation Date:	1/26/2011 18:30:24
Receipt Date:	20100819
Manifest ID:	007402361JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

TSDF EPA ID: OHD083377010
Trans Name: ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.032
Waste Quantity: 64
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2007
Gen EPA ID: CAR000103291

Shipment Date: 20070920
Creation Date: 3/5/2008 18:30:06
Receipt Date: 20070928
Manifest ID: 000575000SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS 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: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1
Waste Quantity: 200
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: 20070605
Creation Date: 12/28/2007 18:30:06
Receipt Date: 20070612
Manifest ID: 000537872SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.125
Waste Quantity:	250
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:	20070103
Creation Date:	7/25/2008 18:30:08
Receipt Date:	20070115
Manifest ID:	000251218CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000618
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:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000103291
Shipment Date:	20171222
Creation Date:	10/16/2018 18:30:53
Receipt Date:	20180108
Manifest ID:	010817527FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLD WIDE RECOVERY
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.038
Waste Quantity:	76

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0365
Waste Quantity:	73
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D026
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D010
Additional Code 3:	D005
Additional Code 4:	D004
Additional Code 5:	Not reported

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171222
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20180109
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U057
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:	D016
Additional Code 2:	D011
Additional Code 3:	D010
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20171222
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20180109
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

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:	20171222
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20180109
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.1845
Waste Quantity:	4369
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:	20171222
Creation Date:	8/3/2018 18:30:48
Receipt Date:	20180109
Manifest ID:	010817526FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 411 (Continued) **1004677946**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: COSTCO WHOLESALE #411
Address: 17900 NEWHOPE ST
Address 2: Not reported
City,State,Zip: FOUNTAIN VALLEY, CA 92708
EPA ID: CAR000103291
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: 09/06/2019
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: CARLSBAD, CA 92010
Owner Name: COSTCO
Owner Address: 999 LAKE DR
Owner Address 2: Not reported
Owner City,State,Zip: ISSAQUAH, WA 980270000
Contact Name: MELISSA VALES
Contact Address: 3207 GREY HAWK CT., SUITE 200
Contact Address 2: Not reported
City,State,Zip: CARLSBAD, CA 920100000

NAICS:
EPA ID: CAR000103291
Create Date: 2003-10-23 13:13:52
NAICS Code: 45299
NAICS Description: All Other General Merchandise Stores
Issued EPA ID Date: 2003-03-04 14:25:35
Inactive Date: Not reported
Facility Name: COSTCO WHOLESALE #411
Facility Address: 17900 Newhope St
Facility Address 2: Not reported
Facility City: Fountain Valley
Facility County: 30
Facility State: CA
Facility Zip: 92708

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130 SE 1/2-1 0.960 mi. 5071 ft. **TTM TECHNOLOGIES INC**
2645 CRODDY WAY
SANTA ANA, CA 92704

ENVIROSTOR EMI **S106837608 N/A**

Relative: Lower
Actual: 44 ft.

ENVIROSTOR:
Name: POWER CIRCUITS, INC.
Address: 2645 CRODDY WAY
City,State,Zip: SANTA ANA, CA 92704
Facility ID: 71002669
Status: Inactive - Needs Evaluation
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit

TTM TECHNOLOGIES INC (Continued) **S106837608**

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 69
Senate: 34
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.74557
Longitude: -117.8678
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD120849963
Alias Type: EPA Identification Number
Alias Name: 71002669
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
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

EMI:
Name: POWER CIRCUITS INC
Address: 2645 CRODDY WAY
City,State,Zip: SANTA ANA, CA 927045203
Year: 1990
County Code: 30
Air Basin: SC
Facility ID: 62986
Air District Name: SC
SIC Code: 36
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0

TTM TECHNOLOGIES INC (Continued) **S106837608**

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:	TTM TECHNOLOGIES INC
Address:	2645 CRODDY WAY
City,State,Zip:	SANTA ANA, CA 92704
Year:	2016
County Code:	30
Air Basin:	SC
Facility ID:	62986
Air District Name:	SC
SIC Code:	3672
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.343774285
Reactive Organic Gases Tons/Yr:	7.39644
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:	0.00176
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001232

Count: 7 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA ANA	S108985898	BRISTOL PLAZA CALIF CLEANERS	BRISTOL STREET		CPS-SLIC
SANTA ANA	S104746053	RUDY'S AUTO REPAIR	415 BRISTOL ST	92703	LUST, HIST CORTESE
SANTA ANA	S104791856	SHELL #510 FORMER	510 BRISTOL ST	92703	LUST
SANTA ANA	S124793825	MILE SQUARE PARK DENTAL CENTER	5127 W EDINGER STE E	92704	HWTS
SANTA ANA	S121698360	FAMILY CLEANERS	2710 B EDINGER	92704	DRYCLEANERS
SANTA ANA	S121698032	FAMILY CLEANERS	2710 B EDINGER	92704	DRYCLEANERS
SANTA ANA	S104401208	NATIONAL GUARD	612 WARNER AVE	92704	LUST, HIST CORTESE

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

Federal NPL site list

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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/12/2020
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

Federal Delisted NPL site list

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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

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: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/03/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
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: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
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: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/07/2020
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 87

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

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: 04/27/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

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: 04/27/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

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: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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 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

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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

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 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 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 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 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/26/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
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: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/23/2020
Next Scheduled EDR Contact: 11/01/2020
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 04/27/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

State and tribal Brownfields 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: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
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: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
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: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
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: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
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: 04/27/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
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: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 04/20/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 83

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
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: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

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: 05/04/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 72

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

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: 04/20/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/09/2020
Number of Days to Update: 79

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

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

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: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
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: 06/22/2020
Date Data Arrived at EDR: 06/23/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 03/31/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/09/2020
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/18/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 05/13/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 86

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/05/2020
Next Scheduled EDR Contact: 11/23/2020
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: 06/15/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/30/2020
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: 03/01/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/15/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
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: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 12/14/2020
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: 01/31/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/15/2020
Next Scheduled EDR Contact: 11/02/2020
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: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 11/16/2020
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: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
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: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/04/2020
Next Scheduled EDR Contact: 12/14/2020
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: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
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: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
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: 09/24/2020
Next Scheduled EDR Contact: 01/11/2021
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: 07/27/2020
Next Scheduled EDR Contact: 11/09/2020
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: 06/30/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/21/2020
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
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: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/22/2020
Next Scheduled EDR Contact: 01/04/2021
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: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
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: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020
Date Data Arrived at EDR: 08/03/2020
Date Made Active in Reports: 08/25/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/11/2021
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

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: 05/01/2020
Date Data Arrived at EDR: 05/21/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
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: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/27/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 76
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 05/04/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 72
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/14/2020
Next Scheduled EDR Contact: 11/23/2020
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: 06/04/2020
Date Data Arrived at EDR: 06/05/2020
Date Made Active in Reports: 08/17/2020
Number of Days to Update: 73

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/24/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 12/07/2020
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: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
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: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2020
Date Data Arrived at EDR: 05/15/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 73

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 73

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
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: 05/18/2020
Date Data Arrived at EDR: 05/18/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/17/2020
Next Scheduled EDR Contact: 11/30/2020
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: 07/06/2020
Date Data Arrived at EDR: 07/07/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/07/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 05/28/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/28/2020
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 08/21/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 08/27/2020
Number of Days to Update: 6
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 08/20/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/06/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
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: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
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: 04/20/2020
Date Data Arrived at EDR: 04/21/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 83

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/19/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/28/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 07/01/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/11/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Semi-Annually

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: 04/08/2020
Date Data Arrived at EDR: 04/09/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/30/2020
Date Data Arrived at EDR: 07/01/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 13

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/17/2020
Date Data Arrived at EDR: 06/18/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 76

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/04/2021
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: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 04/01/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 07/06/2020
Number of Days to Update: 77

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 04/16/2020
Date Data Arrived at EDR: 04/20/2020
Date Made Active in Reports: 07/08/2020
Number of Days to Update: 79

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/07/2020
Date Data Arrived at EDR: 05/07/2020
Date Made Active in Reports: 07/23/2020
Number of Days to Update: 77

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 08/13/2020
Next Scheduled EDR Contact: 11/09/2020
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: 06/30/2020
Date Data Arrived at EDR: 07/01/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 78

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/30/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 26

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 04/29/2020
Date Data Arrived at EDR: 05/05/2020
Date Made Active in Reports: 08/26/2020
Number of Days to Update: 113

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/05/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 73

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 08/21/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/20/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/14/2020
Number of Days to Update: 77

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/08/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/02/2020
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: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2020
Date Data Arrived at EDR: 07/10/2020
Date Made Active in Reports: 09/28/2020
Number of Days to Update: 80

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/01/2020
Next Scheduled EDR Contact: 01/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/13/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 78

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/13/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/08/2020
Next Scheduled EDR Contact: 10/26/2020
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: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
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: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 10/26/2020
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: 06/01/2019
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: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
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: 06/01/2019
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: 09/25/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 04/14/2020
Date Made Active in Reports: 07/01/2020
Number of Days to Update: 78
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2020
Next Scheduled EDR Contact: 10/26/2020
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: 07/08/2020
Next Scheduled EDR Contact: 10/26/2020
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: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 02/24/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 07/24/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
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: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/07/2020
Date Made Active in Reports: 07/24/2020
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/21/2020
Next Scheduled EDR Contact: 11/09/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/08/2020
Date Made Active in Reports: 07/24/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/08/2020
Date Made Active in Reports: 07/24/2020
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2020
Date Data Arrived at EDR: 05/05/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/03/2020
Next Scheduled EDR Contact: 11/16/2020
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: 06/08/2020
Date Data Arrived at EDR: 06/10/2020
Date Made Active in Reports: 08/24/2020
Number of Days to Update: 75

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
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: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/15/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
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: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
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: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/02/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/24/2020
Date Data Arrived at EDR: 04/28/2020
Date Made Active in Reports: 07/13/2020
Number of Days to Update: 76
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 71
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 08/14/2020
Number of Days to Update: 73

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/31/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
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: 05/04/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 72

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/10/2020
Next Scheduled EDR Contact: 12/28/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/08/2020
Date Data Arrived at EDR: 05/08/2020
Date Made Active in Reports: 08/03/2020
Number of Days to Update: 87

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 09/11/2020
Next Scheduled EDR Contact: 12/21/2020
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: 09/01/2020
Next Scheduled EDR Contact: 12/21/2020
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: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/08/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 08/19/2020
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/22/2020
Date Data Arrived at EDR: 04/24/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 13

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/28/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/07/2020
Date Data Arrived at EDR: 07/08/2020
Date Made Active in Reports: 09/25/2020
Number of Days to Update: 79

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
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: 07/01/2020
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/16/2020
Next Scheduled EDR Contact: 01/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/26/2020
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 77

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/25/2020
Next Scheduled EDR Contact: 12/14/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 73

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/16/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 05/14/2020
Date Data Arrived at EDR: 05/15/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 73

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 08/06/2020
Next Scheduled EDR Contact: 11/16/2020
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: 07/14/2020
Next Scheduled EDR Contact: 11/02/2020
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: 03/26/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/09/2020
Number of Days to Update: 77

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
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: 08/04/2020
Next Scheduled EDR Contact: 11/23/2020
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: 03/26/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/09/2020
Number of Days to Update: 77

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/20/2020
Next Scheduled EDR Contact: 11/02/2020
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: 05/26/2020
Date Data Arrived at EDR: 06/09/2020
Date Made Active in Reports: 08/20/2020
Number of Days to Update: 72

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/08/2020
Next Scheduled EDR Contact: 12/21/2020
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: 06/23/2020
Date Data Arrived at EDR: 06/29/2020
Date Made Active in Reports: 09/15/2020
Number of Days to Update: 78

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/23/2020
Next Scheduled EDR Contact: 01/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/17/2020
Number of Days to Update: 79

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 08/04/2020
Next Scheduled EDR Contact: 11/09/2020
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: 05/12/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2020
Next Scheduled EDR Contact: 11/23/2020
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: 07/09/2020
Next Scheduled EDR Contact: 10/19/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/31/2020
Next Scheduled EDR Contact: 11/09/2020
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: 07/09/2020
Next Scheduled EDR Contact: 10/26/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2020
Next Scheduled EDR Contact: 11/30/2020
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: 09/02/2020
Next Scheduled EDR Contact: 12/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

MILE SQUARE REGIONAL PARK MASTER PLAN
16801 EUCLID STREET
FOUNTAIN VALLEY, CA 92708

TARGET PROPERTY COORDINATES

Latitude (North):	33.724065 - 33° 43' 26.63''
Longitude (West):	117.942867 - 117° 56' 34.32''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	412644.3
UTM Y (Meters):	3731767.0
Elevation:	47 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640950 NEWPORT BEACH, CA
Version Date:	2012

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).

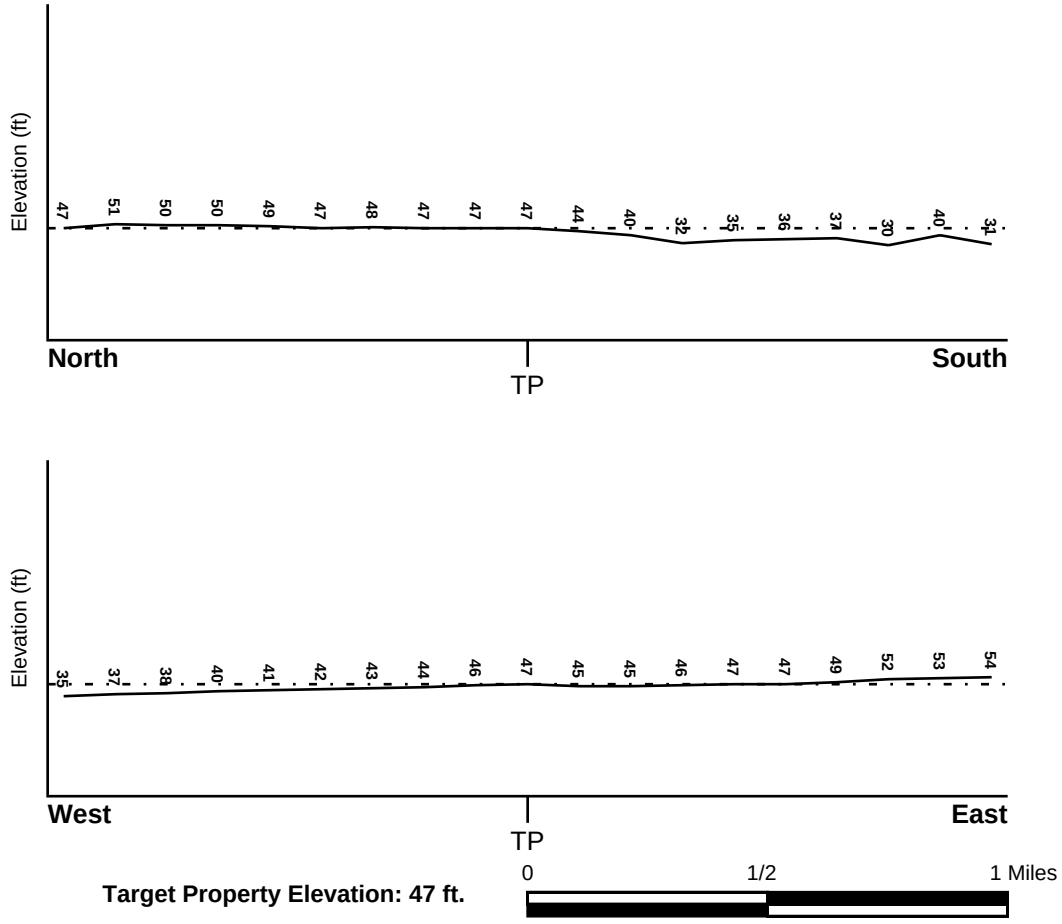
TOPOGRAPHIC INFORMATION

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: 47 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
06059C0252J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06059C0256J	FEMA FIRM Flood data
06059C0254J	FEMA FIRM Flood data
06059C0258J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
COSTA MESA	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
E12	1/2 - 1 Mile NNE	SE
E13	1/2 - 1 Mile NNE	SE
16	1/2 - 1 Mile SSW	Varies, S&SE
K31	1/2 - 1 Mile WNW	S
K32	1/2 - 1 Mile WNW	S
42	1/2 - 1 Mile SW	SW

* ©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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
46	1/2 - 1 Mile SW	SW
1G	1/2 - 1 Mile NNE	SE
2G	1/2 - 1 Mile NNE	SE
3G	1/2 - 1 Mile WNW	S
4G	1/2 - 1 Mile WNW	S
5G	1/2 - 1 Mile SSW	Varies, S&SE
6G	1/2 - 1 Mile SW	SW
7G	1/2 - 1 Mile SW	SW

For additional site information, refer to Physical Setting Source Map Findings.

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

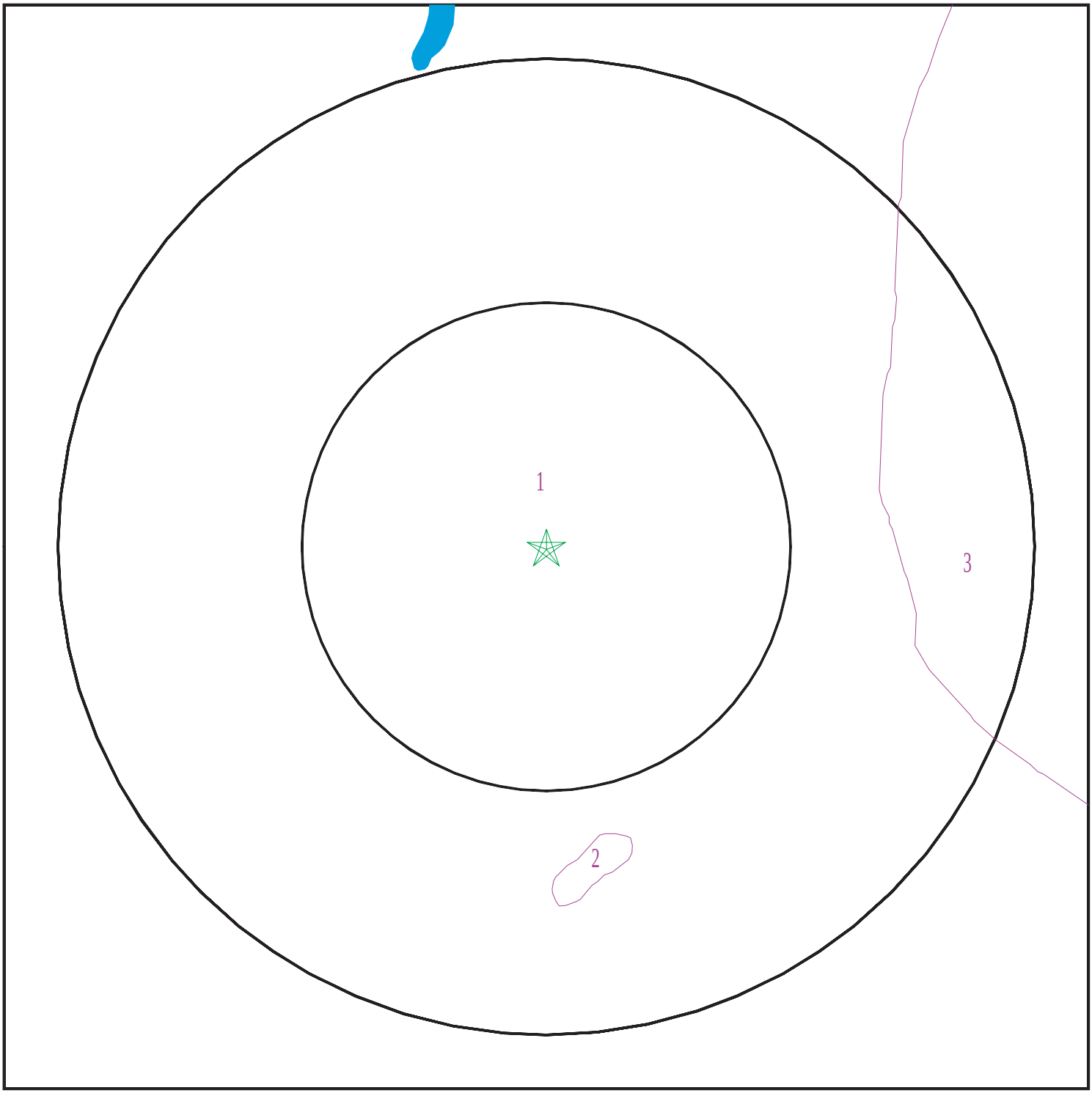
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

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 - 6212898.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Mile Square Regional Park Master Plan	CLIENT:	ICF International
ADDRESS:	16801 Euclid Street Fountain Valley CA 92708	CONTACT:	Mario Barrera
LAT/LONG:	33.724065 / 117.942867	INQUIRY #:	6212898.2s
		DATE:	October 02, 2020 9:15 am

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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: HUENEME

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Not reported	Not reported	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6
2	16 inches	40 inches	stratified sand to sandy clay loam	Not reported	Not reported	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6
3	40 inches	46 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6
4	46 inches	59 inches	stratified sandy clay loam	Not reported	Not reported	Max: 14.11 Min: 1	Max: 8.4 Min: 6.6

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 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
7	USGS40000137485	1/4 - 1/2 Mile NE
C9	USGS40000137370	1/4 - 1/2 Mile SE
14	USGS40000137291	1/2 - 1 Mile SSW
D15	USGS40000137323	1/2 - 1 Mile SSE
F17	USGS40000137263	1/2 - 1 Mile SSW
G18	USGS40000137384	1/2 - 1 Mile WSW
G19	USGS40000137395	1/2 - 1 Mile WSW
F21	USGS40000137251	1/2 - 1 Mile SSW
I23	USGS40000137305	1/2 - 1 Mile SW
24	USGS40000137250	1/2 - 1 Mile SSE
H25	USGS40000137271	1/2 - 1 Mile SW
41	USGS40000137221	1/2 - 1 Mile SSE
44	USGS40000137199	1/2 - 1 Mile SSW
45	USGS40000137479	1/2 - 1 Mile ENE
48	USGS40000137203	1/2 - 1 Mile SSW
50	USGS40000137343	1/2 - 1 Mile ESE
51	USGS40000137258	1/2 - 1 Mile SE
52	USGS40000137280	1/2 - 1 Mile SE

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	CADWR8000005166	0 - 1/8 Mile SE
A2	CADWR8000005167	0 - 1/8 Mile SE
A3	CADWR8000005168	0 - 1/8 Mile SE
4	CADWR8000005173	1/4 - 1/2 Mile ENE
B5	CADWR8000005175	1/4 - 1/2 Mile NE
B6	CADWR8000005174	1/4 - 1/2 Mile NE
C8	CADWR8000005143	1/4 - 1/2 Mile SE
10	CADWR8000005206	1/4 - 1/2 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

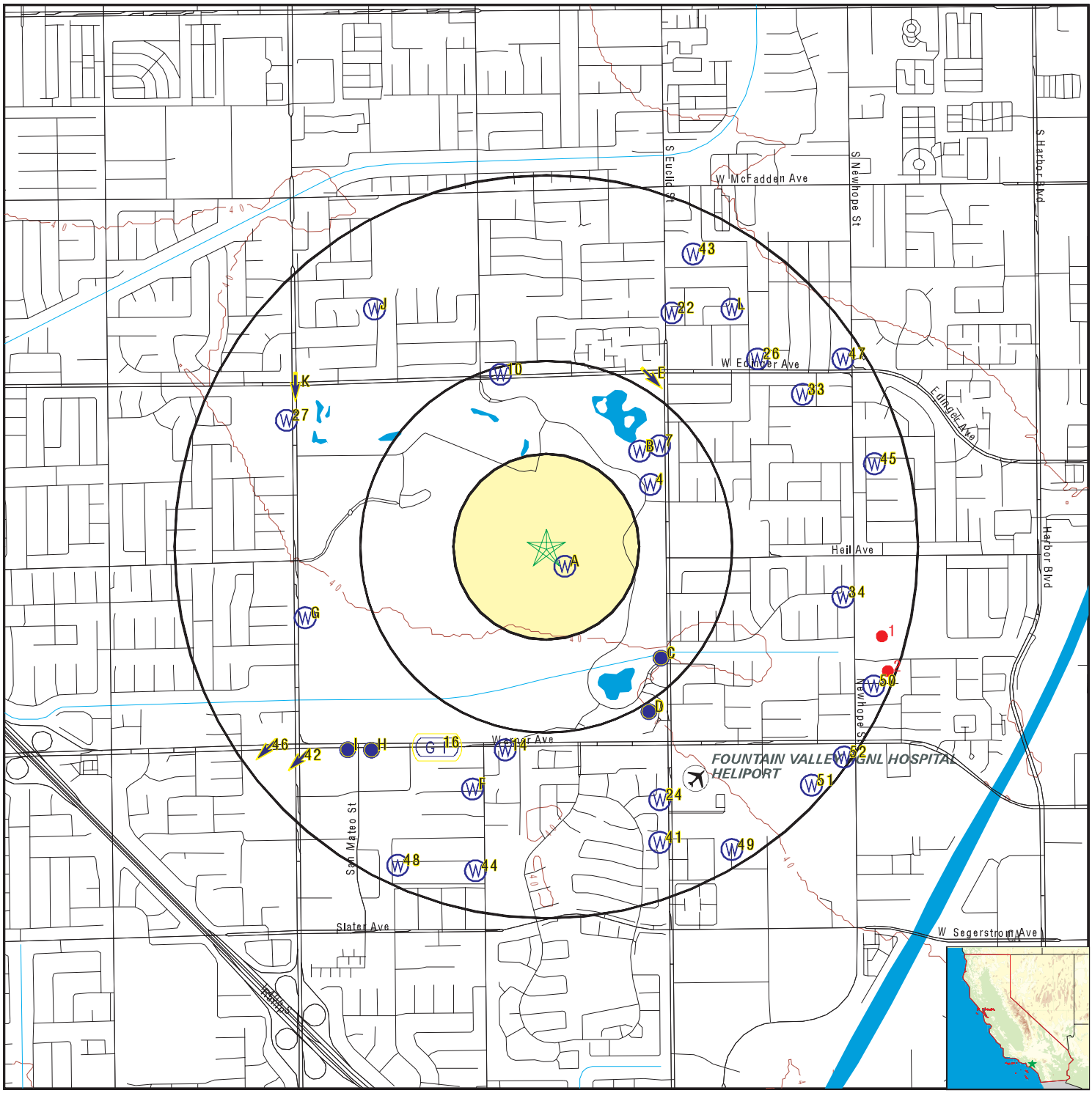
MAP ID	WELL ID	LOCATION FROM TP
D11	6257	1/4 - 1/2 Mile SSE
H20	6281	1/2 - 1 Mile SW
22	CADWR8000005227	1/2 - 1 Mile NNE
26	CADWR8000005215	1/2 - 1 Mile NE
27	CADWR8000005182	1/2 - 1 Mile WNW
I28	CADWR8000005118	1/2 - 1 Mile SW
J29	6253	1/2 - 1 Mile NW
J30	6254	1/2 - 1 Mile NW
33	6248	1/2 - 1 Mile ENE
34	CADWR8000005158	1/2 - 1 Mile East
L35	6249	1/2 - 1 Mile NE
L36	6247	1/2 - 1 Mile NE
L37	6246	1/2 - 1 Mile NE
L38	6255	1/2 - 1 Mile NE
L39	6252	1/2 - 1 Mile NE
L40	6250	1/2 - 1 Mile NE
43	CADWR8000005242	1/2 - 1 Mile NNE
47	CADWR8000005214	1/2 - 1 Mile ENE
49	6280	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000006282	1/2 - 1 Mile ESE
2	CAOG13000006263	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 6212898.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Mile Square Regional Park Master Plan	CLIENT:	ICF International
ADDRESS:	16801 Euclid Street Fountain Valley CA 92708	CONTACT:	Mario Barrera
		INQUIRY #:	6212898.2s
LAT/LONG:	33.724065 / 117.942867	DATE:	October 02, 2020 9:15 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SE
0 - 1/8 Mile
Lower

CA WELLS **CADWR8000005166**

State Well #:	Not Reported	Station ID:	47309
Well Name:	FVM-1/MP17	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	1884	Basin Name:	Coastal Plain Of Orange County
Well Completion Rpt #:	255916		

A2
SE
0 - 1/8 Mile
Lower

CA WELLS **CADWR8000005167**

State Well #:	05S10W20H004S	Station ID:	47310
Well Name:	FVM-1/MP2	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	1884	Basin Name:	Coastal Plain Of Orange County
Well Completion Rpt #:	255916		

A3
SE
0 - 1/8 Mile
Lower

CA WELLS **CADWR8000005168**

State Well #:	Not Reported	Station ID:	47311
Well Name:	FVM-1/MP9	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	1884	Basin Name:	Coastal Plain Of Orange County
Well Completion Rpt #:	255916		

4
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000005173**

State Well #:	05S10W20H003S	Station ID:	5136
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

B5
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000005175**

State Well #:	05S10W20A007S	Station ID:	28596
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0

Basin Name:	Coastal Plain Of Orange County
Well Completion Rpt #:	Not Reported

B6
NE **CA WELLS** **CADWR8000005174**
1/4 - 1/2 Mile
Higher

State Well #:	05S10W20A008S	Station ID:	25315
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

7
NE **FED USGS** **USGS40000137485**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W20A009S	Type:	Well
Description:	NAWQA DATA ENTRY COM + VER 07/05/2000 SNHAMLIN		
HUC:	18070203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19991208	Well Depth:	19
Well Depth Units:	ft	Well Hole Depth:	19
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-06-20
Feet below surface:	4.55	Feet to sea level:	Not Reported
Note:	Not Reported		

C8
SE **CA WELLS** **CADWR8000005143**
1/4 - 1/2 Mile
Lower

State Well #:	05S10W21M002S	Station ID:	39224
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

C9
SE **FED USGS** **USGS40000137370**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W21M002S	Type:	Well

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	65	Level reading date:	1986-08-19
Feet below surface:	21.89	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1986-05-02	Feet below surface:	17.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-03-03	Feet below surface:	17.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-11-04	Feet below surface:	20.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-08-16	Feet below surface:	20.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-14	Feet below surface:	14.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-02-15	Feet below surface:	14.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-10-31	Feet below surface:	19.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-08-14	Feet below surface:	19.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-05-15	Feet below surface:	15.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-02-08	Feet below surface:	12.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-07	Feet below surface:	16.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-08-10	Feet below surface:	22.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-05-12	Feet below surface:	17.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-02-10	Feet below surface:	18.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-02	Feet below surface:	22.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-08-06	Feet below surface:	24.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-05-06	Feet below surface:	20.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-01-26	Feet below surface:	20.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-11-06	Feet below surface:	23.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-07-31	Feet below surface:	24.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-13	Feet below surface:	20.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-02-05	Feet below surface:	21.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-10-30	Feet below surface:	25.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-08-25	Feet below surface:	26.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-06-16	Feet below surface:	26.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-02-07	Feet below surface:	25.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-08	Feet below surface:	27.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-08-02	Feet below surface:	32.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-04-30	Feet below surface:	28.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-02-01	Feet below surface:	28.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-26	Feet below surface:	36.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-10-16	Feet below surface:	35.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10-29	Feet below surface:	44.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-10-25	Feet below surface:	44.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-15	Feet below surface:	32.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-12	Feet below surface:	42.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-04	Feet below surface:	44.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1975-08-27	Feet below surface:	44.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-08	Feet below surface:	41.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-05	Feet below surface:	38.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-14	Feet below surface:	36.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-09	Feet below surface:	36.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-23	Feet below surface:	42.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-06	Feet below surface:	43.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-09	Feet below surface:	42.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-06	Feet below surface:	38.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-21	Feet below surface:	34.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-31	Feet below surface:	34.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-05	Feet below surface:	40.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-13	Feet below surface:	39.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-07-10	Feet below surface:	40.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-11	Feet below surface:	38.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-03-13	Feet below surface:	31.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-01-11	Feet below surface:	35.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-06	Feet below surface:	36.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-09-08	Feet below surface:	37.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-07-12	Feet below surface:	36.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-05-05	Feet below surface:	33.29
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1972-03-03	Feet below surface:	29.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	39.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-11-08	Feet below surface:	29.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-09-01	Feet below surface:	28.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-07-16	Feet below surface:	30.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-06-17	Feet below surface:	27.79
Feet to sea level:	Not Reported	Note:	Not Reported

10
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000005206**

State Well #:	05S10W17Q001S	Station ID:	28595
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

D11
SSE
1/4 - 1/2 Mile
Lower

CA WELLS **6257**

Seq:	6257	Prim sta c:	05S/10W-20R10 S
Frds no:	3000765001	County:	30
District:	08	User id:	TEE
System no:	3000765	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334305.0	Longitude:	1175615.0
Precision:	3	Status:	DS
Comment 1:	16841 GREEN ST HUNTINGTON BEACH	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:	3000765	System nam:	Green St Water Association
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
E12 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001936T SE 6 9 Not Reported 10/21/1993	**AQUIFLOW**	**68303**

			Database	EDR ID Number
E13 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001936T SE 6 9 Not Reported 10/21/1993	**AQUIFLOW**	**68304**

14
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137291**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29B003S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

D15
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000137323**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W20R002S	Type:	Well
Description:	NAWQA DATA ENTRY COM + VER 9-25-2000 SNHAMLIN		
HUC:	18070203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19991208	Well Depth:	19
Well Depth Units:	ft	Well Hole Depth:	19
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-07-18
Feet below surface:	7.48	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

16
SSW
1/2 - 1 Mile
Lower

AQUIFLOW **55033**

Site ID:	083001856T
Groundwater Flow:	Varies, S&SE
Shallow Water Depth:	6.42
Deep Water Depth:	7.55
Average Water Depth:	Not Reported
Date:	02/17/1993

F17
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137263**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29C001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

G18
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137384**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W20M001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Alluvium	Aquifer Type:	Confined single aquifer
Construction Date:	19871210	Well Depth:	960
Well Depth Units:	ft	Well Hole Depth:	1027
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	2004-06-02
Feet below surface:	60.75	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1999-05-03	Feet below surface:	52
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G19
WSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137395**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W20E001S	Type:	Well
Description:	NAWQA DATA ENTRY COM.+ VER. 9-25-2000 SNHAMLIN		
HUC:	18070203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19991107	Well Depth:	20
Well Depth Units:	ft	Well Hole Depth:	20
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-08-01
Feet below surface:	8.68	Feet to sea level:	Not Reported
Note:	Not Reported		

H20
SW
1/2 - 1 Mile
Lower

CA WELLS **6281**

Seq:	6281	Prim sta c:	05S/10W-29F06 S
Frds no:	3010069004	County:	30
District:	08	User id:	TEE
System no:	3010069	Water type:	G
Source nam:	WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334300.0	Longitude:	1175700.0
Precision:	3	Status:	AU
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:	3010069	System nam:	City Of Fountain Valley
Hqname:	Not Reported	Address:	18420 WARD STREET
City:	FOUNTAIN VALLEY	State:	Not Reported
Zip:	92708	Zip ext:	Not Reported
Pop serv:	53690	Connection:	16804
Area serve:	FOUNTAIN VALLEY		

F21
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137251**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29C003S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

22
NNE **CA WELLS** **CADWR8000005227**
1/2 - 1 Mile
Higher

State Well #:	05S10W16N001S	Station ID:	5133
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

I23
SW **FED USGS** **USGS40000137305**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W20N001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

24
SSE **FED USGS** **USGS40000137250**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29A003S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H25
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137271**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29D001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1971-10-13
Feet below surface:	26.64	Feet to sea level:	Not Reported
Note:	Not Reported		

26
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000005215**

State Well #:	05S10W16R001S	Station ID:	37818
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

27
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005182**

State Well #:	05S10W19A005S	Station ID:	5135
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

I28
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005118**

State Well #:	05S10W29D001S	Station ID:	5153
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J29
NW
1/2 - 1 Mile
Lower

CA WELLS **6253**

Seq:	6253	Prim sta c:	05S/10W-18G01 S
Frds no:	3010064005	County:	30
District:	08	User id:	TEE
System no:	3010064	Water type:	G
Source nam:	WELL 004	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334400.0	Longitude:	1175700.0
Precision:	5	Status:	AU
Comment 1:	200’ E/O SWALLOW LANE; 200’ N/O MCFADDEN AVE IN MCFADDEN PARK		
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:	3010064	System nam:	City Of Westminster
Hqname:	Not Reported	Address:	8200 Westminster Boulevard
City:	Westminster	State:	CA
Zip:	92683	Zip ext:	Not Reported
Pop serv:	82536	Connection:	19572
Area serve:	WESTMINISTER		
Sample date:	18-JAN-18	Finding:	1.53
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-18	Finding:	1.53
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	202.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.38
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	226.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	70.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	11.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	19-APR-17	Finding:	32.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	68.6
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-17	Finding:	356.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.38
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	166.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	578.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	599.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	168.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	205.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	1.44
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-17	Finding:	237.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	74.2
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	08-MAR-17	Finding:	12.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	34.4
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	2.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	35.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	75.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-MAR-17	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-MAR-17	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAR-17	Finding:	392.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAR-17	Finding:	1.44
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	368.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	1.43
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	609.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	169.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	206.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	31-JAN-17	Finding:	1.43
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-JAN-17	Finding:	244.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	76.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	35.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	2.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	33.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-JAN-17	Finding:	73.5
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-JAN-17	Finding:	0.48
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-JAN-17	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-16	Finding:	1.13
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JAN-16	Finding:	1.13
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JAN-15	Finding:	1080.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JAN-15	Finding:	4.78
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-AUG-14	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-JAN-14	Finding:	172.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	28-JAN-14	Finding:	172.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	214.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	66.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	11.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	27.8
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	61.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-JAN-14	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-JAN-14	Finding:	326.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	1220.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JAN-14	Finding:	4.47
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-JAN-14	Finding:	1.72
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	0.507
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	28-JAN-14	Finding:	4.38
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-JAN-14	Finding:	1.18
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	3.4e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	28-JAN-14	Finding:	0.219
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	28-JAN-14	Finding:	538.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-JAN-13	Finding:	1170.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-13	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-APR-12	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-MAR-12	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-12	Finding:	1140.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr: 0.4

J30
NW
1/2 - 1 Mile
Lower

CA WELLS **6254**

Seq:	6254	Prim sta c:	05S/10W-19A05 S
Frds no:	3010069005	County:	30
District:	08	User id:	TEE
System no:	3010069	Water type:	G
Source nam:	WELL 05 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175700.0
Precision:	8	Status:	IU
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:	3010069	System nam:	City Of Fountain Valley
Hqname:	Not Reported	Address:	18420 WARD STREET
City:	FOUNTAIN VALLEY	State:	Not Reported
Zip:	92708	Zip ext:	Not Reported
Pop serv:	53690	Connection:	16804
Area serve:	FOUNTAIN VALLEY		

K31
WNW
1/2 - 1 Mile
Lower

AQUIFLOW **38858**

Site ID:	083001751T
Groundwater Flow:	S
Shallow Water Depth:	6.88
Deep Water Depth:	10.14
Average Water Depth:	Not Reported
Date:	10/22/1997

K32
WNW
1/2 - 1 Mile
Lower

AQUIFLOW **38859**

Site ID:	083001751T
Groundwater Flow:	S
Shallow Water Depth:	6.88
Deep Water Depth:	10.14
Average Water Depth:	Not Reported
Date:	10/22/1997

33
ENE
1/2 - 1 Mile
Higher

CA WELLS **6248**

Seq:	6248	Prim sta c:	05S/10W-16M03 S
Frds no:	3000681001	County:	30
District:	08	User id:	TEE
System no:	3000681	Water type:	G
Source nam:	BECKMAN WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334348.0	Longitude:	1175548.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	5002 W. MC FADDEN, SANTA ANA
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3000681	System nam:	Bit-O-Home Trailer Park

Hqname:	Not Reported	Address:	38201 CHERRY VALLEY BLVD.
City:	CHERRY VALLEY	State:	CA
Zip:	92223	Zip ext:	Not Reported
Pop serv:	110	Connection:	79
Area serve:	Not Reported		

34
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000005158**

State Well #:	05S10W21L003S	Station ID:	28598
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

L35
NE
1/2 - 1 Mile
Higher

CA WELLS **6249**

Seq:	6249	Prim sta c:	05S/10W-16N01 S
Frds no:	3010038020	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 19 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		

L36
NE
1/2 - 1 Mile
Higher

CA WELLS **6247**

Seq:	6247	Prim sta c:	05S/10W-16M02 S
Frds no:	3010062030	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 071 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

Sample date:	31-JAN-18	Finding:	1.34
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	31-JAN-18	Finding:	1.34
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-APR-16	Finding:	602.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	27-APR-16	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	27-APR-16	Finding:	172.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	172.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-APR-16	Finding:	229.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	72.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	12.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	37.7
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	38.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	27-APR-16	Finding:	73.4
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	27-APR-16	Finding:	4.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-APR-16	Finding:	364.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	0.1
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-APR-16	Finding:	601.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-APR-16	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-APR-16	Finding:	174.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	174.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	1.33
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-APR-16	Finding:	231.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	72.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	12.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	37.9
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	38.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	73.5
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	27-APR-16	Finding:	4.1
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-APR-16	Finding:	360.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	0.1
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-APR-16	Finding:	1.33
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	1.36
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	404.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	0.12
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	172.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	214.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	67.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	11.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	36.9
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	06-JAN-16	Finding:	3.2
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	39.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	73.8
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	0.48
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	06-JAN-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	4.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

L37
NE
1/2 - 1 Mile
Higher

CA WELLS 6246

Seq:	6246	Prim sta c:	05S/10W-16L01 S
Frds no:	3010062037	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 105 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

L38
NE
1/2 - 1 Mile
Higher

CA WELLS 6255

Seq:	6255	Prim sta c:	05S/10W-20A07 S
Frds no:	3010069007	County:	30
District:	08	User id:	TEE
System no:	3010069	Water type:	G
Source nam:	WELL 07	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	5	Status:	AU

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:	3010069	System nam:	City Of Fountain Valley
Hqname:	Not Reported	Address:	18420 WARD STREET
City:	FOUNTAIN VALLEY	State:	Not Reported
Zip:	92708	Zip ext:	Not Reported
Pop serv:	53690	Connection:	16804
Area serve:	FOUNTAIN VALLEY		

L39
NE
1/2 - 1 Mile
Higher

CA WELLS 6252

Seq:	6252	Prim sta c:	05S/10W-17Q01 S
Frds no:	3010069002	County:	30
District:	08	User id:	TEE
System no:	3010069	Water type:	G
Source nam:	WELL 02 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010069	System nam:	City Of Fountain Valley
Hqname:	Not Reported	Address:	18420 WARD STREET
City:	FOUNTAIN VALLEY	State:	Not Reported
Zip:	92708	Zip ext:	Not Reported
Pop serv:	53690	Connection:	16804
Area serve:	FOUNTAIN VALLEY		

L40
NE
1/2 - 1 Mile
Higher

CA WELLS 6250

Seq:	6250	Prim sta c:	05S/10W-16P01 S
Frds no:	3010062033	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 084 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334400.0	Longitude:	1175600.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

41
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000137221**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29H001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

42
SW
1/2 - 1 Mile
Lower

AQUIFLOW **54960**

Site ID:	083001084T
Groundwater Flow:	SW
Shallow Water Depth:	8.92
Deep Water Depth:	11.52
Average Water Depth:	Not Reported
Date:	04/06/1992

43
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000005242**

State Well #:	05S10W16M000S	Station ID:	25313
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

44
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137199**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29F005S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

45
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000137479**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W21B003S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19771019	Well Depth:	590
Well Depth Units:	ft	Well Hole Depth:	610
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1977-12-09
Feet below surface:	84	Feet to sea level:	Not Reported
Note:	Not Reported		

46
SW
1/2 - 1 Mile
Lower

AQUIFLOW **64537**

Site ID:	083000316T
Groundwater Flow:	SW
Shallow Water Depth:	17
Deep Water Depth:	80
Average Water Depth:	Not Reported
Date:	02/10/1999

47
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000005214**

State Well #:	05S10W16P001S	Station ID:	25314
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Coastal Plain Of Orange County		
Well Completion Rpt #:	Not Reported		

48
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137203**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W29F009S	Type:	Well
Description:	NAWQA DATA ENTRY COM + VER 07/05/2000 SNHAMLIN		
HUC:	18070203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19991105	Well Depth:	24
Well Depth Units:	ft	Well Hole Depth:	24
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-06-20
Feet below surface:	9.08	Feet to sea level:	Not Reported
Note:	Not Reported		

49
SSE **CA WELLS** **6280**
1/2 - 1 Mile
Lower

Seq:	6280	Prim sta c:	05S/10W-28F02 S
Frds no:	3000780001	County:	30
District:	08	User id:	TEE
System no:	3000780	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334244.0	Longitude:	1175600.0
Precision:	3	Status:	DS
Comment 1:	17300 MOUNT HERRMANN STREET FOUNTAIN VALLEY		
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:	3000780	System nam:	Orange Coast Yellow Cab Co Water Supply
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

50
ESE **FED USGS** **USGS40000137343**
1/2 - 1 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W21Q001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

51
SE **FED USGS** **USGS40000137258**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W28C009S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

Construction Date:	19870930	Well Depth:	990
Well Depth Units:	ft	Well Hole Depth:	1100
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1987-12-29
Feet below surface:	74	Feet to sea level:	Not Reported
Note:	Not Reported		

52
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000137280**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W28C003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

1G
NNE
1/2 - 1 Mile
Lower

AQUIFLOW **68303**

Site ID:	083001936T
Groundwater Flow:	SE
Shallow Water Depth:	6
Deep Water Depth:	9
Average Water Depth:	Not Reported
Date:	10/21/1993

2G
NNE
1/2 - 1 Mile
Lower

AQUIFLOW **68304**

Site ID:	083001936T
Groundwater Flow:	SE
Shallow Water Depth:	6
Deep Water Depth:	9
Average Water Depth:	Not Reported
Date:	10/21/1993

3G
WNW
1/2 - 1 Mile
Lower

AQUIFLOW **38858**

Site ID:	083001751T
Groundwater Flow:	S
Shallow Water Depth:	6.88
Deep Water Depth:	10.14
Average Water Depth:	Not Reported
Date:	10/22/1997

4G
WNW
1/2 - 1 Mile
Lower

AQUIFLOW **38859**

Site ID:	083001751T
Groundwater Flow:	S
Shallow Water Depth:	6.88
Deep Water Depth:	10.14
Average Water Depth:	Not Reported
Date:	10/22/1997

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
5G **SSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001856T Varies, S&SE 6.42 7.55 Not Reported 02/17/1993	**AQUIFLOW**	**55033**
6G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000316T SW 17 80 Not Reported 02/10/1999	**AQUIFLOW**	**64537**
7G **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001084T SW 8.92 11.52 Not Reported 04/06/1992	**AQUIFLOW**	**54960**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
ESE **OIL_GAS** **CAOG13000006282**
1/2 - 1 Mile

API #:	0405901278	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	J. K. Wadley	Lease Name:	Martin
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

2
ESE **OIL_GAS** **CAOG13000006263**
1/2 - 1 Mile

API #:	0405901258	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Martin
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92708	56	0

Federal EPA Radon Zone for ORANGE County: 3

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 ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

Aerial Photographs

Mile Square Regional Park Master Plan

16801 Euclid Street

Fountain Valley, CA 92708

Inquiry Number: 6212898.8

October 02, 2020

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

10/02/20

Site Name:

Mile Square Regional Park Ma:
16801 Euclid Street
Fountain Valley, CA 92708
EDR Inquiry # 6212898.8

Client Name:

ICF International
1 Ada Suite 100
Irvine, CA 92618
Contact: Mario Barrera

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
2016	1"=750'	Flight Year: 2016	USDA/NAIP
2012	1"=750'	Flight Year: 2012	USDA/NAIP
2009	1"=750'	Flight Year: 2009	USDA/NAIP
2005	1"=750'	Flight Year: 2005	USDA/NAIP
1994	1"=750'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=750'	Flight Date: September 06, 1990	USDA
1987	1"=750'	Flight Date: March 29, 1987	USDA
1977	1"=750'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=750'	Flight Date: October 30, 1972	USGS
1963	1"=750'	Flight Date: February 28, 1963	USGS
1953	1"=750'	Flight Date: June 02, 1953	USDA
1947	1"=750'	Flight Date: July 01, 1947	FAIR
1938	1"=750'	Flight Date: June 21, 1938	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

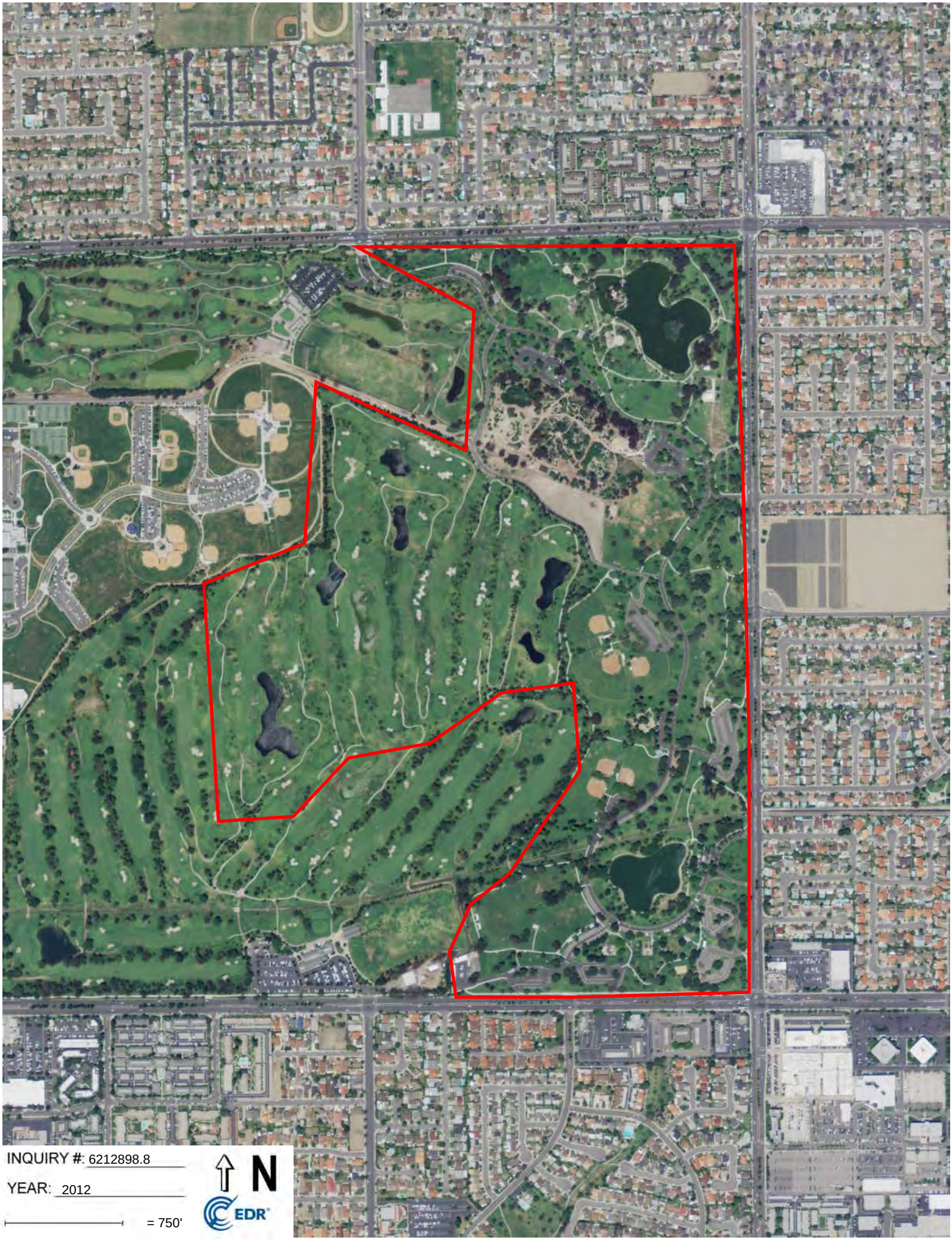
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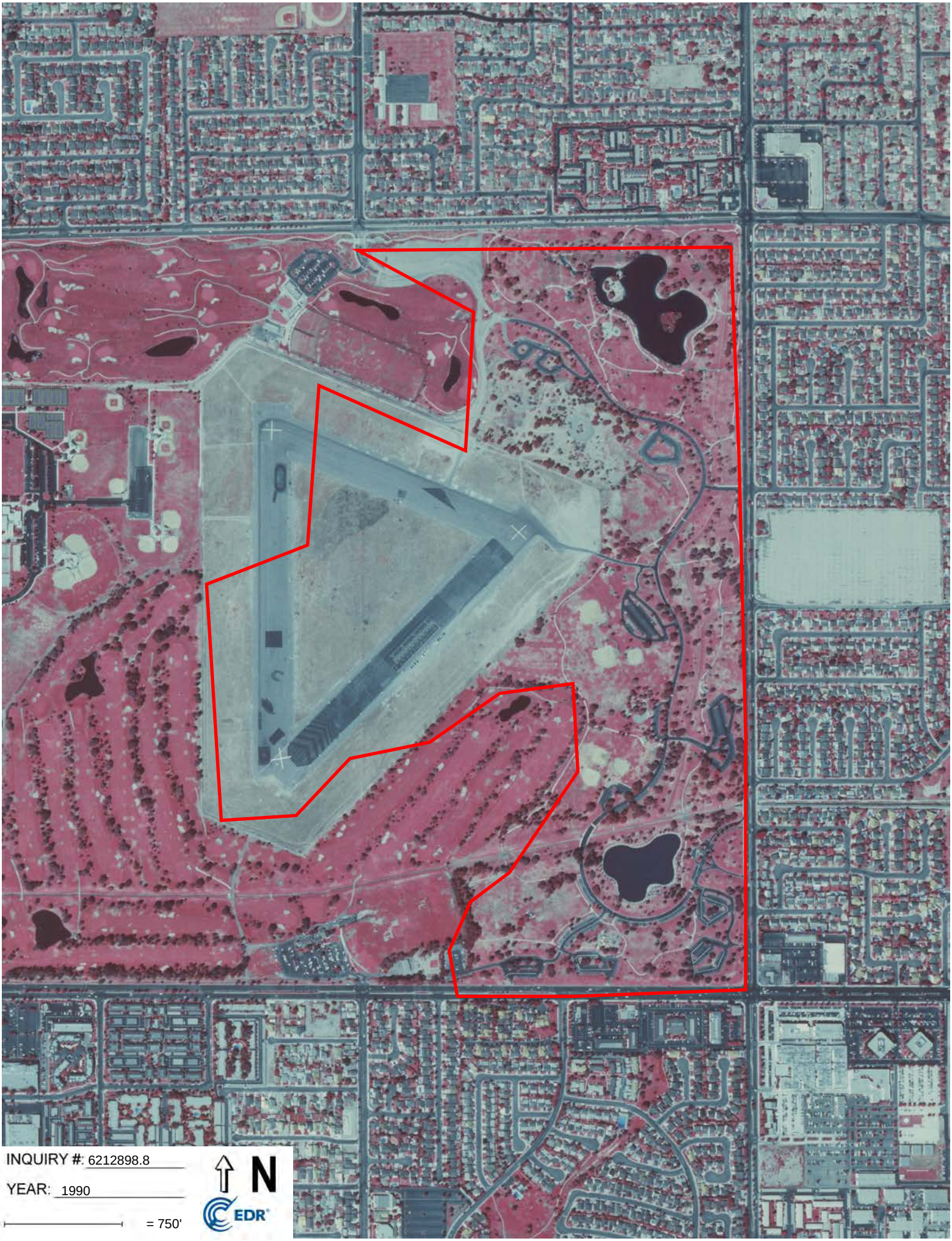

INQUIRY #: 6212898.8
YEAR: 2016
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 2012
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 2009
= 750'
N
EDR

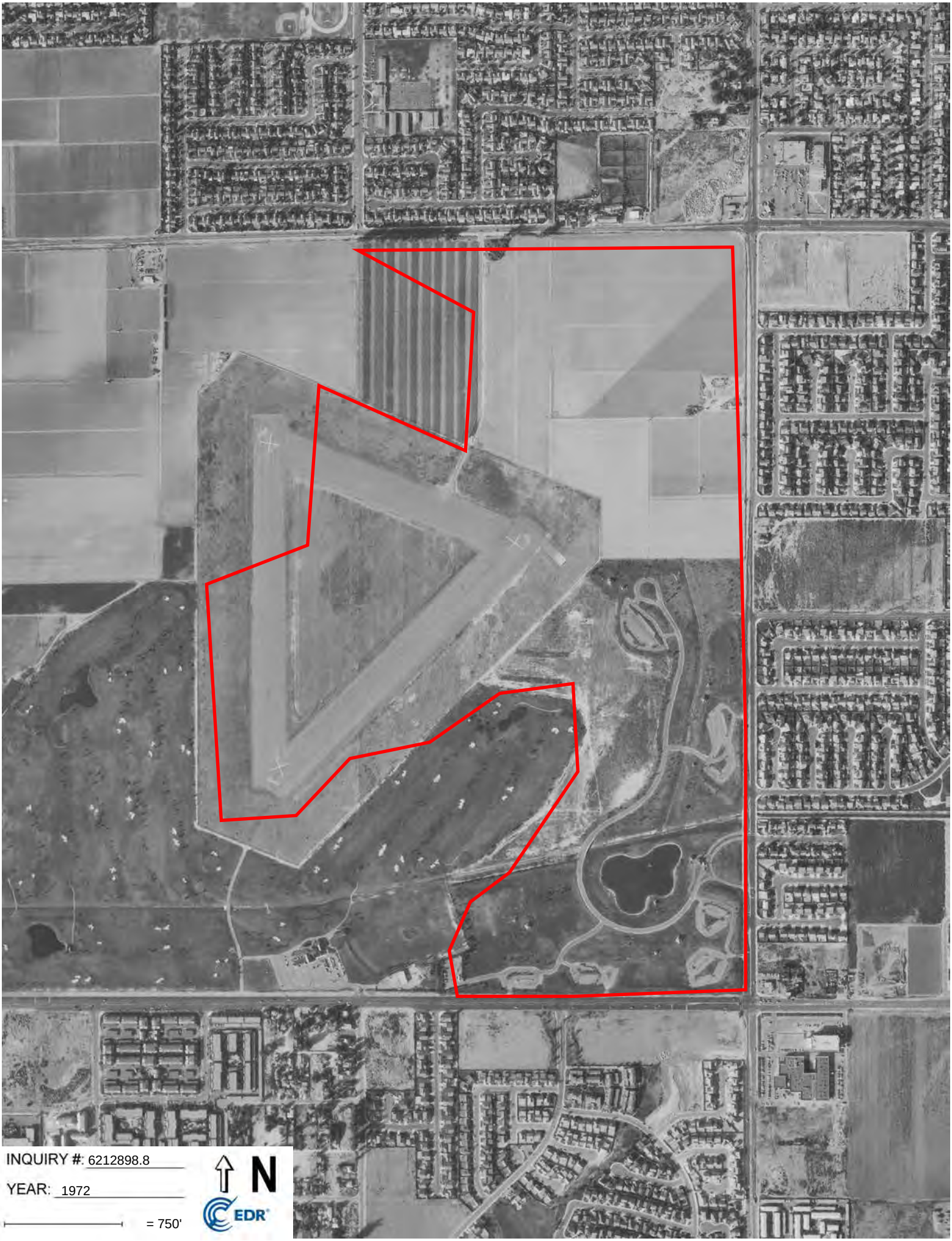

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= 750'
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EDR


INQUIRY #: 6212898.8
YEAR: 1994
= 750'
N
EDR

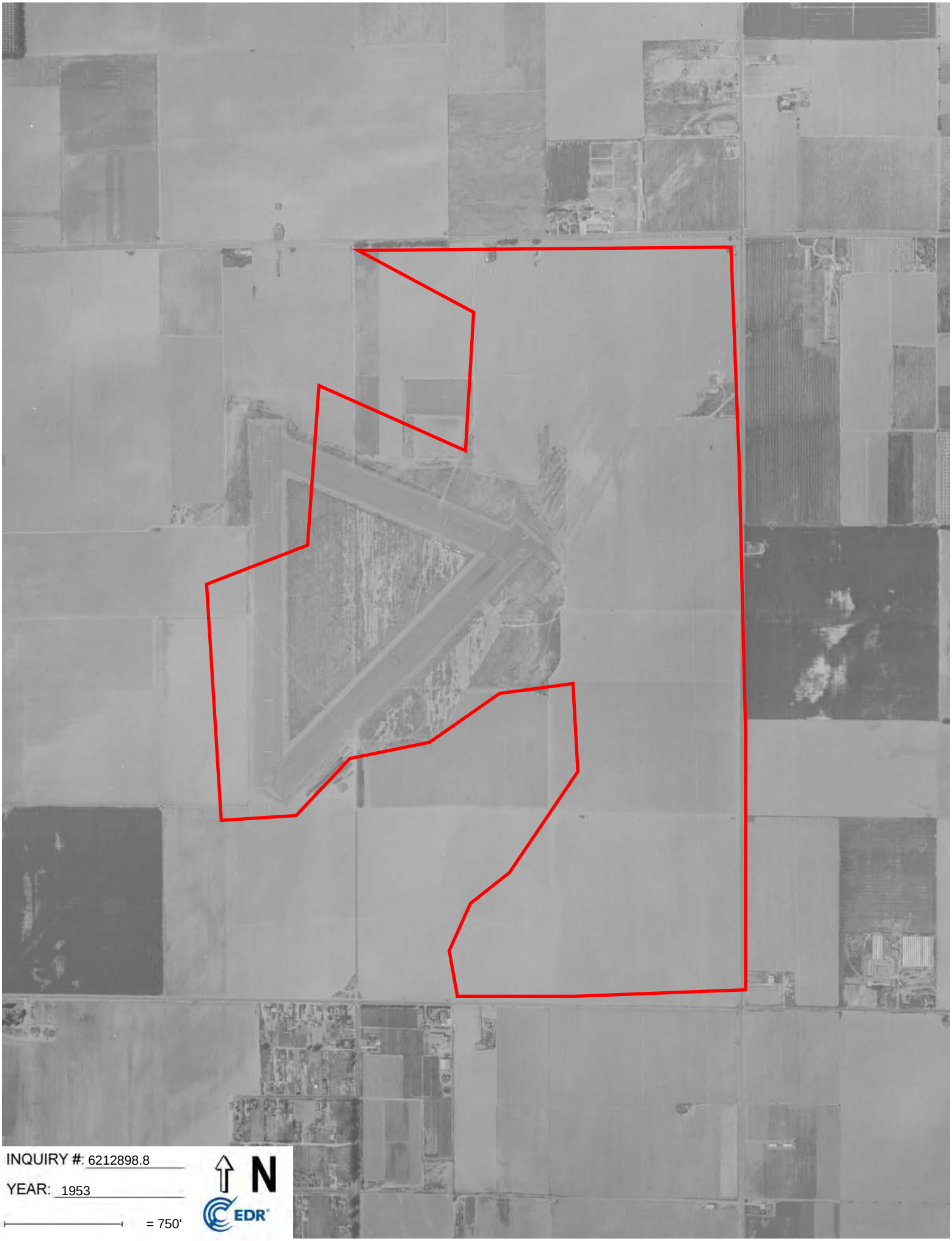

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YEAR: 1990
= 750'
N
EDR

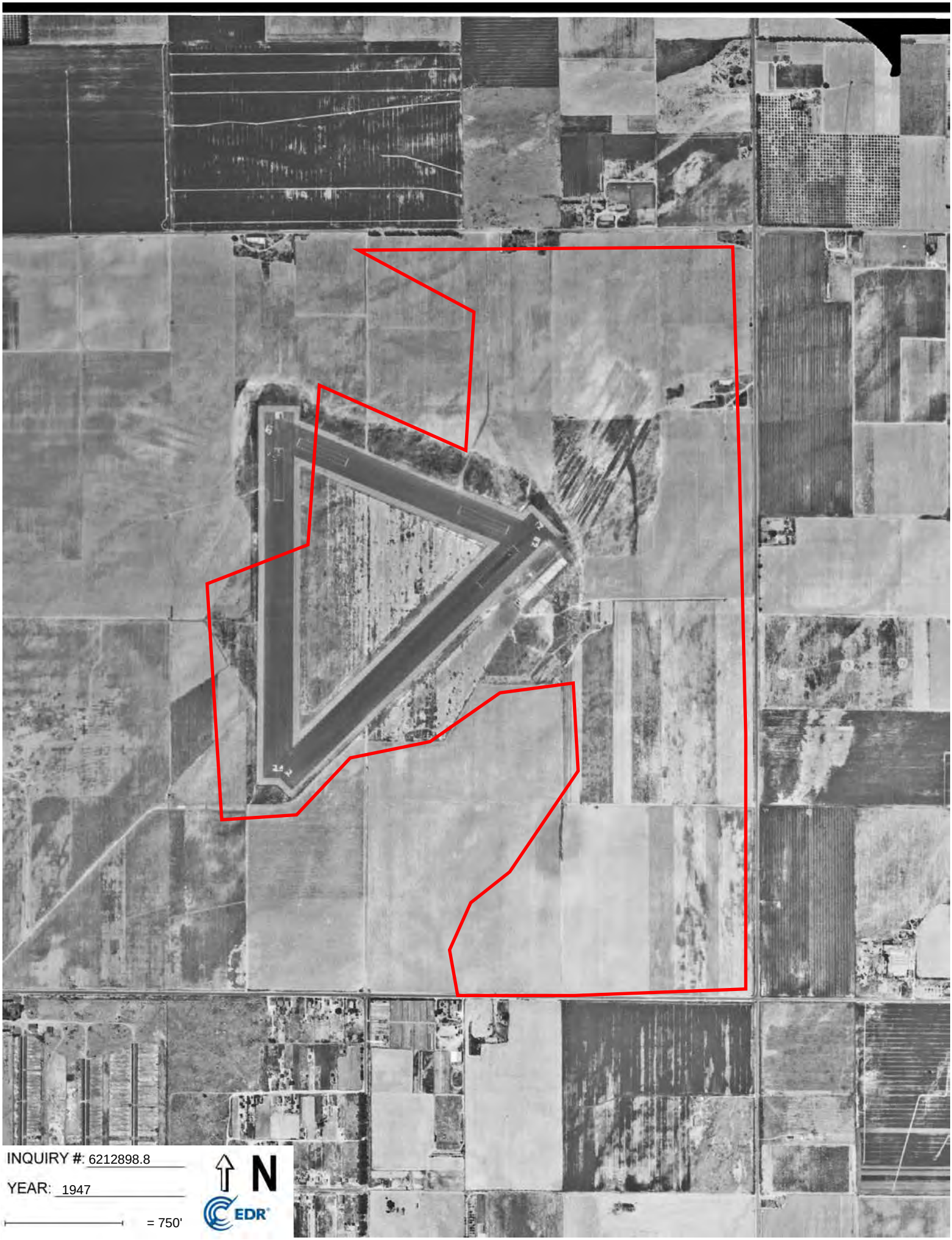

INQUIRY #: 6212898.8
YEAR: 1987
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 1977
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 1972
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 1963
= 750'
N
EDR


INQUIRY #: 6212898.8
YEAR: 1953
= 750'
N
EDR



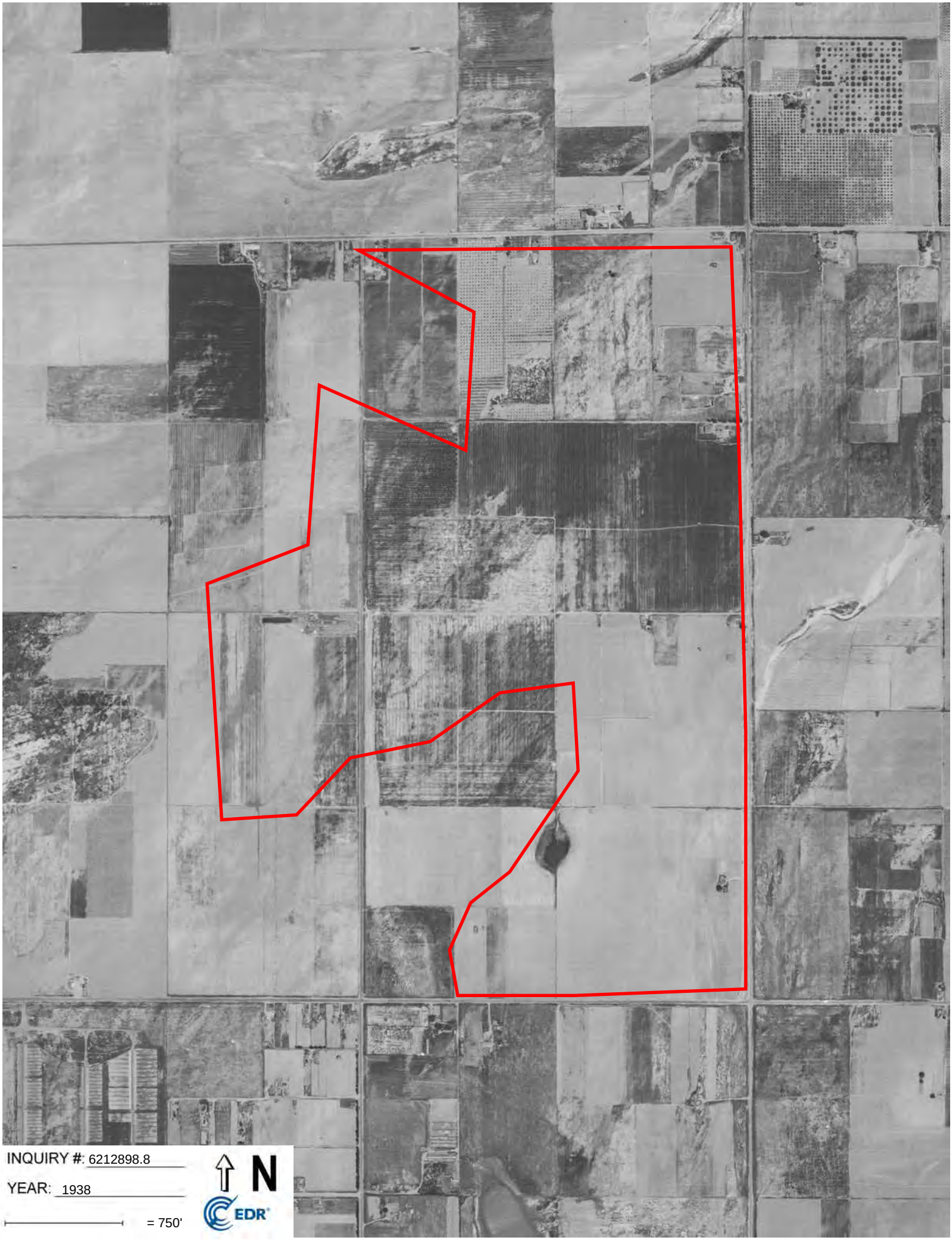
INQUIRY #: 6212898.8

YEAR: 1947

= 750'

N

EDR


INQUIRY #: 6212898.8
YEAR: 1938
= 750'
N
EDR

Appendix D

Topographic Maps

Mile Square Regional Park Master Plan
16801 Euclid Street
Fountain Valley, CA 92708

Inquiry Number: 6212898.4
October 01, 2020

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

10/01/20

Site Name:	Client Name:
Mile Square Regional Park Ma	ICF International
16801 Euclid Street	1 Ada Suite 100
Fountain Valley, CA 92708	Irvine, CA 92618
EDR Inquiry # 6212898.4	Contact: Mario Barrera

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ICF International were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA

Project: Mile Square RP Master Plan

Coordinates:

Latitude:	33.724065 33° 43' 27" North
Longitude:	-117.942867 -117° 56' 34" West
UTM Zone:	Zone 11 North
UTM X Meters:	412646.22
UTM Y Meters:	3731960.61
Elevation:	47.00' above sea level

Maps Provided:

2012	1932
1981	1902
1972	1901
1965	1896
1951	
1949	
1942	
1935	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Newport Beach
2012
7.5-minute, 24000

1981 Source Sheets



Newport Beach
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Newport Beach
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1965 Source Sheets



Newport Beach
1965
7.5-minute, 24000
Aerial Photo Revised 1963

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1951 Source Sheets



Newport Beach
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1949 Source Sheets



Newport Beach
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1942 Source Sheets



SANTA ANA
1942
15-minute, 50000

1935 Source Sheets



Newport Beach
1935
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1932 Source Sheets



Newport Beach
1932
7.5-minute, 31680

1902 Source Sheets



Corona
1902
30-minute, 125000

1901 Source Sheets



Santa Ana
1901
15-minute, 62500

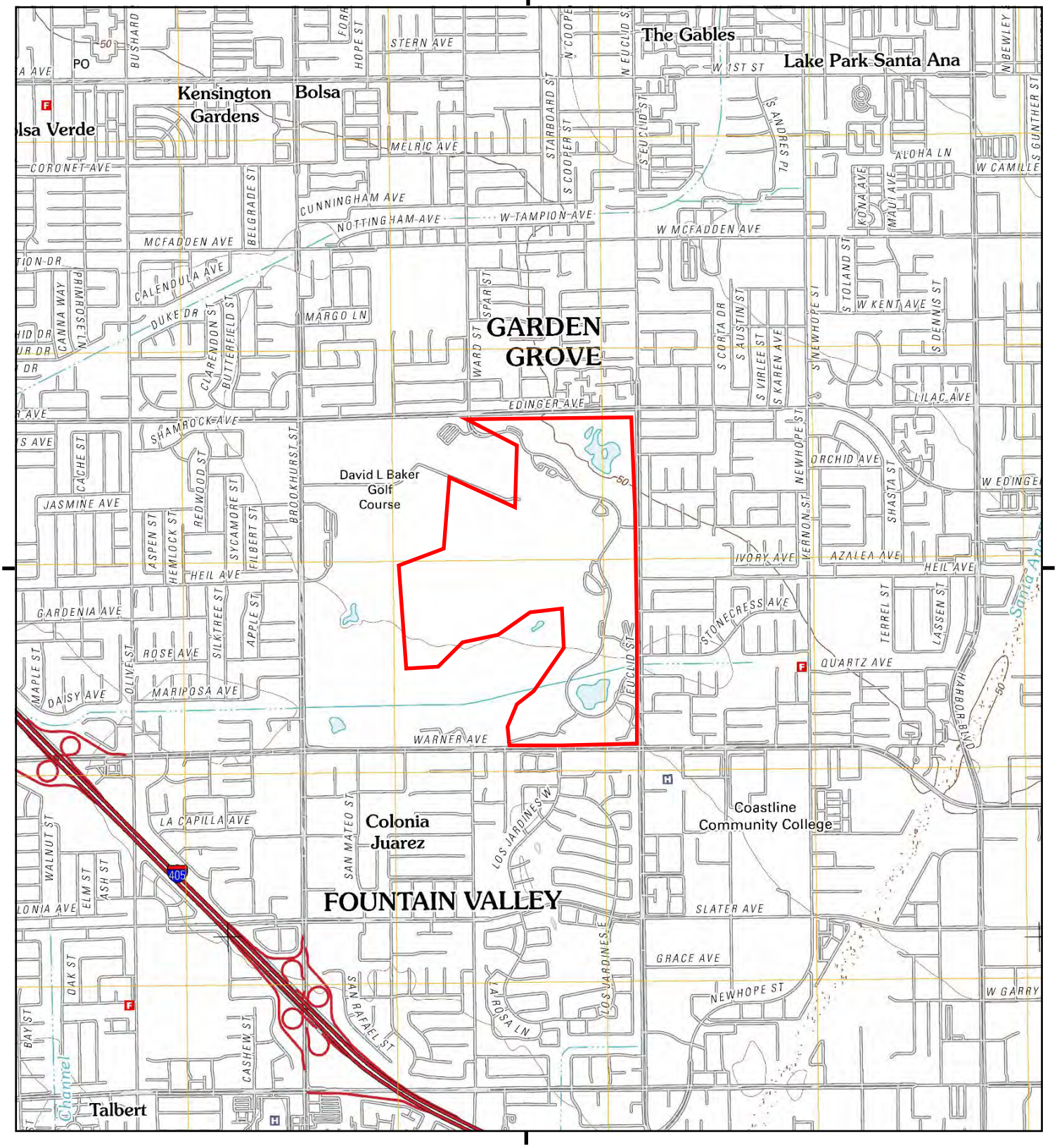
1896 Source Sheets



Santa Ana
1896
15-minute, 62500

Historical Topo Map

2012



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

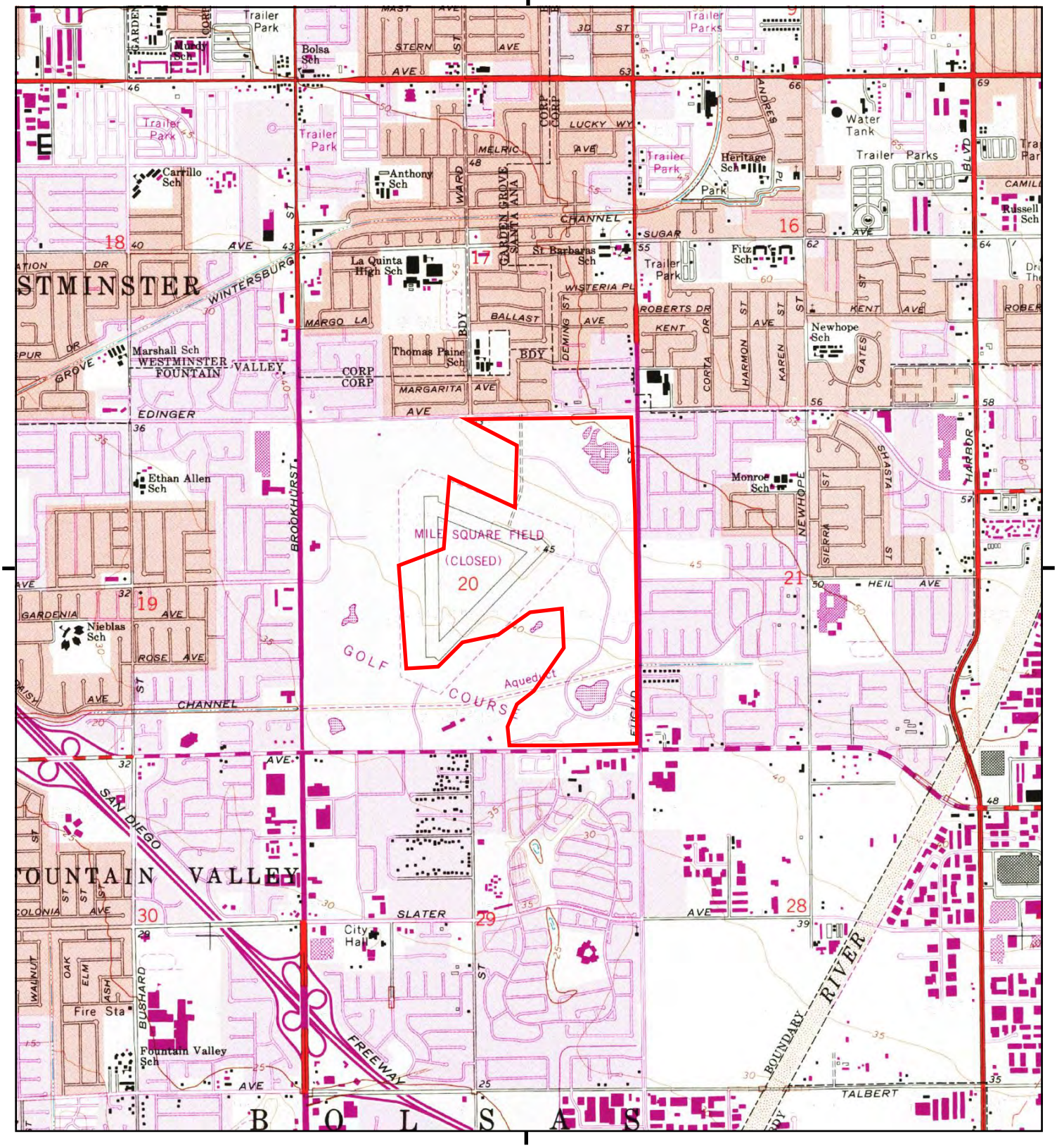
TP, Newport Beach, 2012, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1981



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

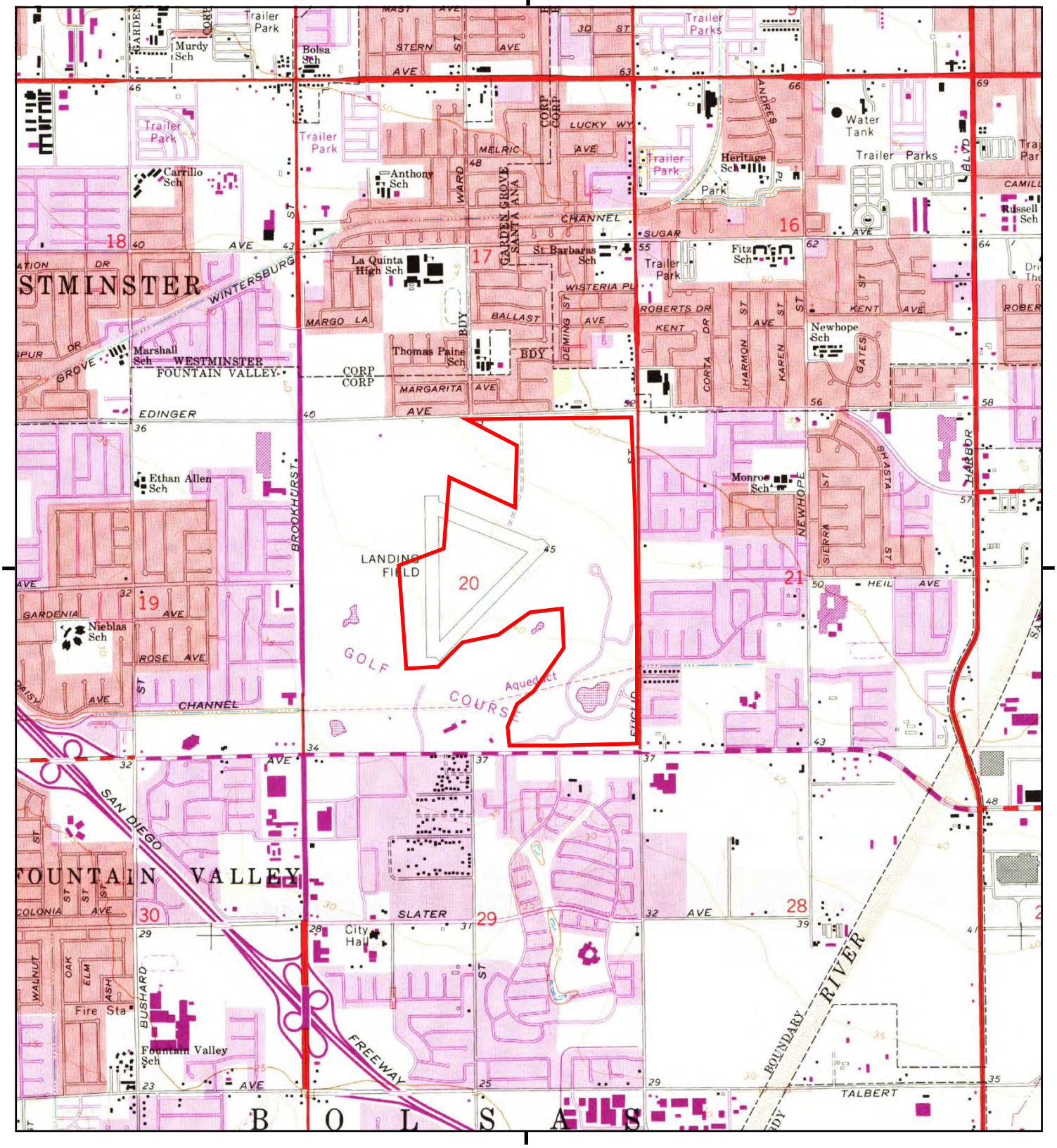
TP, Newport Beach, 1981, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

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Historical Topo Map

1972



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SW S SE

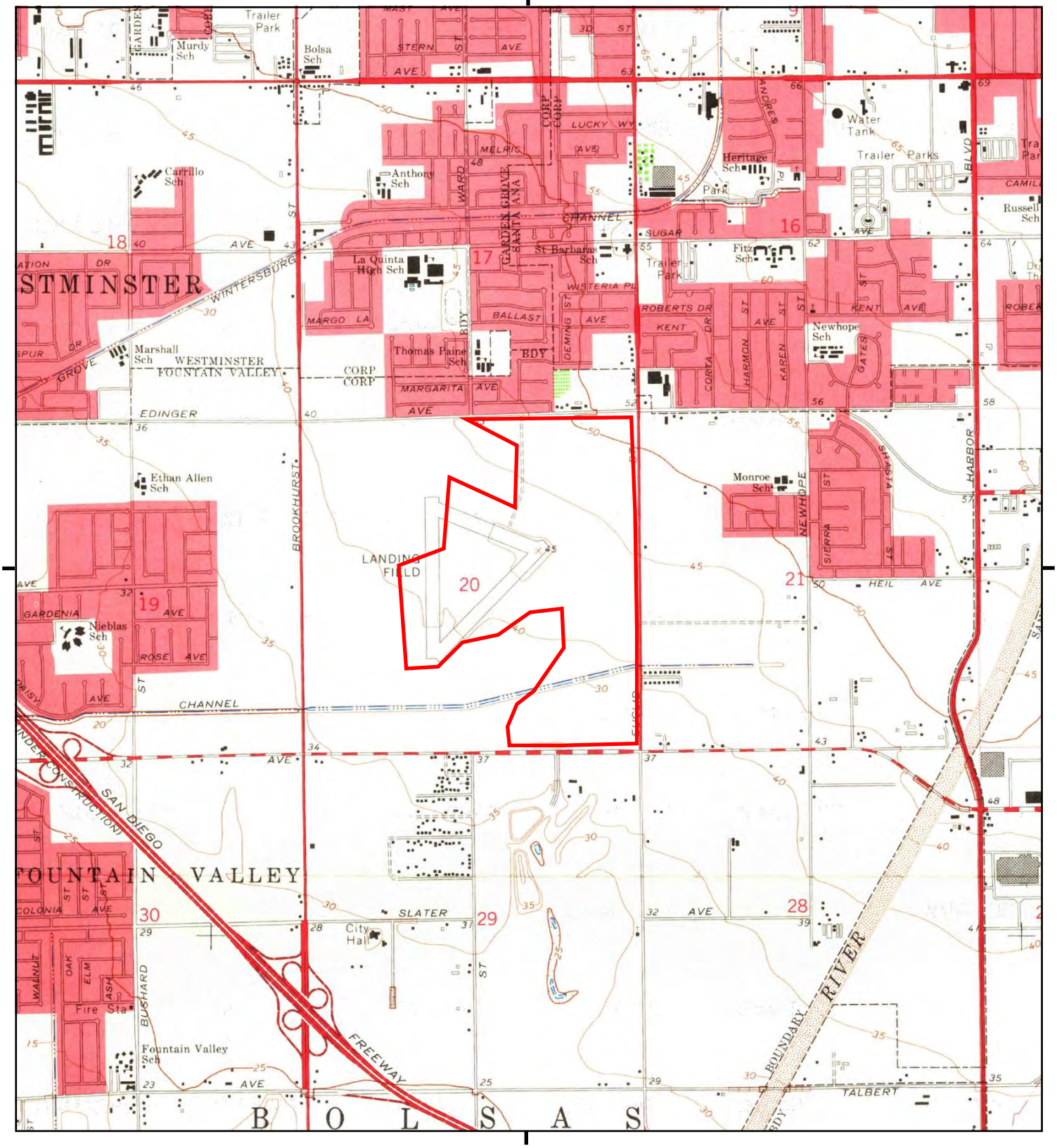
TP, Newport Beach, 1972, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1965



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

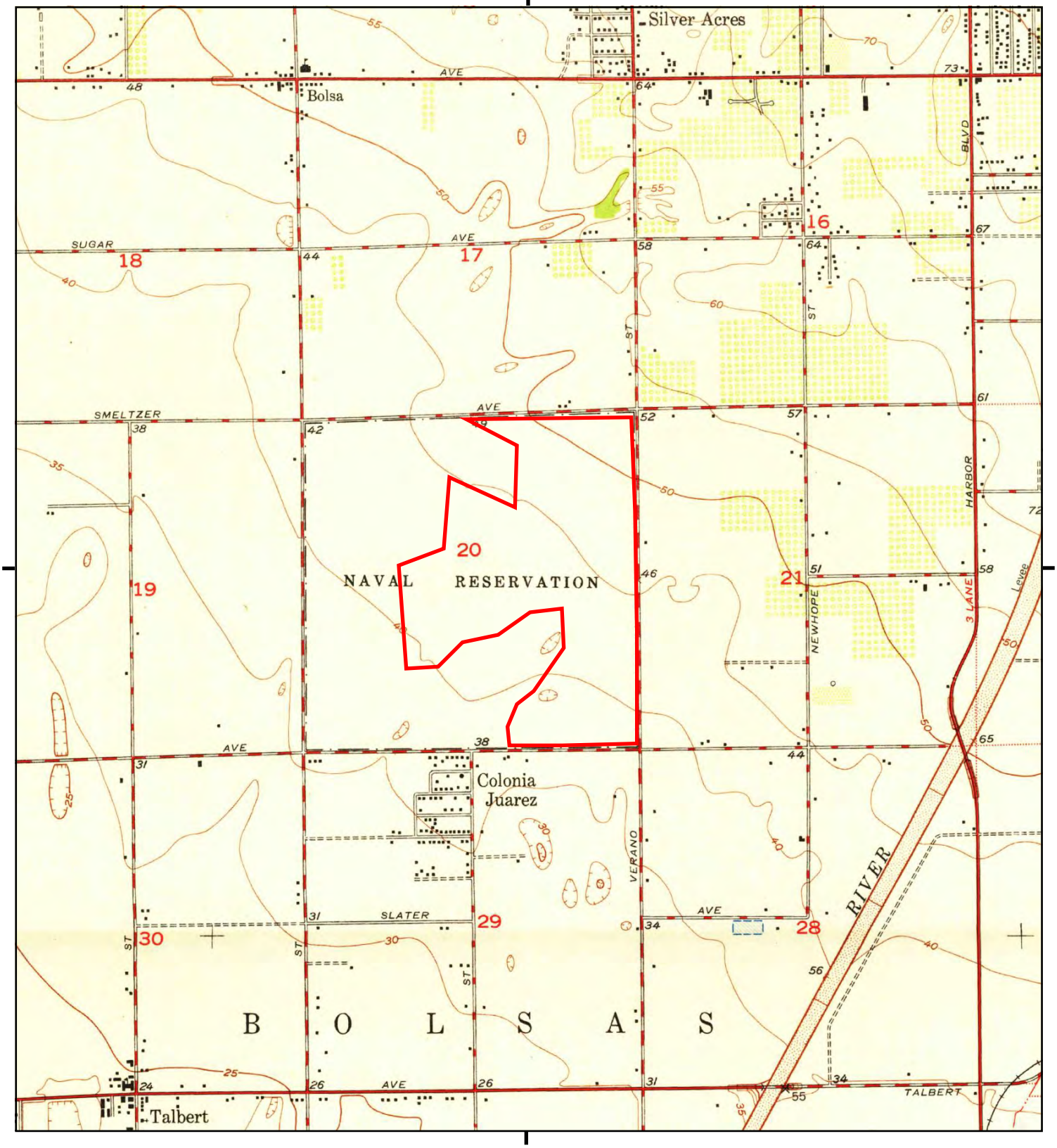
TP, Newport Beach, 1965, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1951



This report includes information from the following map sheet(s).

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W E
SW S SE

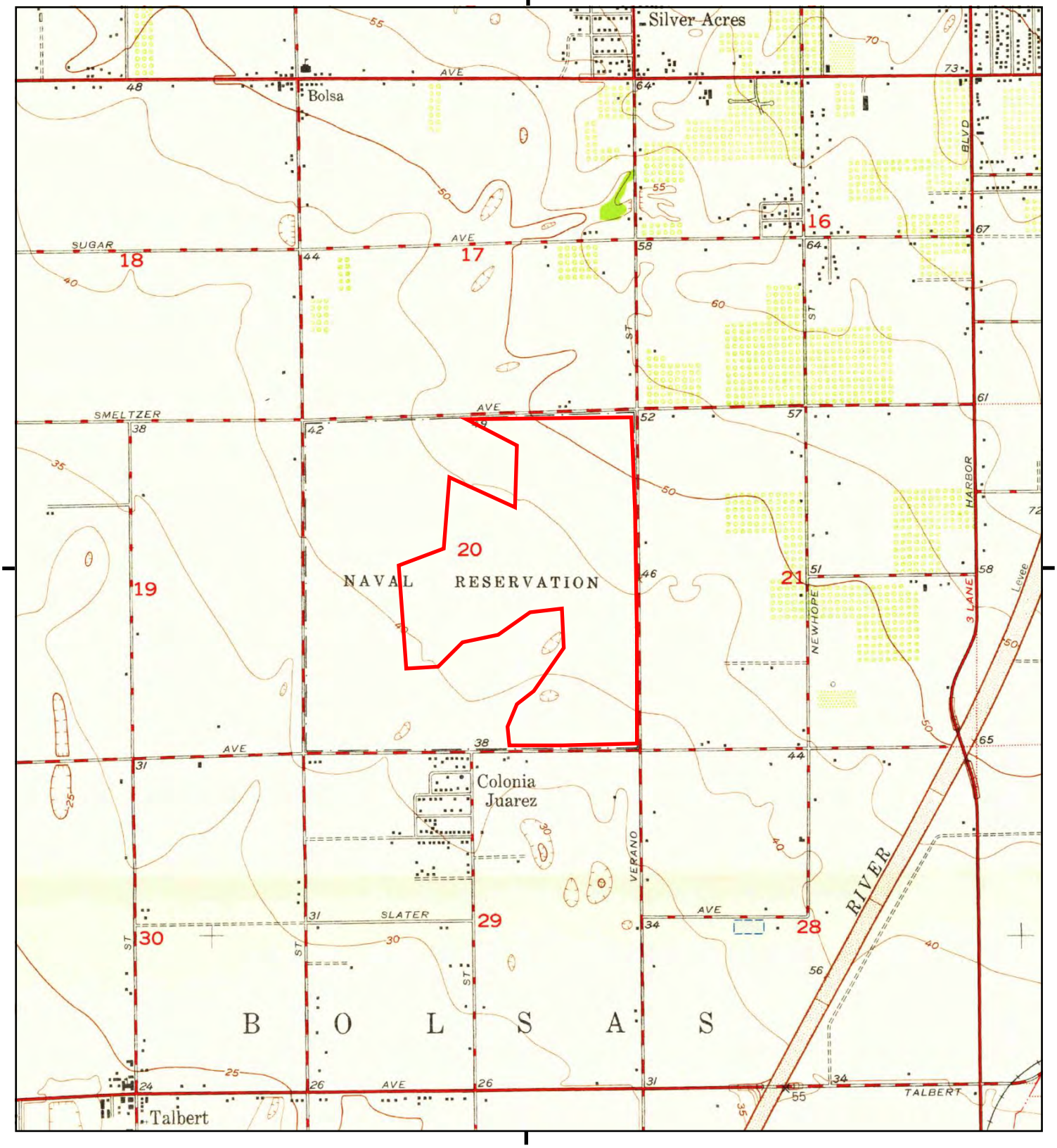
TP, Newport Beach, 1951, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1949



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

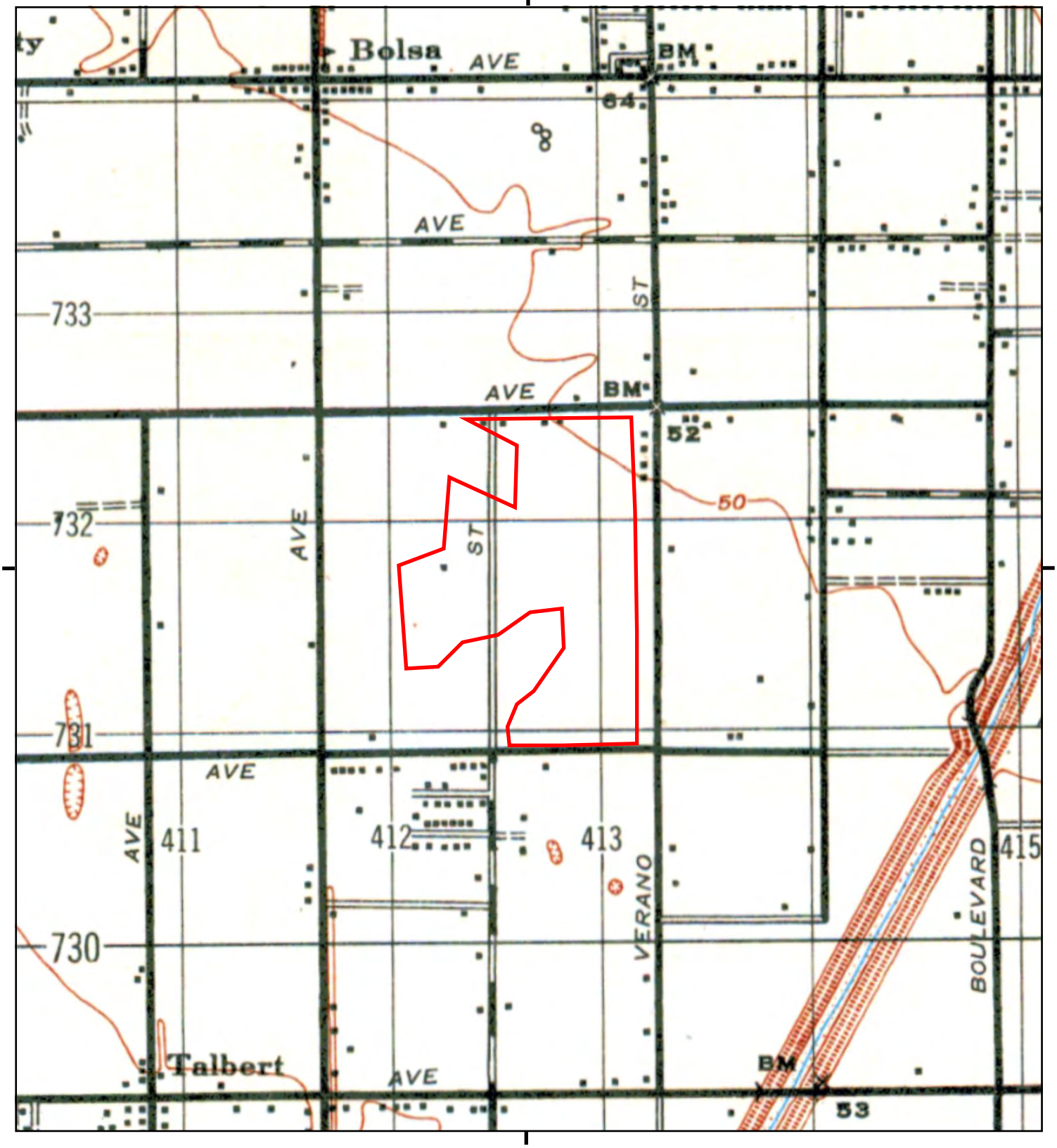
TP, Newport Beach, 1949, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

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W E
SW S SE

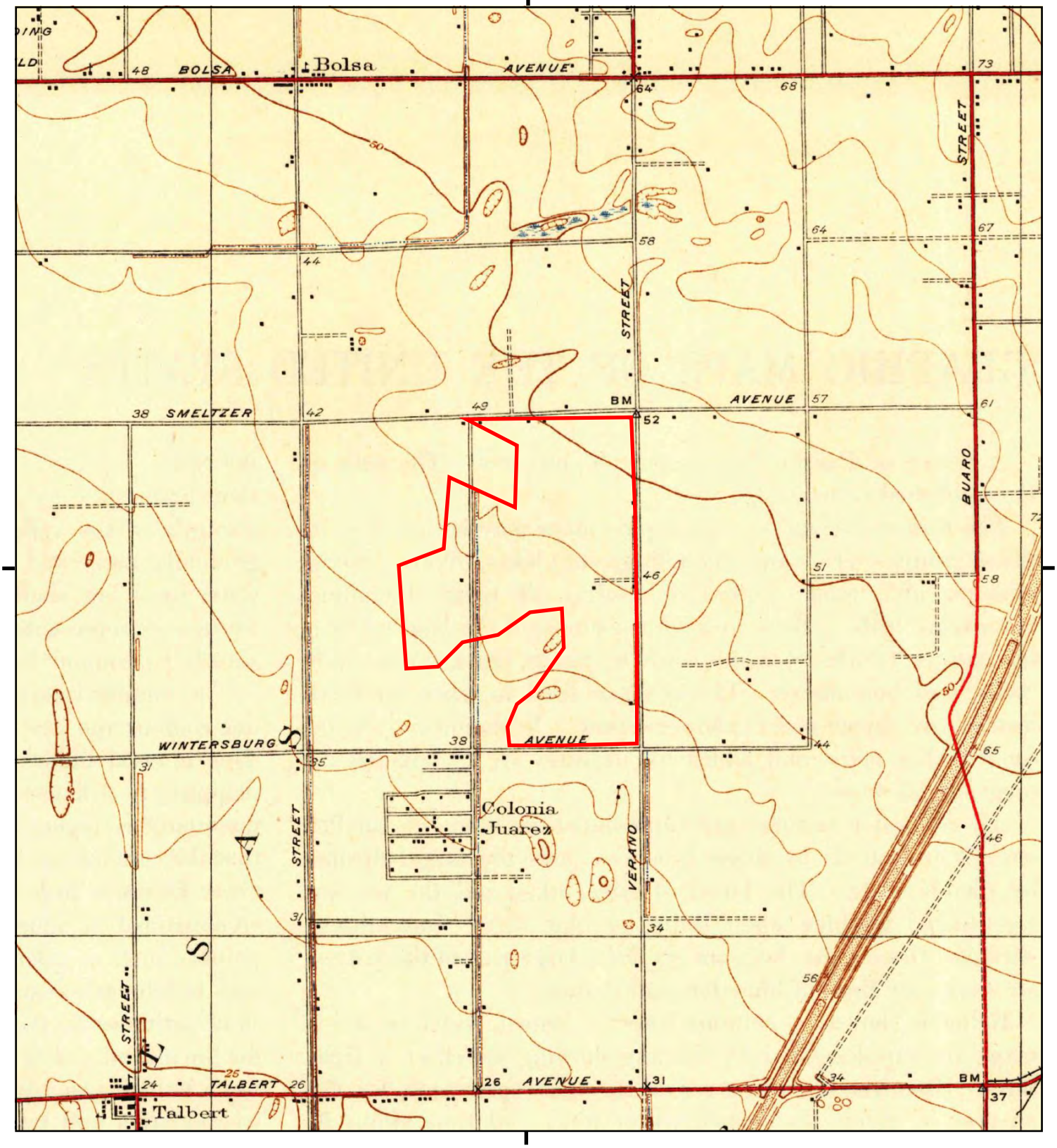
TP, SANTA ANA, 1942, 15-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1935



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

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W E
SW S SE

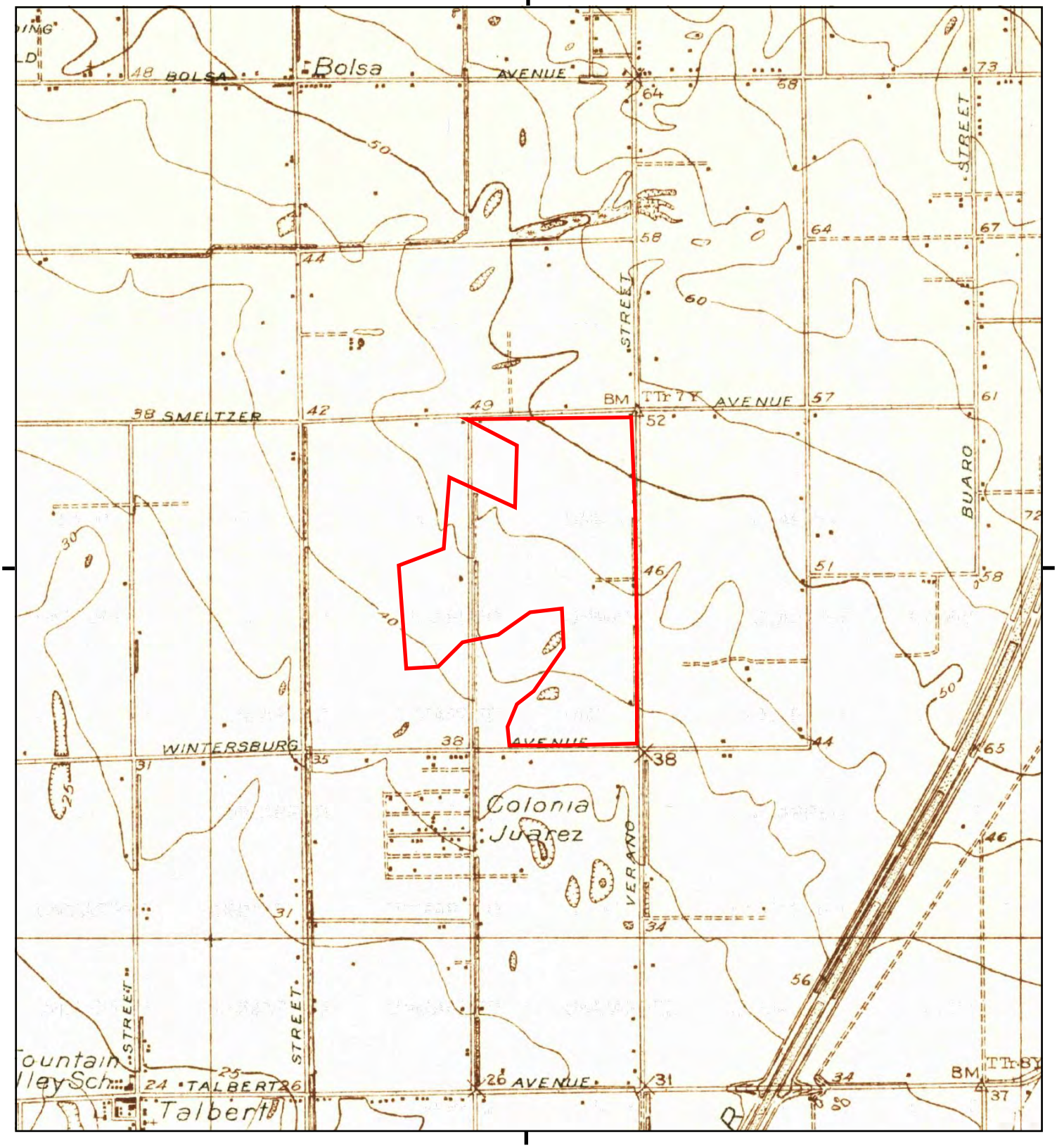
TP, Newport Beach, 1935, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Historical Topo Map

1932



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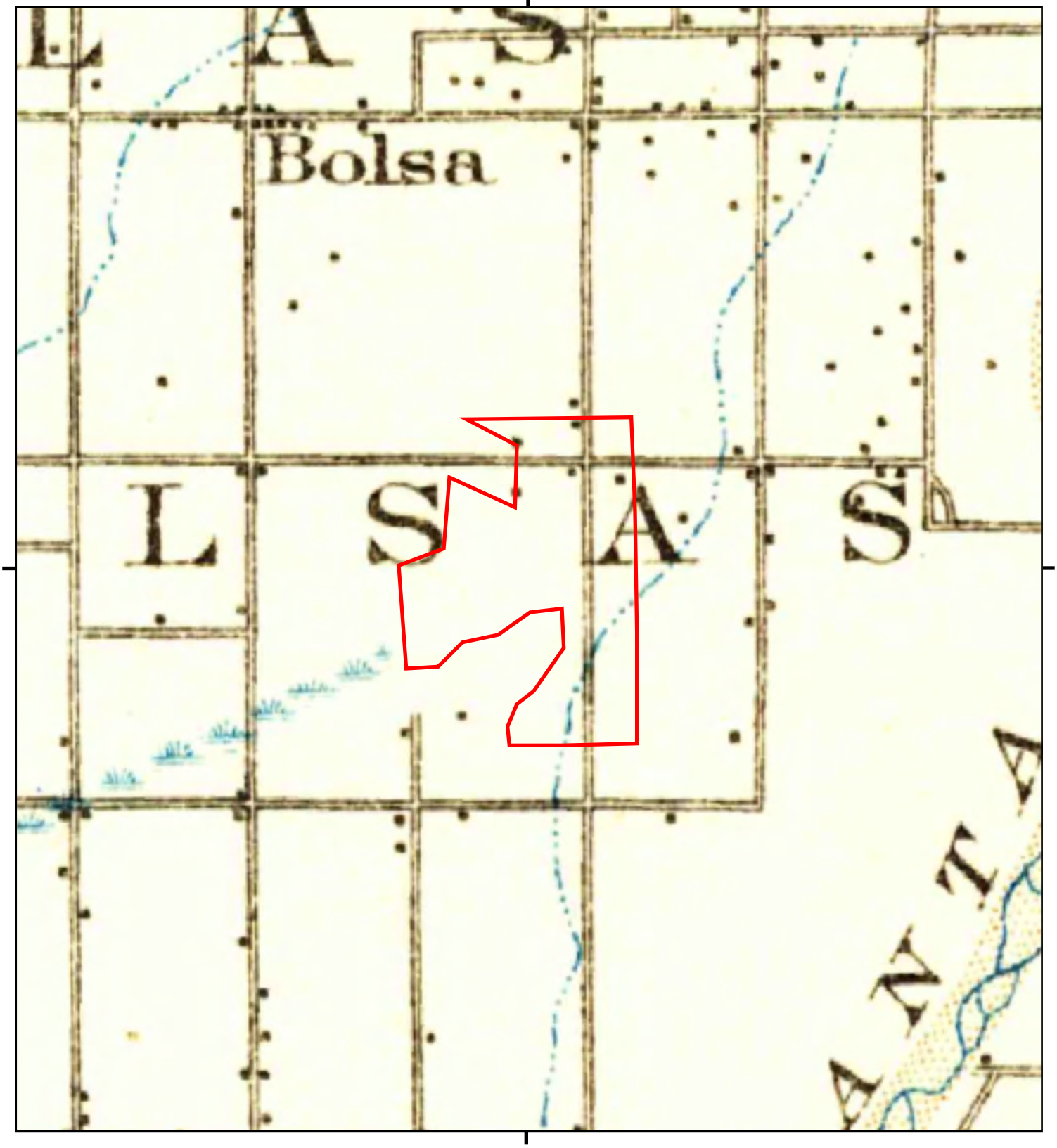
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Newport Beach, 1932, 7.5-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N



This report includes information from the following map sheet(s).

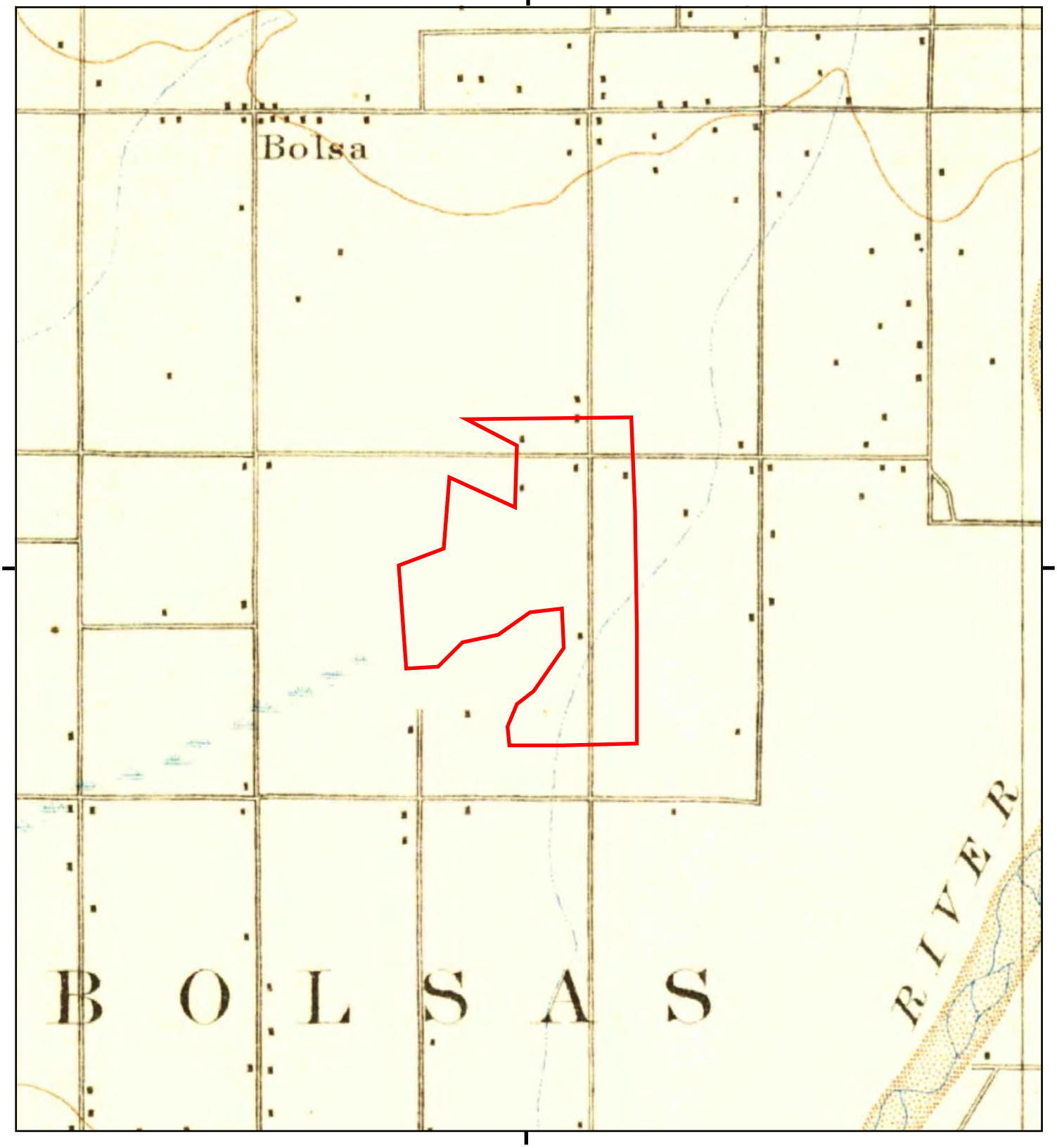
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N



This report includes information from the following map sheet(s).

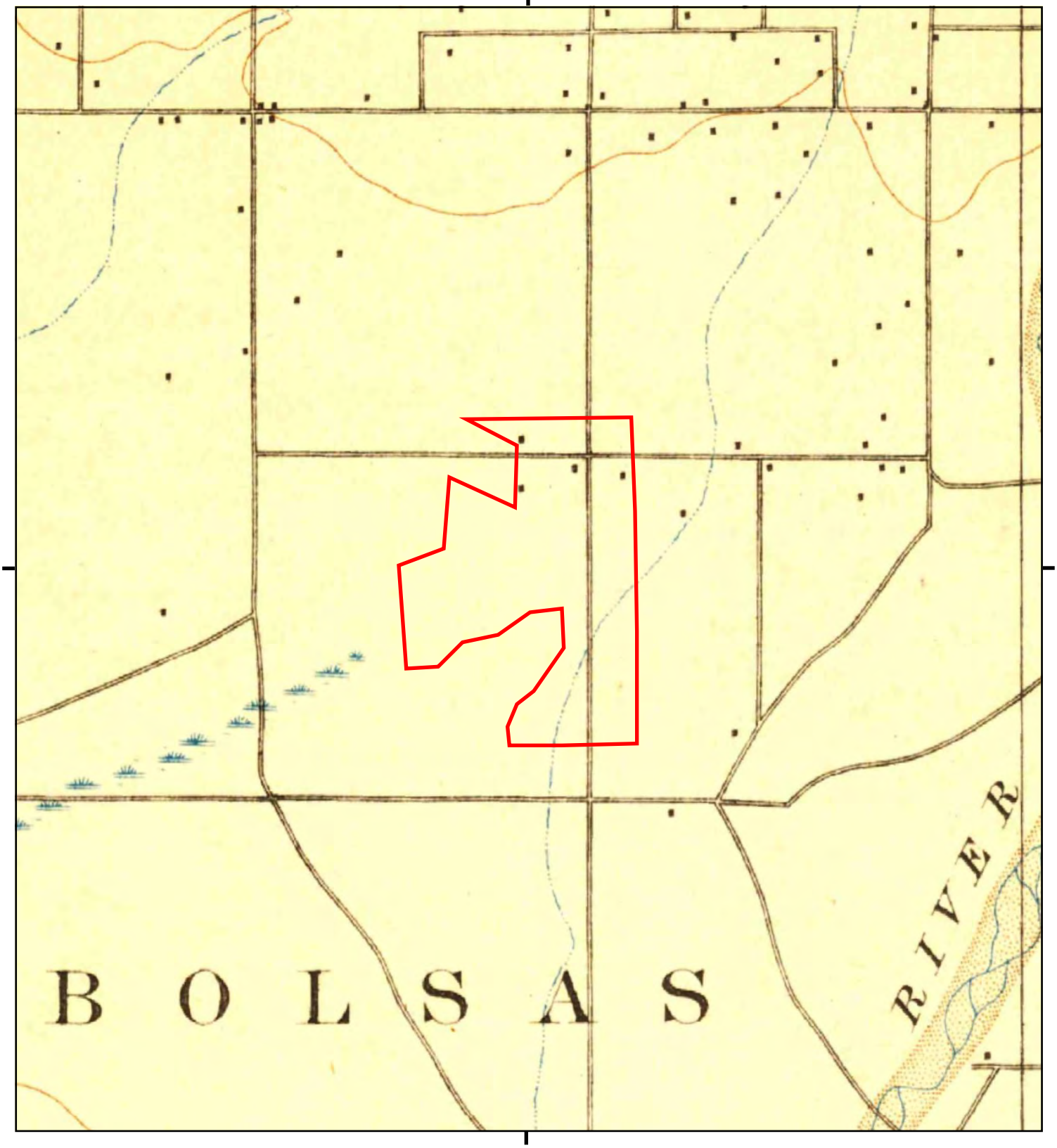
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Santa Ana, 1901, 15-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

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, Santa Ana, 1896, 15-minute

SITE NAME: Mile Square Regional Park Master Plan
ADDRESS: 16801 Euclid Street
Fountain Valley, CA 92708
CLIENT: ICF International

N

Appendix E

Site Photographs

Phase I ESA
Mile Square Regional Park Master Plan
Orange County, California





Photo 1 and 2 – Maintenance yard on the southwestern portion of site. Gravel parking area with equipment. Stalls for equipment, tools and vehicles.





Photos 3 and 4 – Maintenance yard. Flammable material enclosures.



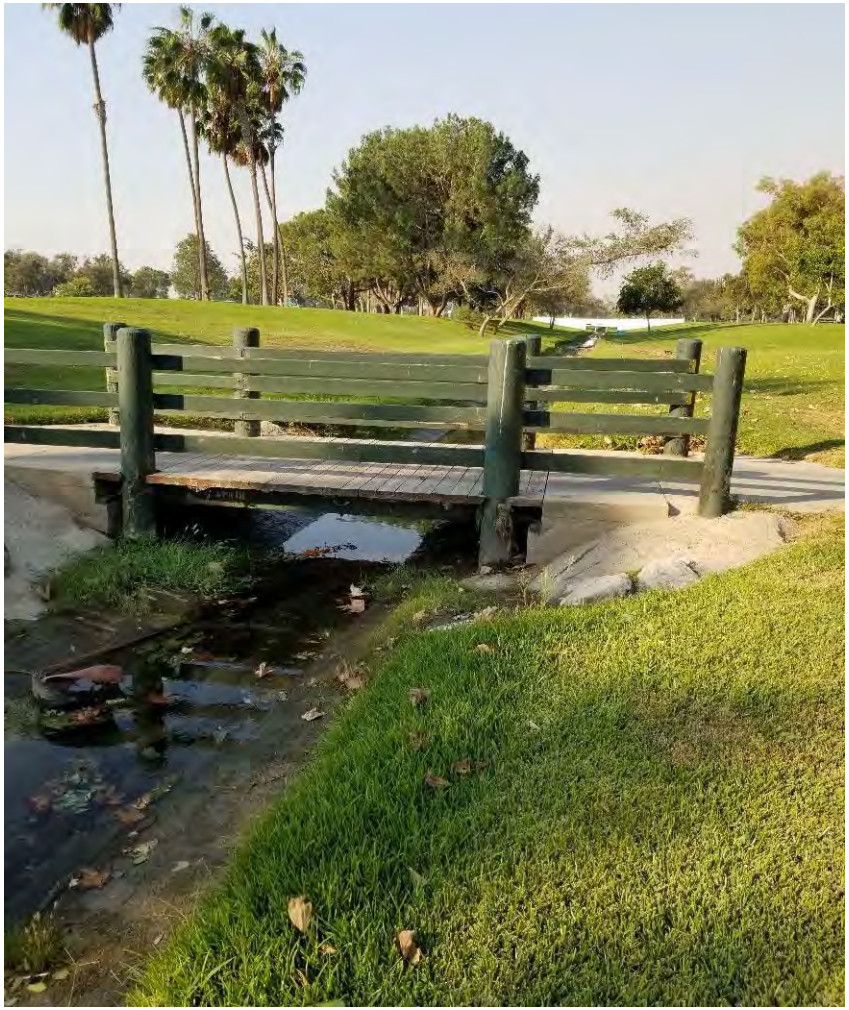


Photos 5 and 6 – Trash bin enclosure. Picnic area with canopy. Southern portion of site.



Photo 7 – Pump house and associated infrastructure. Ranger station can be seen in the background to the left. Southern portion of site. Looking south.





Photos 8 and 9 – Drainage channel located within the central portion of the existing Mile Square Regional Park.



Photo 10 – Archery range. Northern portion of the existing Mile Square Regional Park. Looking northeast.





Photos 11 and 12 –. Fenced off storage area adjacent to archery range. Overflow parking area, northwest of archery range.





Photos 13 and 14 – Freedom Hall and adjacent structures. Northeast portion of the existing Mile Square Park. Looking north.





Photos 15 and 16 – Nature Center. Area housing multiple dumpsters containing green waste. Northern portion of the existing Mile Square Park.





Photos 15 and 16 – Western portion of the Mile Square Golf Course (area to be redeveloped).



Photo 17 – Northern portion of the Mile Square Golf Course (area to be redeveloped). Pond in background. Irrigation equipment in foreground. Looking southeast.

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Photo 18 – Eastern portion of the Mile Square Golf Course (area to be redeveloped). Large pond in background. Patrons can be seen utilizing the course. Looking west.



Photo 19 – Southeastern portion of the Mile Square Golf Course (area to be redeveloped). Large pond in background. Looking west.

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Photo 20 – Southwestern portion of the Mile Square Golf Course (area to be redeveloped). Looking east.



Photo 21 – Southwestern portion of the Mile Square Golf Course (area to be redeveloped). Looking northeast.

Appendix G

Preliminary Hydrology Study

FUSCOE ENGINEERING

PRELIMINARY HYDROLOGY STUDY

MILE SQUARE REGIONAL PARK GOLF COURSE CONVERSION

Fountain Valley, California

prepared for:

OC Parks
County of Orange
OC Community Resources

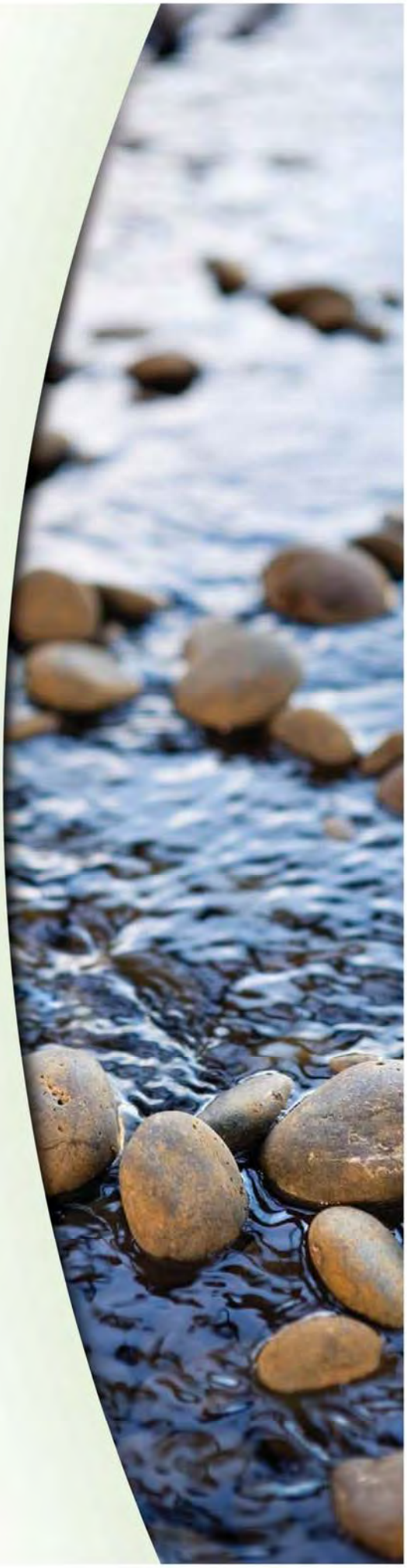
Fuscoe Engineering
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Suite 100
Irvine, California 92606
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Project Manager:
Soojin Shim, P.E.

November 2020
Job Number: 1103-002-01

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FUSCOE ENGINEERING
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PRELIMINARY HYDROLOGY STUDY

MILE SQUARE REGIONAL PARK GOLF COURSE CONVERSION

FOUNTAIN VALLEY, CA NOVEMBER 2020

1103-002-01

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PRELIMINARY HYDROLOGY STUDY

MILE SQUARE REGIONAL PARK GOLF COURSE CONVERSION

FOUNTAIN VALLEY, CA NOVEMBER 2020

1103-002-01

FUSCOE ENGINEERING

PRELIMINARY HYDROLOGY STUDY

MILE SQUARE REGIONAL PARK GOLF COURSE CONVERSION

FOUNTAIN VALLEY, CA NOVEMBER 2020

1103-002-01

PRELIMINARY HYDROLOGY REPORT

Mile Square Regional Park
Golf Course Conversion

Fountain Valley, California

PREPARED BY:
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16795 Von Karman, Suite 100
Irvine, CA 92130
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Project Number:
1103-002-01

Project Manager:
Soojin Shim, P.E.

Date Prepared:
November 2020

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Appendix 3 USDA Web Soil Survey

Appendix 4 Existing Condition Hydrology

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Appendix 6 FEMA Maps

1.0 INTRODUCTION

1.1 Geographic Setting

Mile Square Regional Park is operated by County of Orange Community Resources Division, and is located in Fountain Valley, California. The park is situated to the south of Edinger Avenue, to the east of Brookhurst Street, to the west of Euclid Avenue, and to the north of Warner Avenue.. The park includes lakes and golf courses, along with other outdoor amenities. The 93-acre project site is located within one of the golf courses in Mile Square Regional Park. A Vicinity Map is included as Figure 1, below.

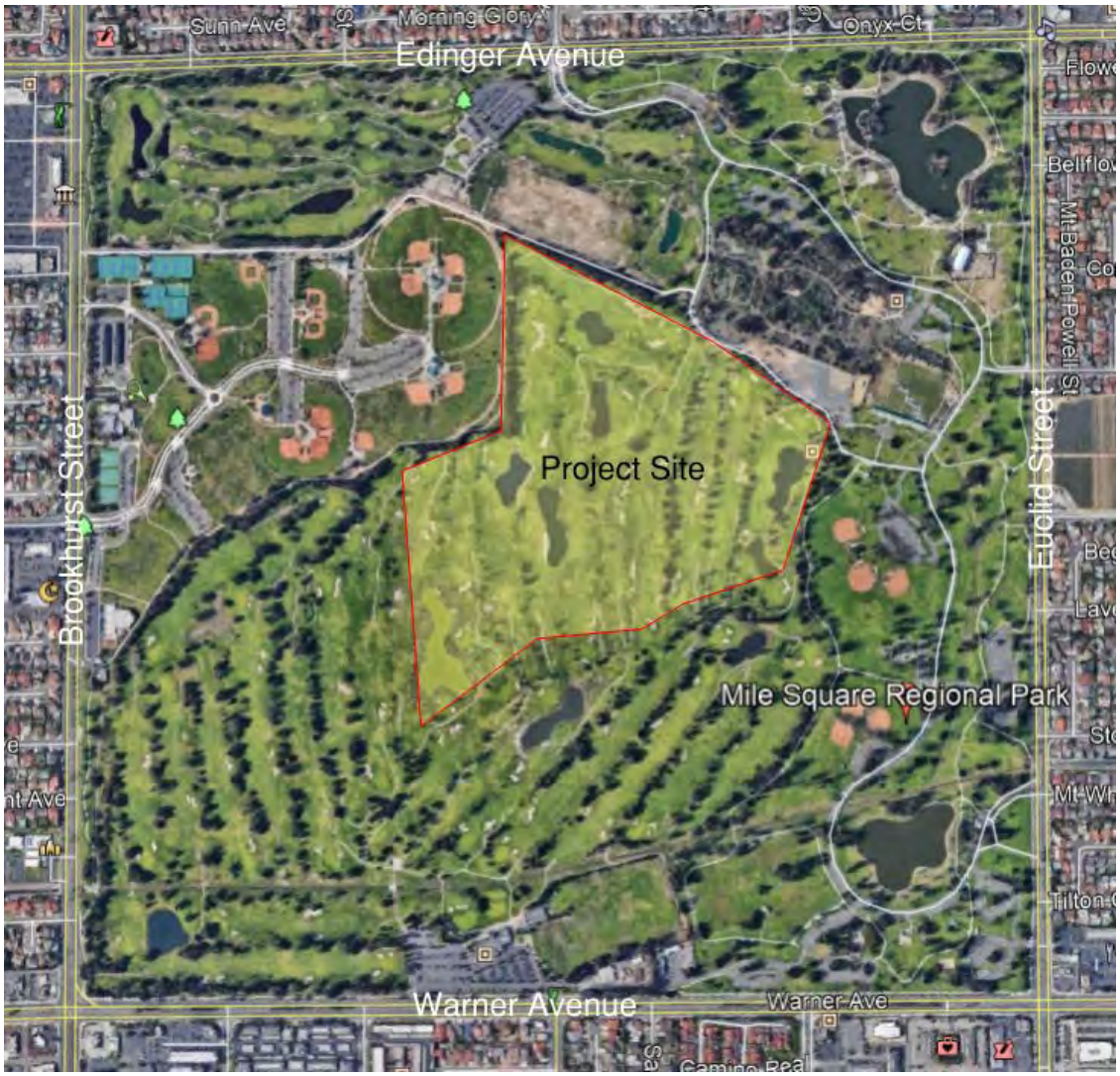


FIGURE 1 - VICINITY MAP

1.2 Project Description

Proposed is a redevelopment of an existing golf course, a 93-acre facility within Mile Square Regional Park. The improvements will include upgrading and modernizing the existing golf course.

1.3 Purpose of this Report

The purpose of this report is to provide discussions, calculations, and exhibits to estimate the values for the existing and proposed condition stormwater flows.

1.4 References

- Orange County Hydrology Manual & Local Drainage Manual
- AES Hydrologic Software
- USDA NRCS Web soil Survey
- As-Built Plans for Oceanview Channel (Facility No. C06-403-3A)
- As-Built Mile Square Golf Course Drainage Plan
- FEMA

2.0 HYDROLOGY

2.1 Existing Condition

The existing site includes a golf course, built in 1999, per Mile Square Golf Course Plans (See Appendix 1). To the south of the proposed development, a flood control channel (Ocean View-Warner Channel (C06-403-3A) traverses through the park from Euclid Street toward Brookhurst Street. Based on our review of the plans, the channel was initially constructed in 1964 by City of Fountain Valley, and updated in 1969 per County of Orange and City of Fountain Valley. The channel currently accepts tributary flows from the existing project site. A copy of the channel plans is included as Appendix 2.

The existing drainage pattern is southerly, and consist of a series of ponds with connecting pipes, and the drainage is tributary to the Ocean View-Warner Channel. From our review of the existing drainage scheme, the outlets of the ponds are set at the water surface. Therefore, it is our opinion that the ponds are not used for storm detention.

The AES hydrologic analyses required review and determination of soil type, along with site imperviousness. The project is within Soil Type "A", based on the USDA Web Soil Survey, included in Appendix 3 of this report. Based on our analyses, the site is currently approximately 7% impervious. This percent impervious was modeled using a combination of "park" of (15% impervious), and "grass" (0% impervious). The 10-year storm event was modeled for this report.

The existing condition hydrologic analysis includes offsite drainage that is tributary to the project site. The approximately 107 acres of existing (onsite and offsite) drainage ultimately discharges from the site at three locations along the southerly boundary of the site. The existing condition calculations and map are included in Appendix 4 of this report.

2.2 Proposed Condition

The proposed development will include redeveloping the existing golf course. The proposed development will increase the imperviousness of the site to approximately 23%. This was hydrologically modeled, using AES hydrologic software, using a combination of "park" (15% impervious), and "2 dwelling units per acre" (30% impervious).

As in the existing condition, the proposed condition AES hydrology includes the offsite drainage, for a combined tributary area of approximately 108 acres. The proposed drainage scheme will differ from the existing condition by eliminating two of the discharge locations, and establishing a single discharge near the southwest corner of the site. calculations and map are included in Appendix 5 of this report.

3.0 FEMA

The project is within FEMA Map 06059C0252J (12/3/2009). The site is entirely within Zone X, which depicts area of reduced flood risk due to levee. Since the project area is not within a special flood hazard zone, as defined by FEMA, a CLOMR or LOMR will not be required. The associated FEMA Maps are included in this report as Appendix 6.

4.0 RESULTS AND CONCLUSIONS

The results of the hydrologic analyses are shown on the following tables.

TABLE 1 – EXISTING CONDITON

Sub-Area	Acres	10 Yr Time of Concentration (Tc) minutes	10 Yr Q (cfs)
A (node 106)	31.4	17.88	44.8
B (node 208)	45.7	20.91	53.2
C (node 306)	30.3	18.23	42.7
Total (Summed)	107.4	-	140.7

TABLE 2 – PROPOSED CONDITON

Sub-Area	Acres	10 Yr Time of Concentration (Tc) minutes	10 Yr Q (cfs)
A	76.8	25.61	44.8
B	31.7	25.58	45.7
Total (Confluenced)	108.5	-	133.9

Based on the hydrologic analyses included in this report, the proposed project would not adversely impact the drainage systems or the existing channel to the south of the proposed development. Additional calculations, including hydraulic analyses of the proposed improvements, will be included in final design. The back-up calculations and exhibits area included in the appendices of this report.

5.0 APPENDICES

Appendix 1 Mile Square Golf Course As-Built Plans

Appendix 2 Ocean View – Warner Channel As-Built Plans

Appendix 3 USDA Web Soil Survey

Appendix 4 Existing Condition Hydrology

Appendix 5 Proposed Condition Hydrology

Appendix 6 FEMA Maps

APPENDIX 1

Mile Square Golf Course As-Built Plans

GRADING AND DRAINAGE PLAN
FOR
COUNTY OF ORANGE
MILE SQUARE GOLF COURSE

10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA

GRADING NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE GRADING CODE OF THE COUNTY OF ORANGE AND ANY SPECIAL REQUIREMENTS OF THE PERMIT. A COPY OF THE GRADING CODE AND MANUAL SHALL BE RETAINED ON THE JOB SITE WHILE WORK IS IN PROGRESS. WHEN REFERENCED ON THE PLANS, A COPY OF THE PFRD STANDARD PLANS SHALL ALSO BE RETAINED ON THE SITE.
2. GRADING SHALL NOT BE STARTED WITHOUT FIRST NOTIFYING THE DISTRICT GRADING INSPECTOR, HARBORS, BEACHES, AND PARKS INSPECTOR AND THE SUPERVISING RANGER, MILE SQUARE REGIONAL PARK. A PRE-GRADING MEETING ON THE SITE IS REQUIRED BEFORE START OF GRADING WITH THE FOLLOWING PEOPLE PRESENT, OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOIL ENGINEER, GEOLOGIST, DISTRICT GRADING INSPECTOR, HARBORS, BEACHES AND PARKS INSPECTOR AND THE SUPERVISING RANGER, MILE SQUARE REGIONAL PARK AND, WHEN REQUIRED, THE ARCHAEOLOGIST AND PALEONTOLOGIST. THE REQUIRED INSPECTIONS FOR GRADING WILL BE EXPLAINED AT THIS MEETING.
3. ISSUANCE OF A GRADING PERMIT DOES NOT ELIMINATE THE NEED FOR PERMITS FROM OTHER AGENCIES WITH REGULATORY RESPONSIBILITIES FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WORK AUTHORIZED ON THIS PLAN.
4. THE GRADING PERMIT AND AN APPROVED COPY OF THE GRADING PLAN SHALL BE ON THE PERMITTED SITE WHILE WORK IS IN PROGRESS.
5. PRELIMINARY SOIL AND GEOLOGY REPORTS AND ALL SUBSEQUENT REPORTS AS APPROVED BY PDSD, GRADING SECTION, ARE CONSIDERED A PART OF THE APPROVED GRADING PLAN.
6. THE SOIL ENGINEER AND ENGINEERING GEOLOGIST SHALL PERFORM SUFFICIENT INSPECTIONS AND BE AVAILABLE DURING GRADING AND CONSTRUCTION TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND THE CODE WITHIN THEIR PURVIEW.
7. THE CIVIL ENGINEER SHALL BE AVAILABLE DURING GRADING TO VERIFY COMPLIANCE WITH THE PLANS, SPECIFICATIONS, CODE AND ANY SPECIAL CONDITIONS OF THE PERMIT WITHIN THEIR PURVIEW.
8. THE SOIL ENGINEER AND ENGINEERING GEOLOGIST SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, SUBDRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
9. SUBDRAIN OUTLETS SHALL BE COMPLETED AT THE BEGINNING OF THE SUBDRAIN CONSTRUCTION.
10. THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE/GRADE AND SHOWN ON AS-GRADED PLANS.
11. AREAS TO RECEIVE FILL SHALL BE PROPERLY PREPARED AND APPROVED IN WRITING BY THE SOIL ENGINEER AND THE BUILDING OFFICIAL PRIOR TO PLACING FILL.
12. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL PER PFRD STANDARD PLAN NO. 1322.
13. ALL EXISTING FILLS SHALL BE APPROVED BY THE BUILDING OFFICIAL OR REMOVED PRIOR TO PLACING ADDITIONAL FILLS.
14. FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90% RELATIVE COMPACTION. AGGREGATE BASE FOR ASPHALTIC AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION. MAXIMUM DENSITY SHALL BE DETERMINED BY UNIFORM BUILDING CODE STANDARD NO. 70-1 OR APPROVED EQUIVALENT AND FIELD DENSITY BY UNIFORM BUILDING CODE STANDARD NO. 70-2 OR APPROVED EQUIVALENT.
15. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN 2 FOOT HORIZONTAL TO 1 FOOT VERTICAL (2:1) EXCEPT WHERE SPECIFICALLY APPROVED OTHERWISE.
16. ALL CUT SLOPES SHALL BE INVESTIGATED BOTH DURING AND AFTER GRADING BY THE ENGINEERING GEOLOGIST TO DETERMINE IF ANY SLOPE STABILITY PROBLEM EXISTS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS OR POTENTIAL GEOLOGICAL HAZARDS, THE ENGINEERING GEOLOGIST SHALL SUBMIT RECOMMENDED TREATMENT TO THE BUILDING OFFICIAL FOR APPROVAL.
17. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE ENGINEERING GEOLOGIST AND SOIL ENGINEER, THE SOIL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE BUILDING OFFICIAL PRIOR TO CONSTRUCTION. THE ENGINEERING GEOLOGIST AND SOIL ENGINEER SHALL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
18. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE ENGINEERING GEOLOGIST SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE ENGINEERING GEOLOGIST AND SOIL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
19. ALL TRENCH BACKFILLS SHALL BE TESTED AND APPROVED BY THE SOIL ENGINEER PER THE GRADING CODE.
20. ANY EXISTING IRRIGATION LINES AND CISTERNS SHALL BE REMOVED OR CRUSHED IN PLACE AND APPROVED BY THE BUILDING OFFICIAL AND SOIL ENGINEER.
21. ANY EXISTING WATER WELLS SHALL BE ABANDONED IN COMPLIANCE WITH THE SPECIFICATIONS APPROVED BY ORANGE COUNTY, HEALTH CARE AGENCY, AND DIVISION OF ENVIRONMENTAL HEALTH.
22. ANY EXISTING CESSPOOLS AND SEPTIC TANKS SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE TO THE APPROVAL OF PDSD/BUILDING INSPECTION.
23. STOCKPILING OF EXCESS MATERIAL SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO EXCAVATION.
24. EXPORT SOIL MUST BE TRANSPORTED TO A LEGAL DUMP OR TO A PERMITTED SITE APPROVED BY THE DISTRICT GRADING INSPECTOR.
25. THE PERMITTEE SHALL COMPLY WITH THE GRADING CODE REQUIREMENTS FOR HAUL ROUTES WHEN AN EXCESS OF 5,000 CUBIC YARDS OF EARTH IS TRANSPORTED TO OR FROM A PERMITTED SITE ON PUBLIC ROADWAYS.
26. THE PERMITTEE IS RESPONSIBLE FOR DUST CONTROL MEASURES.
27. THE PERMITTEE SHALL GIVE REASONABLE NOTICE TO THE OWNER OF ADJOINING LANDS AND BUILDINGS PRIOR TO BEGINNING EXCAVATIONS WHICH MAY AFFECT THE LATERAL AND SUBJACENT SUPPORT OF THE ADJOINING PROPERTY. THE NOTICE SHALL STATE THE INTENDED DEPTH OF EXCAVATION AND WHEN THE EXCAVATION WILL COMMENCE. THE ADJOINING OWNER SHALL BE ALLOWED AT LEAST 30 DAYS AND REASONABLE ACCESS ON THE PERMITTED PROPERTY TO PROTECT HIS STRUCTURE, IF HE SO DESIRES, UNLESS OTHERWISE PROTECTED BY LAW.
28. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON-SITE SOILS SHALL BE CONSTRUCTED WITH TYPE V CEMENT, UNLESS DEEMED UNNECESSARY BY SOLUBLE SULPHATE-CONTENT TESTS CONDUCTED BY THE SOIL ENGINEER.
29. SLOPES EXCEEDING 5 FEET IN HEIGHT SHALL BE PLANTED WITH AN APPROVED PLANT MATERIAL. IN ADDITION, SLOPES EXCEEDING 15 FEET IN HEIGHT SHALL BE PROVIDED WITH AN APPROVED IRRIGATION SYSTEM, UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL.
30. ALL EXISTING DRAINAGE COURSES THROUGH THIS SITE SHALL REMAIN OPEN UNTIL FACILITIES TO HANDLE STORMWATER ARE APPROVED AND FUNCTIONAL; HOWEVER, IN ANY CASE, THE PERMITTEE SHALL BE HELD LIABLE FOR ANY DAMAGE DUE TO OBSTRUCTING NATURAL DRAINAGE PATTERNS.
31. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE.
32. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
33. APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE USED TO PROTECT ADJOINING PROPERTIES DURING GRADING.
34. GRADING OPERATIONS INCLUDING MAINTENANCE OF EQUIPMENT WITHIN ONE-HALF MILE OF A HUMAN OCCUPANCY SHALL NOT BE CONDUCTED BETWEEN THE HOURS OF 8 P.M. AND 7 A.M. DAILY, ON SUNDAY OR ON A FEDERAL HOLIDAY.
   (A) ALL CONSTRUCTION VEHICLES OR EQUIPMENT, FIXED OR MOBILE, OPERATED WITHIN 1,000' OF A DWELLING SHALL BE EQUIPPED WITH PROPERLY OPERATING AND MAINTAINED MUFFLERS.
   (B) ALL OPERATIONS SHALL COMPLY WITH ORANGE COUNTY CODIFIED ORDINANCE DIVISION 6 (NOISE CONTROL).
   (C) STOCKPILING AND/OR VEHICLE STAGING AREAS SHALL BE LOCATED AS FAR AS PRACTICABLE FROM DWELLINGS AND WITHIN THE LIMITS OF GRADING PERMIT.
35. GRADING AND EXCAVATION SHALL BE HALTED DURING PERIODS OF HIGH WINDS. ACCORDING TO AQMD MEASURE F-4, HIGH WINDS ARE DEFINED AS 30 MPH OR GREATER. THIS LEVEL OCCURS ONLY UNDER UNUSUALLY EXTREME CONDITIONS, SUCH AS SANTA ANA WIND CONDITIONS.
36. ASPHALT SECTIONS MUST BE PER CODE: PARKING STALLS = 3" A/C OVER 6" A/B, DRIVES 3" A/C OVER 10" (COMM.) 12" (INDUSTRIAL). OR: PRIOR TO ROUGH GRADE RELEASE FOR BUILDING PERMITS BY THE DISTRICT GRADING INSPECTOR, THE SOIL ENGINEER SHALL SUBMIT FOR APPROVAL, PAVEMENT SECTION RECOMMENDATIONS BASED ON 'R' VALUE ANALYSIS OF THE SUB-GRADE SOILS, AND EXPECTED TRAFFIC INDICES.
37. ASPHALT CONCRETE SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF PFRD. STANDARD PLAN NO. 1805.
38. AGGREGATE BASE SECTION SHALL BE CONSTRUCTED PER PFRD STANDARD NO. 1804.

GRADING NOTES: (CONT.)

39. ROOF GUTTERS SHALL BE INSTALLED TO PREVENT ROOF DRAINAGE FROM FALLING ON MANUFACTURED SLOPES.
40. THE CIVIL ENGINEER, AS A CONDITION OF ROUGH GRADE APPROVAL, SHALL PROVIDE A BLUE TOP WITH ACCOMPANYING WITNESS STAKE, SET AT THE CENTER OF EACH PAD REFLECTING THE PAD ELEVATION FOR PRECISE PERMITS AND A BLUE TOP WITH WITNESS STAKE SET AT THE DRAINAGE SWALE HIGH POINT REFLECTING THE HIGH POINT ELEVATION FOR PRELIMINARY PERMITS.
41. PRIOR TO FINAL APPROVAL, THE CIVIL ENGINEER SHALL CERTIFY TO THE BUILDING OFFICIAL THE AMOUNT OF EARTH MOVED DURING THE GRADING OPERATION.
42. THE ENGINEERING GEOLOGIST SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING.
43. THE GRADING CONTRACTOR SHALL SUBMIT A STATEMENT OF COMPLIANCE TO THE APPROVED GRADING PLAN PRIOR TO FINAL APPROVAL.
44. THE COMPACTION REPORT AND APPROVAL FROM THE SOIL ENGINEER SHALL INDICATE THE TYPE OF FIELD TESTING PERFORMED. THE METHOD OF OBTAINING THE IN-PLACE DENSITY SHALL BE IDENTIFIED WHETHER SAND CONE, DRIVE RING, OR NUCLEAR, AND SHALL BE NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.
45. IN THE EVENT THAT SOIL CONTAMINATION IS DISCOVERED DURING EXCAVATION AND REMOVAL OF AN EXISTING TANK, WORK SHALL BE STOPPED UNTIL A SITE ASSESSMENT AND MITIGATION PLAN HAS BEEN PREPARED, SUBMITTED AND APPROVED BY HCA/ENVIRONMENTAL HEALTH AND PDSD/GRADING.

EROSION CONTROL NOTES:

46. IN THE CASE OF EMERGENCY, CALL DAVID RAINVILLE AT 24 HR PHONE # (714) 838-7200.
47. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SIT AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
48. EROSION CONTROL DEVICES SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
49. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
50. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM STREETS, CHECK BERMS AND BASINS.
51. GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESILTING FACILITIES.
52. THE PERMITTEE AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
53. THE PERMITTEE AND CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN ACCORDANCE WITH THE APPROVED PLANS.

ENVIRONMENTAL NOTES:

54. THE PERMITTEE SHALL NOTIFY ALL GENERAL CONTRACTORS, SUBCONTRACTORS, MATERIAL SUPPLIERS, LESSEES, AND PROPERTY OWNERS THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED IS PROHIBITED.
55. PERMITTEE SHALL MAINTAIN CONSTRUCTION SITE IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPERCHLORINATED POTABLE WATER LINE FLUSHINGS.
    DURING CONSTRUCTION, PERMITTEE SHALL DISPOSE OF SUCH MATERIALS IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
56. PERMITTEE MAY DISCHARGE MATERIAL OTHER THAN STORMWATER ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.
57. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.
58. "SURVEY MONUMENTS SHALL BE PRESERVED AND REFERENCED BEFORE CONSTRUCTION AND REPLACED AFTER CONSTRUCTION PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE".

SPECIAL NOTES:

1. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE.
   DISCHARGES OF MATERIAL OTHER THAN STORMWATER ARE ALLOWED ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 SFR PARTS 117 AND 302.
   POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPERCHLORINATED POTABLE WATER LINE FLUSHINGS.
   DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUN-OFF, WHICH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
2. THE PERMITTEE IS RESPONSIBLE FOR DUST CONTROL MEASURES AND COMPLIANCE WITH ALL SOUTH COAST AQMD RULES AND REGULATIONS. PERMITTEE IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND APPROVALS FROM AQMD. ALL GRADING OPERATIONS SHALL BE SUSPENDED DURING SECOND (OR WORSE) STAGE SMOG ALERTS BY AQMD.
3. WATER SHALL BE APPLIED TO THE SITE TWICE DAILY DURING GRADING OPERATIONS OR AS OTHERWISE DIRECTED BY THE COUNTY INSPECTOR IN COMPLIANCE WITH SOUTH COAST AQMD RULE 403 (FUGITIVE DUST EMISSIONS). A GRADING OPERATIONS PLAN MAY BE REQUIRED INCLUDING WATERING PROCEDURES TO MINIMIZE DUST, AND EQUIPMENT PROCEDURES TO MINIMIZE VEHICLE EMISSIONS FROM GRADING EQUIPMENT.

EARTHWORK QUANTITIES

OVEREXCAVATION	20,000 CY
CUT	298,900 CY
FILL	274,900 CY
ALLOWANCE FOR SHRINKAGE (14%)	64,000 CY

PLAN NOTES

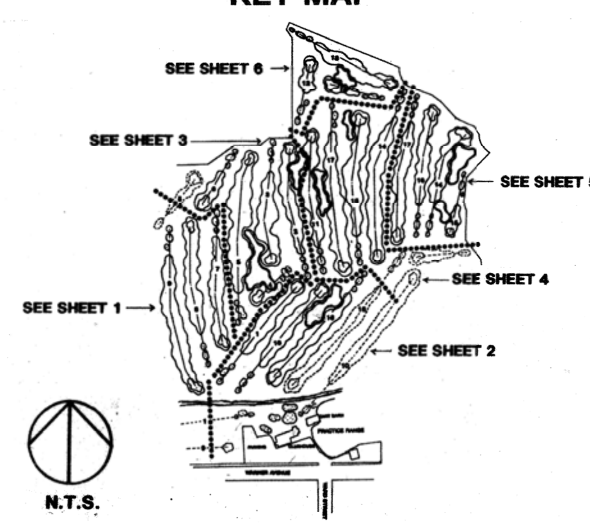
1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

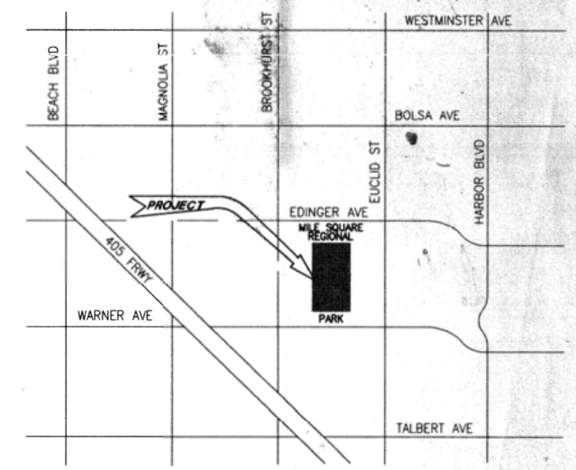
CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'C/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C/DET.2'
••••••	CONSTRUCT NEW 6' CHAINLINK FENCE 9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'I' & 'L'/DET. 2
—×—×—	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

KEY MAP





LOCATION MAP
NTS

SHEET INDEX

SHT. NO.	TITLE	HOLES
G1	GRADING PLAN	7, 8, 9
G2	GRADING PLAN	1, 10, 18, EX. 1, EX. 10
G3	GRADING PLAN	2, 3, 4, 5, 6
G4	GRADING PLAN	11, 14, 15, 17
G5	GRADING PLAN	EX. 14, EX. 15, EX. 16, EX. 17
G6	GRADING PLAN	12, 13, 16
D1	DRAINAGE PLAN	7, 8, 9
D2	DRAINAGE PLAN	1, 10, 18, EX. 1, EX. 10
D3	DRAINAGE PLAN	2, 3, 4, 5, 6
D4	DRAINAGE PLAN	11, 14, 15, 17
D5	DRAINAGE PLAN	EX. 14, EX. 15, EX. 16, EX. 17
D6	DRAINAGE PLAN	12, 13, 16
DET. 1	NOTES & DETAILS	
DET. 2	NOTES & DETAILS	
EC1	EROSION CONTROL PLAN	

ABBREVIATIONS

T.G.	TOP OF GRATE
INV.	INVERT
T.W.	TOP OF WALL
T.F.	TOP OF FOOTING
F.S.	FINISH SURFACE
F.G.	FINISH GRADE

GRADING LEGEND

SYMBOL	ITEM
	GREEN
	BUNKER (CLEAN SAND)
	WASTE BUNKER
	TEE
———o	CENTER LINE OF PLAY
	GOLF PATH (SEE DRAINAGE PLAN FOR CURB LOCATION)
—//—	PROJECT LIMIT OF GRADING/PERMIT
—//—	DAYLIGHT LINE
CUT / FILL	CUT/FILL LINE
	EXISTING TREES TO BE SAVED

NOTE: SEE TITLE SHEET FOR GENERAL GRADING NOTES
SEE SHEET 'DET.1' FOR GENERAL DEMOLITION NOTES

DRAINAGE LEGEND

SYMBOL	ITEM
——	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
——	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
—+—+—	8" – 12" PIP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
○	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
⊠	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
□	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
⊢	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
□	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
●	18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

CAUTION
THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

ARCHEOLOGIST AND PALEONTOLOGIST

RMW PALEO ASSOCIATES, INC.
23352 MADERO SUITE J
MISSION VIEJO, CA 92691
PROJECT NO. 90-1300
(949) 770-8042

FOR INFORMATIN ONLY, RETAINING WALLS TO BE INSPECTED BY OTHERS UNDER A SEPARATE PERMIT.

NOTICE TO CONTRACTOR:

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS, AND THOSE SHOWN ON THE RECORDS EXAMINED, ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDESIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THOSE REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

THE ESTIMATED QUANTITIES HEREON ARE ONLY FOR THE PURPOSE OF OBTAINING THE NECESSARY PERMITS, AND POST, BUCKLEY, SCHUH & JERNIGAN DOES OT GUARANTEE THE ACCURACY OF THE ESTIMATED QUANTITIES. THE CONTRACTOR SHALL PERFORM HIS OWN QUANTITY TAKEOFF BEFORE SUBMITTING A BID FOR ANY PORTION OF THE IMPROVEMENTS COVERED BY THESE PLANS.

DATE	BY	DESCRIPTION	APP'D	DATE
5/10/99	SR	FOR PLAN CHECK RESUBMITTAL		

REVISIONS

BENCH MARK:
NUMBER: 1D-91-69 ELEV. 36.062
RECOVERY NOTE BY ORANGE COUNTY SURVEY 1996. LOCATED 84' NORTHERLY OF THE CENTERLINE OF WARNER AVENUE, 32' NORTHERLY OF THE NORTHERLY CURB OF SAID AVENUE, AND 1'± SOUTHERLY OF CHAIN LINK FENCE, 71.3' WESTERLY OF WARD STREET AND 4' WESTERLY OF THE WESTERLY EDGE OF A SPRINKLER CONTROL BOX. BENCH MARCK IS LEVEL WITH THE GROUND AND LEVEL WITH THE CONTROLLER BOX CONCRETE SLAB.

LEGAL DESCRIPTION:
THAT PORTION OF SECTION 20, TOWNSHIP 5 SOUTH, RANGE 10 WEST IN THE RANCHO LAS BOLSAS IN THE CITY OF FOUNTAIN VALLEY, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP FIELD IN BOOK 51 PAGE 12 OF MISCELLANEOUS MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

SOILS ENGINEER & ENGINEERING GEOLOGIST:
COLEMAN GEOTECHNICAL
3002 DOW AVENUE, SUITE 414
TUSTIN, CALIFORNIA 92780
(714) 573-5776

JOB ADDRESS:
10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER JOSEPH PATRICK KAPP No. 22015 Exp. 9/30/2001 CIVIL STATE OF CALIFORNIA

GRADING PERMIT NO.:
GB 99-0097

OWNER/DEVELOPER: COUNTY OF
MILE SQUA
10401 WARNE
FOUNTAIN
(714) 962

GOLF COURSE ARCHITECT: RAINV
100 W.
TUSTIN
CONTA
PHONE

BASIS OF BEARINGS:
THE BEARINGS ARE BASED ON THE BEARING BETWEEN ORANGE COUNTY SURVEYOR'S HORIZONTAL CONTROL STATION GPS NO. 4180 AND GPS NO. 4194: BEING N89°30'53"W PER THE RECORDS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

RAINVILLE-BYE
GOLF COURSE ARCHITECTS
100 W. MAIN STREET, SUITE 11, TUSTIN, CA 92780
TEL 714/838.7200 FAX 714/838.4115

18022 Cowan, Suite 100A • Irvine, California 92614 (949) 660-8600
PBSJ POST, BUCKLEY, SCHUH & JERNIGAN
A California Corporation
ENGINEERING
PLANNING
SURVEYING
CONSTRUCTION SERVICES

JOSEPH PATRICK KAPP R.C.E. 22015 May 1, 1999 DATE

GRADING AND DRAINAGE PLAN FOR
MILE SQUARE GOLF COUR
COUNTY OF ORA

716PGP01.dwg

EXISTING MILE SQUARE GOLF COURSE

OCEAN VIEW CHANNEL

MATCH LINE SEE SHEET D-2

MATCH LINE SEE SHEET D-3

NORTH

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" – 12" PIP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'C/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C/DET.2'
	CONSTRUCT NEW 6' CHAINLINK FENCE 9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'I' & 'L'/DET. 2
	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL: B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

REVISIONS	BY
4/23/99	
May 10, 1999	

RAINVILLE-BYE GOLF COURSE ARCHITECTS
100 W. MAIN STREET, SUITE 11, TUSTIN, CA 92780
TEL 714/838.7200 FAX 714/838.4115

MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
DRAINAGE PLAN

MILE SQUARE GOLF COURSE, L.P.
10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA 92708
(714) 545-3726

Date APRIL 5, 1999
Scale 1" = 50'
Drawn
Job
Sheet D-1
Of 16 Sheets

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" – 12" PIP PRESSURE-RATED PVC PIPE, C.I.P. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477/GASKETS
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'C/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C/DET.2'
	CONSTRUCT NEW 6' CHAINLINK FENCE 9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'I' & 'L'/DET. 2
	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

MATCH LINE SEE SHEET D-1

MATCH LINE SEE SHEET D-3

SEE ENGINEERS PARKING LOT PLANS FOR THIS 8" PIPE

CLUBHOUSE

PRACTICE RANGE

EXISTING MILE SQUARE GOLF COURSE

LAKE #8

WATER ELEV. 31.60

NORTH

REVISIONS	BY
4/23/99	
May 10, 1999	

RAINVILLE-BYE CORONA ASSOCIATES
100 W. MAINSTREET, SUITE 11, TUSTIN, CA 92780
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PBSJ
• Engineering
• Planning
• Surveying
• Construction Services
18022 Cowan, Suite 100
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Fax: 949/852-0671

MILE SQUARE GOLF COURSE, L.P.
10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA 92708
(714) 545-3726

MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
DRAINAGE PLAN

HOLES 1, 10, 18 EX. 1, EX. 10

Date	APRIL 9, 1999
Scale	1" = 50'
Drawn	
Job	
Sheet	D–2
Of	16 Sheets

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'C/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C/DET.2'
	CONSTRUCT NEW 6' CHAINLINK FENCE-9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'I' & 'L'/DET. 2
	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" – 12" PIP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41. PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

MATCH LINE SEE SHEET D-1

MATCH LINE SEE SHEET D-2

MATCH LINE SEE SHEET D-4

CITY OF FOUNTAIN VALLEY SPORTS COMPLEX

LAKE #1

LAKE #3

LAKE EDGE 33.00

WATER ELEV. 32.50

LAKE EDGE 37.00

WATER ELEV. 36.50

WATER ELEV. 37.0

LAKE EDGE 37.5

NORTH

REVISIONS	BY
4/23 99	
May 10, 1999	

RAINVILLE+BYE GOLF COURSE ARCHITECTS
100 W. MAIN STREET, SUITE 11, TUSTIN, CA 92780
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Engineering
Planning
Surveying
Construction Services
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Irvine, California 92614
Phone 949/660-1600
Fax 949/660-0671

MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
DRAINAGE PLAN

MILE SQUARE GOLF COURSE, L.P.
10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA 92708
(714) 545-3726

HOLES 2, 3, 4, 5, 6

Date	APRIL 9, 1999
Scale	1" = 50'
Drawn	
Job	
Sheet	D–3
Of	16 sheets

CITY OF FOUNTAIN VALLEY
SPORTS COMPLEX

MATCH LINE SEE SHEET D-3

MATCH LINE SEE SHEET D-5

MATCH LINE SEE SHEET D-6

MATCH LINE SEE SHEET D-1

LAKE #2

LAKE #4

LAKE EDGE 37.00

WATER ELEV. 36.90

LAKE EDGE 39.00

WATER ELEV. 38.60

EXISTING MILE SQUARE GOLF COURSE

MILE SQUARE PARK

NORTH

CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'C/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C/DET.2'
	CONSTRUCT NEW 6' CHAINLINK FENCE 9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'L' & 'L'/DET. 2
	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" –12" PIP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	10" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

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MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
DRAINAGE PLAN

MILE SQUARE GOLF COURSE, L.P.
10401 WARNER AVENUE
FOUNTAIN VALLEY, CALIFORNIA 92708
(714) 545-3726

HOLES 11. 14. 15. 17

Date APRIL 9, 1999
Scale 1" = 50'
Drawn
Job
Sheet D-4
Of 16 Sheets

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DRAINAGE PLAN

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HOLES EX. 14 EX. 15, EX. 16, EX. 17

Date APRIL 9, 1999
Scale 1" = 50'
Drawn
Job
Sheet D-5
of 16 Sheets

EXISTING MILE SQUARE GOLF COURSE

MATCH LINE SEE SHEET D-4

EX. 13 EX. 14 EX. 15 EX. 16 EX. 17

G-14 G-EX. 17 G-EX. 13 G-EX. 15 G-EX. 16 G-EX. 14

T-EX. 18 T-EX. 16 T-EX. 14 T-EX. 13 T-14 T-EX. 17

LAKE #7 WATER ELEVATION 42.50 LAKE EDGE 50.00

LAKE #6 WATER ELEVATION 39.00 LAKE EDGE 39.50

MILE SQUARE PARK

NORTH

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" – 12" PVP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'

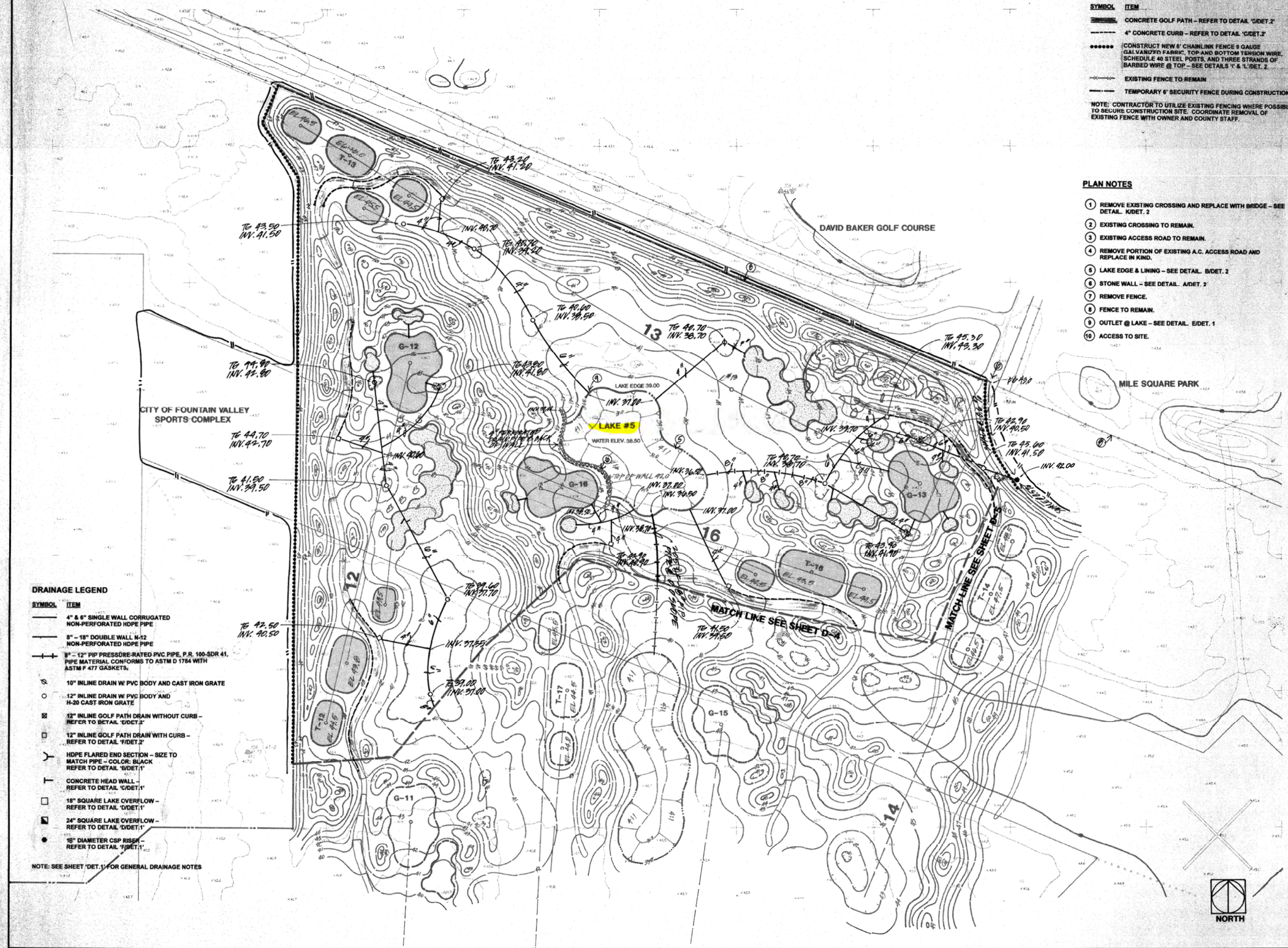
TYP.

- 12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
- HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK – REFER TO DETAIL 'B/DET.1'
- CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
- 18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
- 24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
- 18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET "DET.1' FOR GENERAL DRAINAGE NOTES

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. D/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.



CONSTRUCTION LEGEND

SYMBOL	ITEM
	CONCRETE GOLF PATH – REFER TO DETAIL 'G'/DET.2'
	4" CONCRETE CURB – REFER TO DETAIL 'C'/DET.2'
	CONSTRUCT NEW 6' CHAINLINK FENCE 9 GAUGE GALVANIZED FABRIC, TOP AND BOTTOM TENSION WIRE, SCHEDULE 40 STEEL POSTS, AND THREE STRANDS OF BARBED WIRE @ TOP – SEE DETAILS 'I' & 'L'/DET. 2
	EXISTING FENCE TO REMAIN
	TEMPORARY 6' SECURITY FENCE DURING CONSTRUCTION

NOTE: CONTRACTOR TO UTILIZE EXISTING FENCING WHERE POSSIBLE TO SECURE CONSTRUCTION SITE. COORDINATE REMOVAL OF EXISTING FENCE WITH OWNER AND COUNTY STAFF.

PLAN NOTES

1. REMOVE EXISTING CROSSING AND REPLACE WITH BRIDGE – SEE DETAIL. K/DET. 2
2. EXISTING CROSSING TO REMAIN.
3. EXISTING ACCESS ROAD TO REMAIN.
4. REMOVE PORTION OF EXISTING A.C. ACCESS ROAD AND REPLACE IN KIND.
5. LAKE EDGE & LINING – SEE DETAIL. B/DET. 2
6. STONE WALL – SEE DETAIL. A/DET. 2
7. REMOVE FENCE.
8. FENCE TO REMAIN.
9. OUTLET @ LAKE – SEE DETAIL. E/DET. 1
10. ACCESS TO SITE.

DRAINAGE LEGEND

SYMBOL	ITEM
	4" & 6" SINGLE WALL CORRUGATED NON-PERFORATED HDPE PIPE
	8" – 18" DOUBLE WALL N-12 NON-PERFORATED HDPE PIPE
	8" – 12" PIP PRESSURE-RATED PVC PIPE, P.R. 100-SDR 41, PIPE MATERIAL CONFORMS TO ASTM D 1784 WITH ASTM F 477 GASKETS.
	10" INLINE DRAIN W/ PVC BODY AND CAST IRON GRATE
	12" INLINE DRAIN W/ PVC BODY AND H-20 CAST IRON GRATE
	12" INLINE GOLF PATH DRAIN WITHOUT CURB – REFER TO DETAIL 'E/DET.2'
	12" INLINE GOLF PATH DRAIN WITH CURB – REFER TO DETAIL 'F/DET.2'
	HDPE FLARED END SECTION – SIZE TO MATCH PIPE – COLOR: BLACK REFER TO DETAIL 'B/DET.1'
	CONCRETE HEAD WALL – REFER TO DETAIL 'C/DET.1'
	18" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	24" SQUARE LAKE OVERFLOW – REFER TO DETAIL 'D/DET.1'
	18" DIAMETER CSP RISER – REFER TO DETAIL 'F/DET.1'

NOTE: SEE SHEET 'DET.1' FOR GENERAL DRAINAGE NOTES

REVISIONS	BY
4/23/99	
May 10, 1999	

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MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
DRAINAGE PLAN

MILE SQUARE GOLF COURSE, L.P.
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Date: APRIL 6, 1999
Scale: 1" = 50'
Drawn:
Job:
Sheet: D-6
Of 16 Sheets

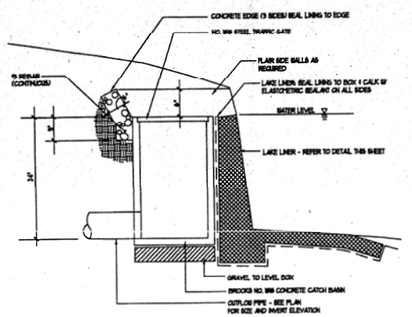
HOLES 12. 13. 16

GENERAL DEMOLITION NOTES

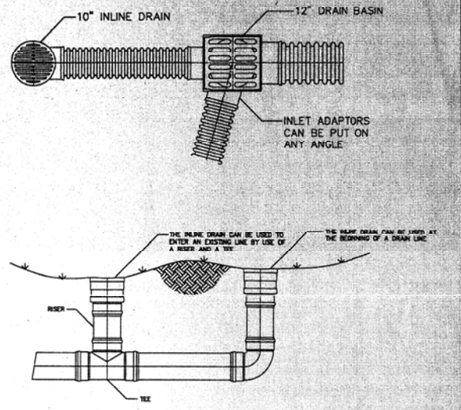
1. CONTRACTOR SHALL TAG ALL TREES TO BE REMOVED AND REVIEW ALL OTHER ITEMS WITH THE ARCHITECT PRIOR TO DEMOLITION.
2. CONTRACTOR TO REMOVE AND DISPOSE OF ALL ITEMS SPECIFICALLY NOTED ON PLANS AND MISCELLANEOUS ITEMS NOT NECESSARILY NOTED, BUT WITHIN FUTURE LIMITS OF GRADING.
3. REFER TO IRRIGATION PLANS FOR REMOVAL AND/OR RE-USE OF IRRIGATION SYSTEM.
4. ALL TREES NOTED TO BE SAVED SHALL BE PROTECTED IN PLACE.
5. CONTRACTOR SHALL RIP EXISTING ASPHALT WITHIN PROJECT BOUNDARY AND REMOVE ASPHALT AND BASE MATERIAL DOWN TO NATIVE SOIL. BASE MATERIAL SHALL BE HAULED TO PARKING LOT EXPANSION AREA AND USED AS BASE FOR NEW PAVING. EXCESS ASPHALT AND BASE SHALL BE PLACED IN FILL AREAS AT SUFFICIENT DEPTH TO ALLOW FOR 3' – 0" OF SOIL COVER. OVER EXCAVATION WILL BE REQUIRED WHEN PLACING ASPHALT AND BASE IN AREAS WITH LESS THAN 3' – 0" OF SOIL COVER. ASPHALT MAY BE RIPPED AND LEFT IN PLACE AT AREAS THAT WILL RECEIVE 3' – 0" OR MORE OF FILL.

GENERAL DRAINAGE NOTES

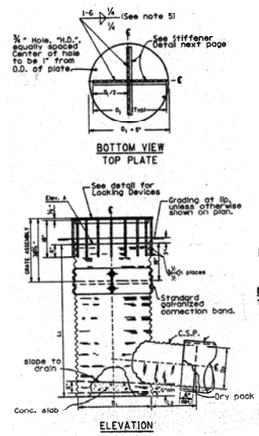
1. HDPE DRAINAGE PIPE, DRAIN BASINS, FITTINGS AND ACCESSORIES ARE BY:
   ADS (ADVANCED DRAINAGE SYSTEMS, INC.).
   3300 RIVERSIDE DRIVE
   COLUMBUS, OHIO 43221 (614) 457-3051 OR EQUAL.
2. PIP PVC PIPE TO BE AS MANUFACTURED BY:
   PACIFIC WESTERN EXTRUDED PLASTICS COMPANY
   P.O. BOX 10049
   EUGENE, OR 97440 (541) 343-8200 OR EQUAL.
3. INSTALL ALL DRAINAGE PRODUCTS PER MANUFACTURER'S RECOMMENDATIONS.
4. APPLICABLE SPECIFICATIONS AND INSTALLATION GUIDELINES:
   A. ASTM F 405, STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE TUBING AND FITTINGS.
   B. ASTM F 667, STANDARD SPECIFICATION FOR LARGE DIAMETER CORRUGATED POLYETHYLENE TUBING AND FITTINGS.
   C. AASHTO M 252, STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE DRAINAGE TUBING.
   D. AASHTO M 294, STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE PIPE, 12" TO 24" DIAMETER.
   E. ASTM D 1784 CELL CLASS 13464-B FOR PIP PIPE WITH ASTM F 477 FOR GASKETS.
   F. ASTM D 2321, STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS.
5. DRAINLINE AND INLET LOCATIONS ARE SCHEMATIC. EXACT LOCATIONS MAY BE ADJUSTED IN THE FIELD. TOP OF GRATE AND INVERT ELEVATIONS ARE INDICATED TO PROVIDE FOR POSITIVE DRAINAGE AND ADEQUATE PIPE COVER.
6. ALL DRAIN LINES ARE TO BE SLOPED A MINIMUM OF 0.6 PERCENT UNLESS NOTED OTHERWISE ON PLANS. ALL DRAIN LINES TO HAVE A MINIMUM OF 12" SOIL COVER FROM TOP OF PIPE TO FINISHED GRADE.
7. USE PIPE BEDDING DETAIL 'H'/DET. 2 FOR INSTALLATION OF PLASTIC PIPE THAT MAKE THE CONNECTIONS BETWEEN LAKES AND FOR THE 18" DIAMETER HDPE PIPE OVERFLOW FROM LAKE #8 TO THE CHANNEL. USE NATIVE BACKFILL FOR BEDDING MATERIAL ON ALL OTHER PLASTIC DRAINAGE PIPE.
8. DRAINAGE PLAN INDICATES GREEN AND BUNKER CONNECTIONS TO LOW FLOW SYSTEM. SEE TYPICAL DETAILS FOR GREEN AND BUNKER DRAINAGE ON SHEET 'DET.2'.
9. 4" AND 6" LINES TO BE 'ADS' SINGLE WALL CORRUGATED HDPE PIPE. 8" AND LARGER LINES TO BE 'ADS' N-12 CORRUGATED HDPE PIPE.
10. ALL DRAINLINES WITH INVERTS BELOW LAKE ELEVATIONS ARE TO BE INSTALLED WITH WATERTIGHT FITTINGS.
11. ALL PIPE CONNECTIONS ARE TO BE MADE WITH PRE-FABRICATED FITTINGS PROVIDED BY THE MANUFACTURER. PVC TO HDPE CONNECTIONS ARE TO BE MADE WITH APPROVED WATERTIGHT FITTINGS SPECIFICALLY MANUFACTURED FOR THAT PURPOSE.



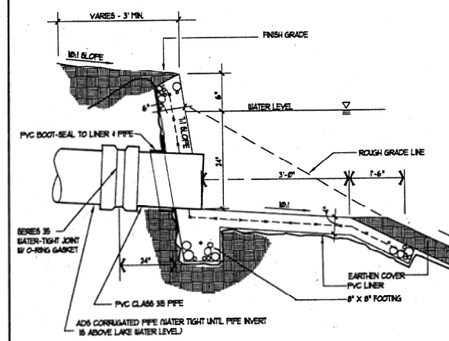
D LAKE OVERFLOW



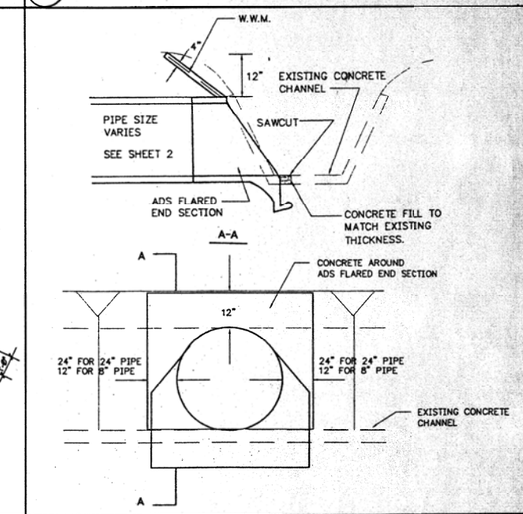
A IN-LINE DRAINS



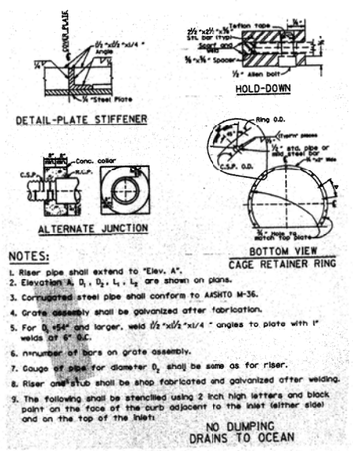
H 18" DIAMETER CSP RISER (2 OF 3)



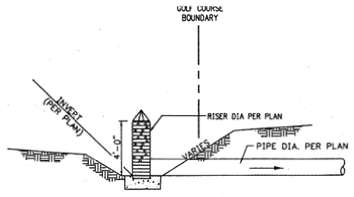
E PIPE ENTRANCE @ LAKE EDGE



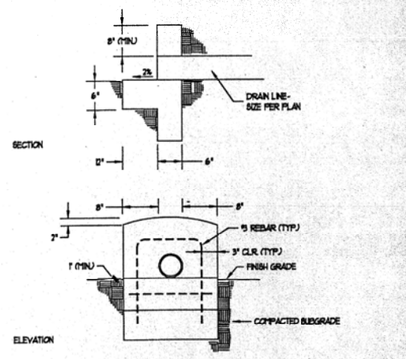
B FLARED END SECTION (> 12" DIA.)



I 18" DIAMETER CSP RISER (3 OF 3)



F 18" DIAMETER CSP RISER (1 OF 3)



C SMALL CONCRETE HEADWALL

REVISIONS
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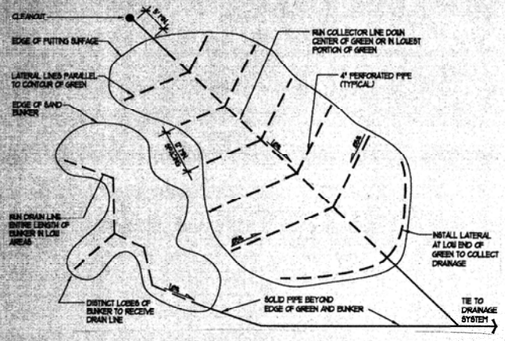
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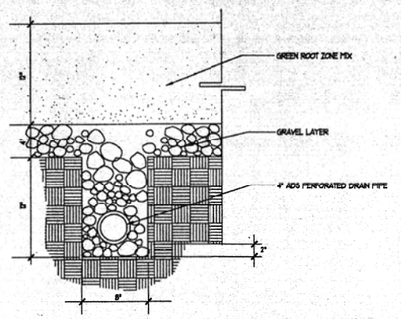
MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS
NOTES AND DETAILS

MILE SQUARE GOLF COURSE, L.P.
10401 WARNER AVENUE
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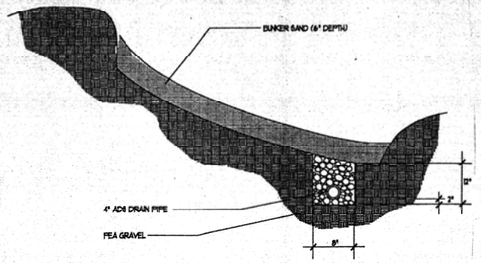
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DET. 1
Of 16 Sheets



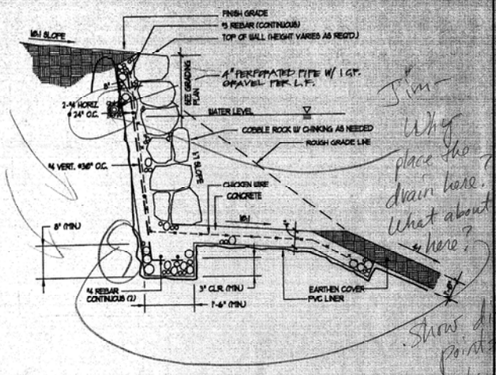
J TYPICAL GREEN & BUNKER DRAINAGE



G TYPICAL GREEN SECTION



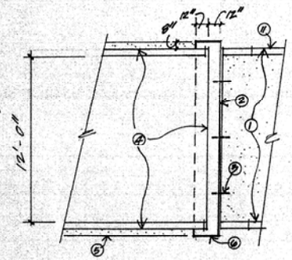
D TYPICAL BUNKER SECTION

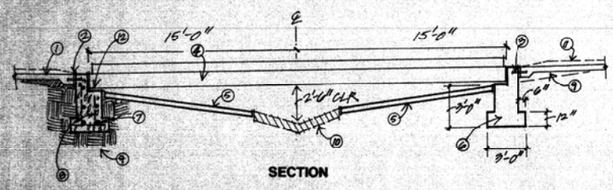


A ROCK RETAINING WALL SECTION

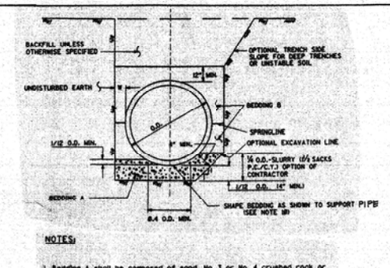
NOTES

1. CONCRETE GOLF PATH WITH 8" DEEP THICKENED EDGE
2. EXPANSION JOINT
3. 1/2" ROUND DOWELS W/ SLEEVE ON ONE END
4. "NACHO COMBO" BRIDGE 10' WIDE X 30' LONG W/CURBS BOTH SIDES AND CAPABLE OF SUPPORTING A LOAD OF 10,000 POUNDS – EXCEL BRIDGE, 12001 SHOEMAKER AVENUE, SANTA FE SPRINGS, CA 90670 (562) 944-4025
5. 4" CONCRETE APRON FROM TOP OF FOOTING TO CONCRETE SWALE – WIDTH TO BE SAME AS FOOTING WIDTH
6. CONCRETE FOOTING
7. #4 REBAR CONTINUOUS (5 PLACES)
8. #4 REBAR VERTICAL @ 2'-0" O.C. W/ ALT. BENDS INTO FOOTING
9. COMPACTED SUBGRADE PER SOIL REPORT
10. REPLACE CONCRETE SWALE IN-KIND AS NEEDED
11. CONCRETE CURB
12. BRIDGE CONNECTION TO FOOTING PER BRIDGE MANUFACTURER





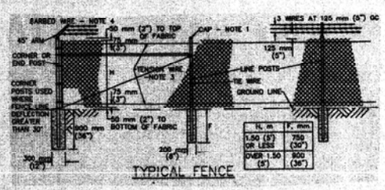
K BRIDGE @ CHANNEL



NOTES:

1. Bedding A shall be composed of sand, No. 3 or No. 4 crushed rock or gravel per Standard Specifications or other granular material as may be specified or approved by the Engineer.
2. Bedding B shall be composed of sand or other granular material as may be specified or approved by the Engineer and shall conform to Section 306-1.2J of the Standard Specifications.
3. Bedding B shall be compacted to a relative compaction of not less than 90 percent unless otherwise specified.
4. Bedding B shall be placed in two or more lifts for O.D. greater than 60 inches.
5. Backfill shall be per Section 306-1.3 of the Standard Specifications.
6. Where the cover is 3 feet or less, "B" dust be greater than or equal to 6 inches. Where the cover is greater than 3 feet, "B" must be between 6 and 12 inches inclusive for pipes up to and including 96 inches in diameter. For pipes over 96 inches in diameter, "B" dust be between 6 and 12 inches inclusive.
7. "B" shall include the thickness of any shoring.
8. Shoring shall be a minimum of 6 inches from the pipe at springline.
9. An approved bedding method shall be submitted to the Engineer for any "B" other than that permitted in note 6.
10. The trench bottom shall be shaped as shown, or the contractor, at his option may choose not to accept location "A" in which case, the pipe shall be backfilled to a depth of 1/4 O.D. min trench backfill slurry at his expense.

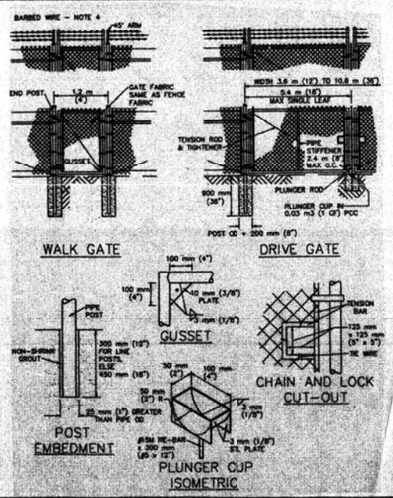
H PIPE BEDDING FOR PLASTIC PIPE BETWEEN LAKES



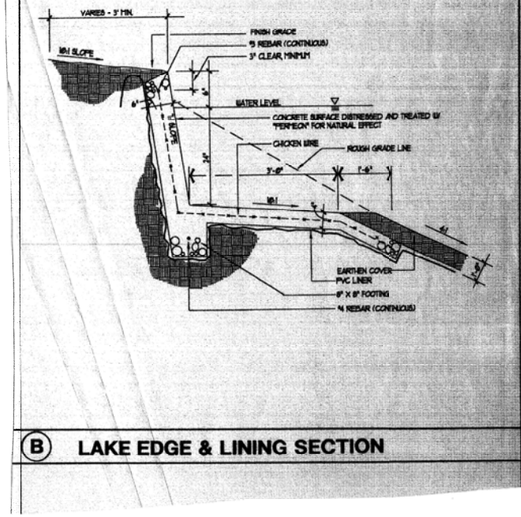
NOTES:

1. SECURE DRIVE-FIT GALVANIZED CAP TO POST WITH 6 mm (1/4") ROUND-HEAD RIVET.
2. H DENOTES FABRIC WIDTH AND NOMINAL FENCE HEIGHT. H = 1.5 m (5') UNLESS OTHERWISE NOTED.
3. IF FENCE WITH TOP RAIL IS SPECIFIED, DELETE STEEL TENSION WIRE AT TOP, AND PVC WALE AS INTERMEDIATE, SLOPE, END AND CORNER POSTS. EXTEND TENSION ROD TO TOP RAIL.
4. BARBED WIRE SHALL BE USED ONLY WHEN SPECIFIED.
5. POST SPACING IS MAXIMUM 3.0 m (10').
6. FILL CLEAR OPENINGS GREATER THAN 75 mm (3") WITH FABRIC. FOR OPENINGS LESS THAN 450 mm (18"), TIE FABRIC TO POSTS.
7. USE LINE POST FOR COMBINED SLOPE AND CORNER POST IF TOP OF CHANNEL WALL IS CONSTRUCTED AS SHOWN FOR "ALTERNATE".
8. STEEL BANDS AT TENSION BARS SHALL BE 3 mm X 25 mm (1/8" x 1"), MINIMUM, SPACED AT MAXIMUM 400 mm (16").
9. DIMENSIONS SHOWN ON THIS PLAN FOR METRIC AND ENGLISH UNITS ARE NOT EXACT EQUAL VALUES. IF METRIC UNITS ARE USED, ALL VALUES USED FOR CONSTRUCTION SHALL BE METRIC VALUES. IF ENGLISH UNITS ARE USED, ALL VALUES USED FOR CONSTRUCTION SHALL BE ENGLISH VALUES. HOWEVER, ASTM 615 REINFORCING STEEL MAY BE SUBSTITUTED FOR ASTM 615M STEEL.

L TYPICAL CHAIN LINK FENCE (2 OF 2)



I TYPICAL CHAIN LINK FENCE (1 OF 2)



B LAKE EDGE & LINING SECTION

REVISIONS	BY
4/23/99	
May 10, 1999	

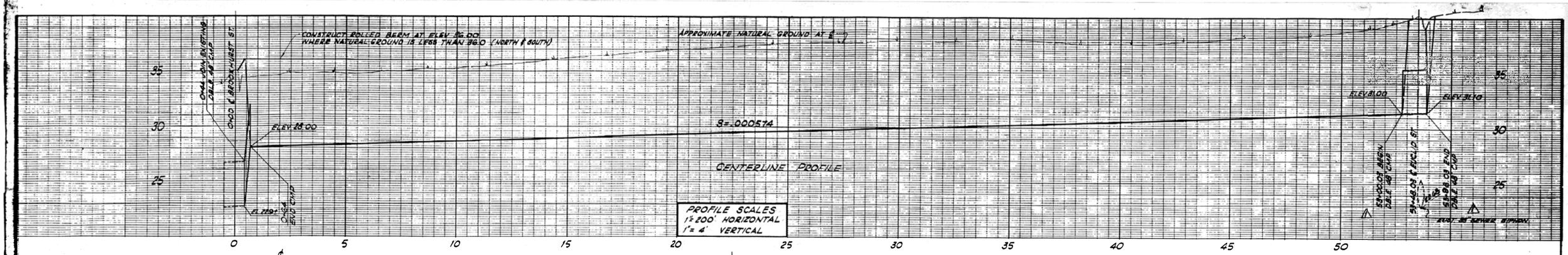
RAINVILLE-BYE GOLF COURSE ARCHITECTS
150 W. MAIN STREET, SUITE 11, TUSTIN, CA 92780
TEL 714/838-7200 FAX 714/838-4115

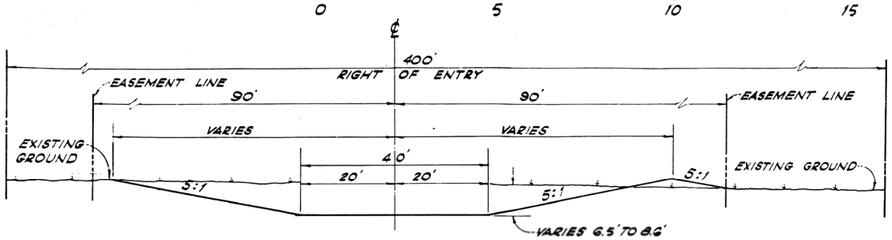
Jim
Why place the drain here? What about here?
Show discharge point on the plan.

MILE SQUARE GOLF COURSE
RENOVATION AND EXPANSION PLANS

APPENDIX 2

Ocean View – Warner Channel As-Built Plans





TYPICAL SECTION
NO SCALE

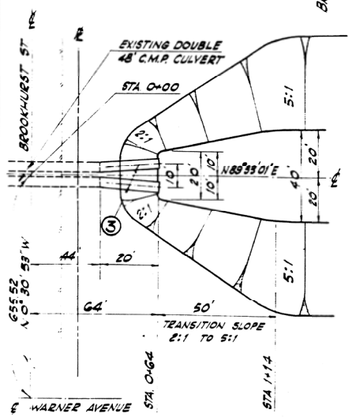
SCALE 1"=200'

STA. 19+81.33 A.C.
N 26°32'59" W (Rad.)

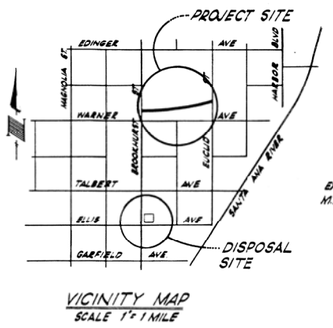
STA. 26+16.30 E.C.
N 12°24'36" W (Rad.)

℄ CURVE DATA
Δ = 12°07'37"
L = 634.97'
T = 318.67'
R = 3000'

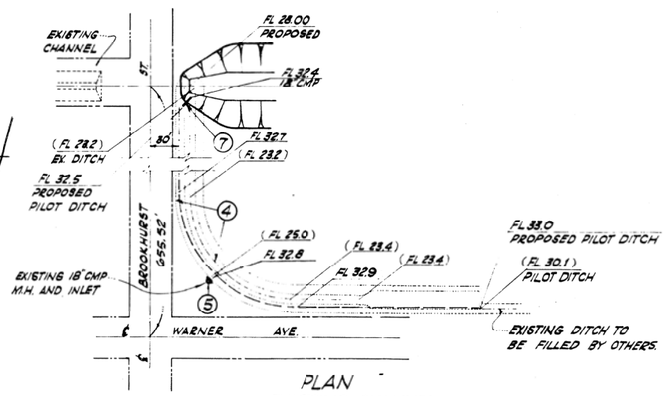




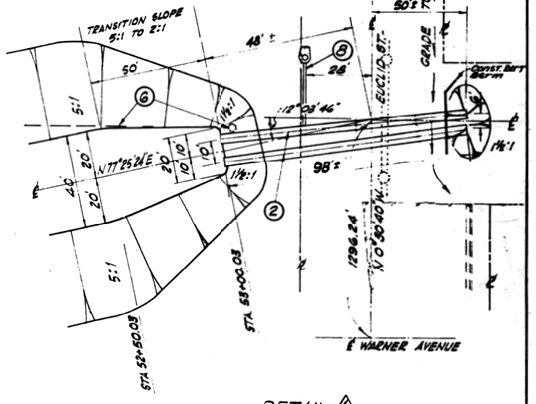
DETAIL
SCALE 1"=30'



VICINITY MAP
SCALE 1"= 1 MILE



PLAN
EXISTING CHANNEL
SCALE 1"=100'



DETAIL ⚠
SCALE 1"=30'

CONSTRUCTION NOTES:

1. CONSTRUCT 5324± L.F. OF DRAINAGE CHANNEL
2. PLACE 98 ± L.F. DOUBLE 48" CMP CULVERT. ⚠ (CMP FURNISHED BY OTHERS)
3. PLACE 20 L.F. DOUBLE 48" CMP CULVERT TO JOIN EXISTING. (CMP FURNISHED BY OTHERS)
4. BACKFILL EXISTING CHANNEL AND EXTEND PILOT DITCH TO 18" CMP INLET AT NEW CHANNEL (V-DITCH W/1½:1 SLOPES)
5. REMOVE CMP M.H. AND 18" CMP INLET AND SALVAGE FOR THE CITY
6. REMOVE AND SALVAGE EXISTING 2" GATE VALVE & REMOVE IRRIGATION LINE.
7. PLACE 30± L.F. 18" CMP INLET (3' A.C. APRON & CMP FURNISHED BY OTHERS)
8. PLACE 30± L.F. 18" CMP INLET (3' A.C. APRON & CMP FURNISHED BY OTHERS)

REVISIONS				
NUMBER	DATE	INITIALS		APPROVED
1	5-11-64	R Young	CHANGED DEMENSIONS, STATIONS & SLOPE ON EUCLID CULVERT	M.C.H.

REFERENCES

DRAWN BY: R YOUNG Aug 3 1964
CHECKED BY: R.A.R. 8-3-64

BENCH MARK No 1D-12-57
LOCATION: O.C.S. BM: Tag stamped "R.E. 7872" S.W. of the int. of Warner and Ward - 40' So. of the ℄ of Warner Ave., - 40' W. of the ℄ of Ward St. in the N.W. end of gas pump island.
ELEVATION: 36.957 (61)

CITY OF FOUNTAIN VALLEY, CALIFORNIA

APPROVALS

Marvin C. Hopkins 8/3/64
CITY ENGINEER RCE 12485 DATE

RECOMMENDED FOR APPROVAL BY: [illegible] DATE 8-3-64

IMPROVEMENT PLANS FOR

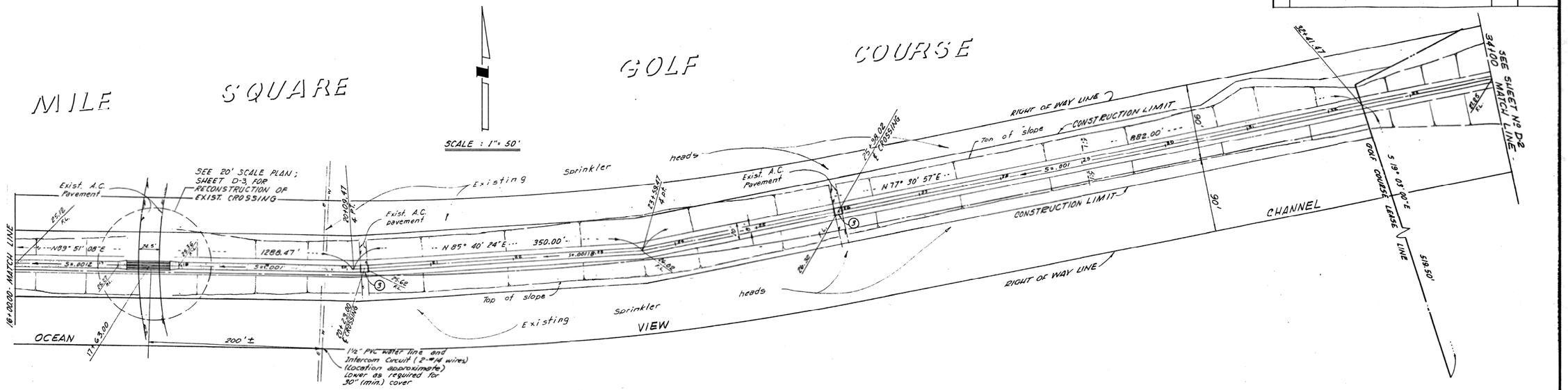
WARNER CHANNEL FROM BROOKHURST ST. TO EUCLID ST.

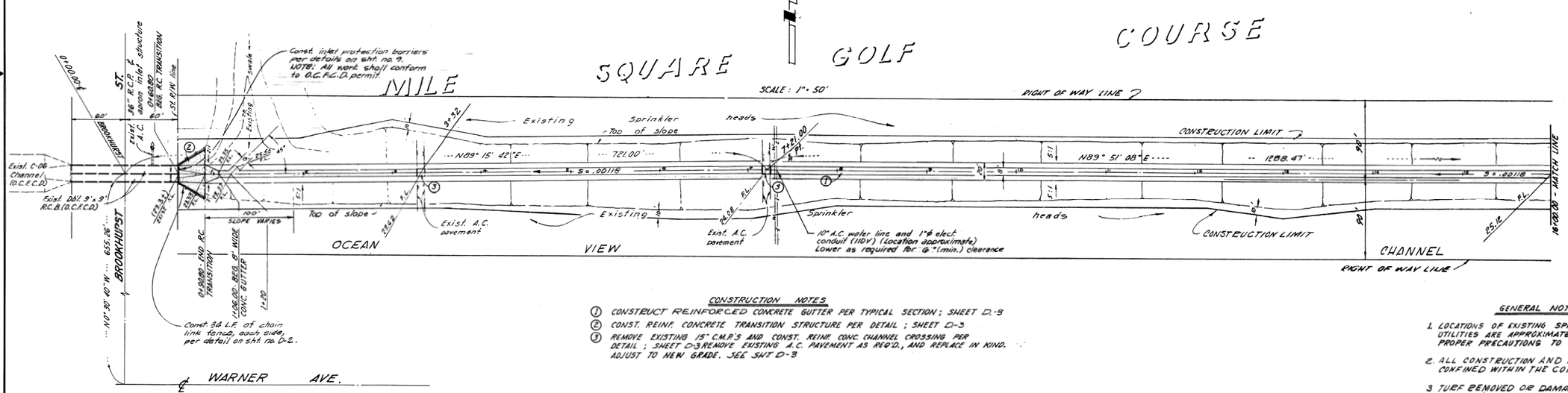
C06-403-3A

SHEET 1 OF 1
DRAWING NO:

LIETZ 1384 5-64

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED





CONSTRUCTION NOTES

1. CONSTRUCT REINFORCED CONCRETE GUTTER PER TYPICAL SECTION ; SHEET D-3
2. CONST. REINF. CONCRETE TRANSITION STRUCTURE PER DETAIL ; SHEET D-3
3. REMOVE EXISTING 15" C.M.P.'S AND CONST. REINF. CONC. CHANNEL CROSSING PER DETAIL ; SHEET D-3. REMOVE EXISTING A.C. PAVEMENT AS REQ'D., AND REPLACE IN KIND. ADJUST TO NEW GRADE. SEE SHT D-3

GENERAL NOTES

1. LOCATIONS OF EXISTING SPRINKLER HEADS AND UNDERGROUND UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL EXERCISE PROPER PRECAUTIONS TO AVOID INJURY OR DAMAGE THERETO.
2. ALL CONSTRUCTION AND EQUIPMENT SHALL BE GENERALLY CONFINED WITHIN THE CONSTRUCTION LIMITS SHOWN
3. TURF REMOVED OR DAMAGED BETWEEN TOP OF CHANNEL SLOPE & CONSTRUCTION LIMIT OR OUTSIDE THESE LIMITS SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

CITY OF FOUNTAIN VALLEY

APPROVED : Wayne S. Dalton 1-10-69 DATE

BENCH MARK

F.V. 12-62
O.C.S. MON. IN WELL @ ℄ INT. OF HEIL AVE. & BROOKHURST ST.
EL. 96.95

PREPARED UNDER THE SUPERVISION OF: Joseph K. Stanley 1/1/69 JOSEPH W. PENDERGAST C.E. #12432

VTN

DES. D.L.	DR. D.L.	CHK. J.P.	
SUPV. J.P.	CH. ENGR. J.P.		
SUBMITTED BY (FIRM MEMBER) (TITLE)	VICE PRESIDENT	DATE	
PDE	FIRE PROT.		
BR. MGR.	DIR. ENG.		
SATISFACTORY TO			
TITLE		DATE	
APPROVED FOR COUNTY		DATE	

BUILDING SERVICES DEPARTMENT
COUNTY OF ORANGE
SANTA ANA, CALIFORNIA

DEPARTMENT
ADDRESS
TITLE MILE SQUARE REGIONAL PARK PHASE I
OCEAN VIEW CHANNEL

JOB NO. | BUILDING PLAN NO.
SCALE: AS SHOWN | CONTRACT NO. | SHEET D-1 OF 9

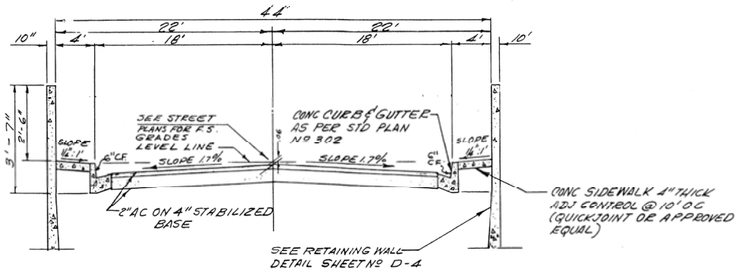
C06-403-3A

AS BUILT

SECTION 3

PLAN FOLLOW SUPERVISION • PRINCIPLES
RECORDED BY HAMMER COPIER
DIETERICH-POST CLEARPRINT 3000H

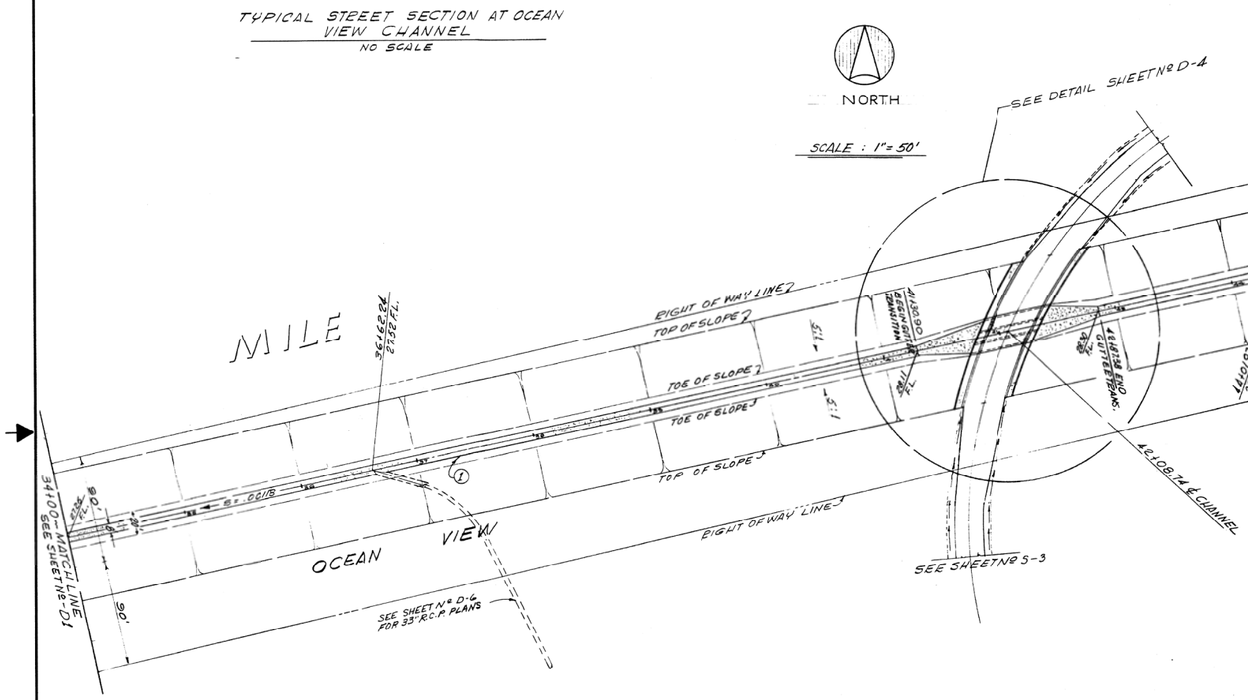
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

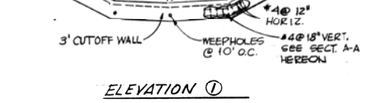


TYPICAL STREET SECTION AT OCEAN VIEW CHANNEL
NO SCALE

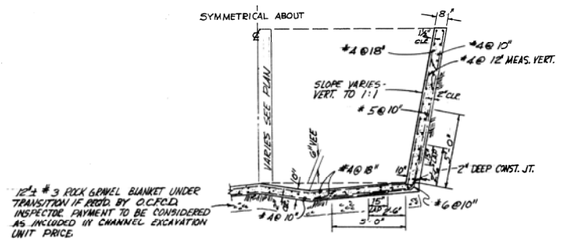
NORTH

SCALE : 1"= 50'

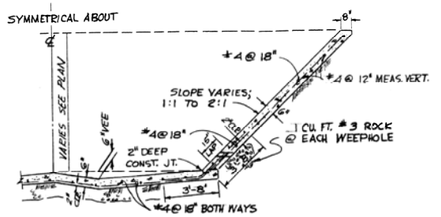




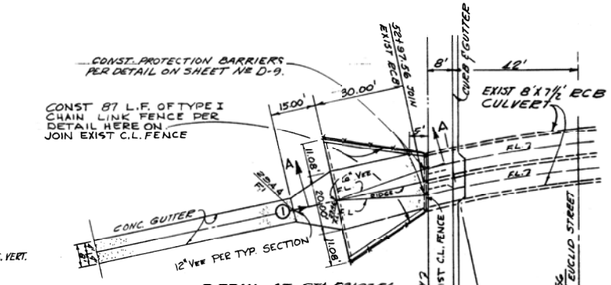
ELEVATION ①



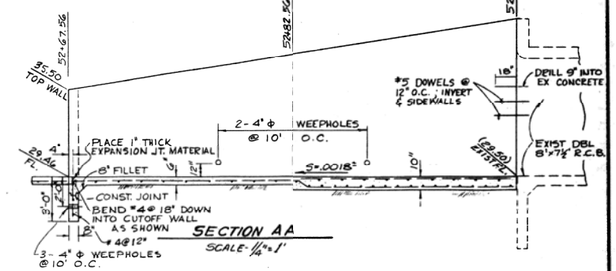
TYPICAL SECTION- R.C. TRANSITION
STA. 52+97.56 TO STA. 52+82.56



TYPICAL SECTION- R.C. TRANSITION
STA. 52+82.56 TO STA. 52+67.56



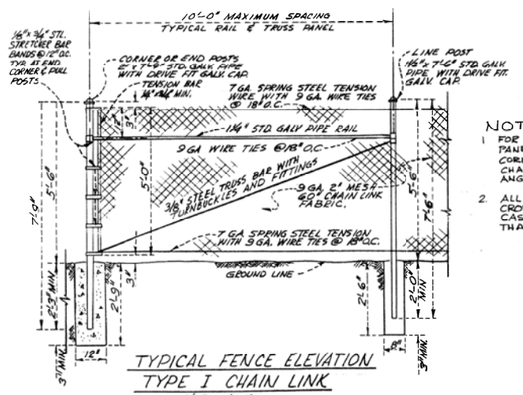
DETAIL AT STA 52+97.56
SCALE 1"=20'



SECTION AA
SCALE- ½"=1'

CONSTRUCTION NOTES

① CONST. REINF. CONC. GUTTER PER TYPICAL SECTION ; SHT. D-3



TYPICAL FENCE ELEVATION
TYPE I CHAIN LINK
SCALE ½" = 1'-0"

NOTES:

1. FOR CORNERS, TYPICAL RAIL & TRUSS PANEL TO JOIN POST IN BOTH DIRECTIONS. CORNER POST SHALL BE INSTALLED AT CHANGES IN LINE WITH DEFLECTION ANGLE GREATER THAN 5°.
2. ALL CONCRETE FOOTINGS SHALL BE CROWNED ABOVE GROUND LINE, IN NO CASE SHALL TOP OF FOOTING BE MORE THAN 3" BELOW CHAIN LINK FABRIC.

PREPARED UNDER THE SUPERVISION OF:
Ray J. Chapman DATE 7-1-98
RAY J. CHAPMAN - R.C.E. No. 18155

DES. G.G.	DR. G.G.	CHK. C.L.	
SUPV. E.G.	CH. ENGR. E.G.		
SUBMITTED BY		DATE	
FIRM MEMBER (TITLE)		DATE	
PDE	FIRE PROT.		
BR. MGR.	DIR. ENG.		
SATISFACTORY TO			
TITLE		DATE	
APPROVED FOR COUNTY		DATE	

BUILDING SERVICES DEPARTMENT
COUNTY OF ORANGE
SANTA ANA, CALIFORNIA

DEPARTMENT
ADDRESS
TITLE MILE SQUARE REGIONAL PARK PHASE I
OCEAN VIEW CHANNEL

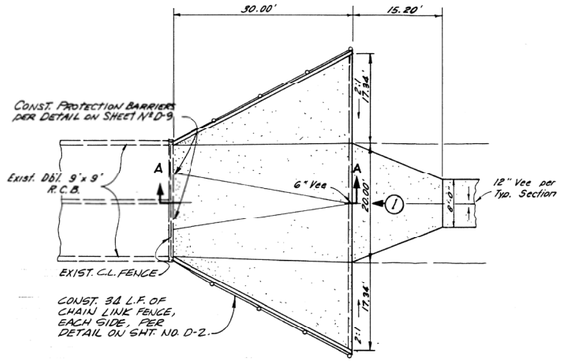
JOB NO. | BUILDING PLAN NO.
SCALE AS SHOWN | CONTRACT NO. | SHEET D-2 OF 9

C06-403-3A

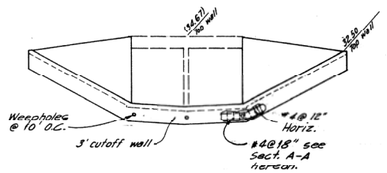
AS BUILT

SECTION 3

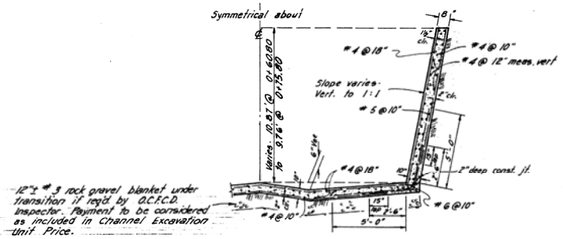
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



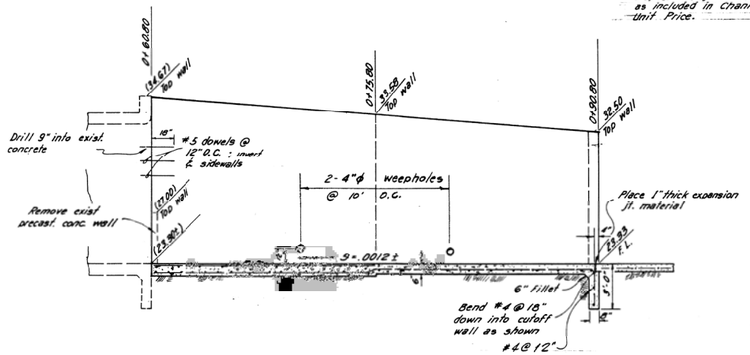
PLAN
SCALE : 1"=10'



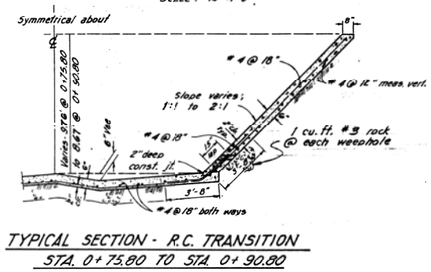
ELEVATION ①
SCALE : 1"=10'



TYPICAL SECTION - R.C. TRANSITION
STA. 0+60.80 TO STA. 0+75.80
SCALE : 1/4"=1'-0"

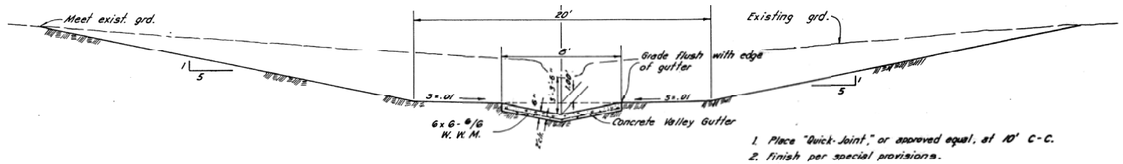


SECTION A-A
SCALE : 1/4"=1'-0"



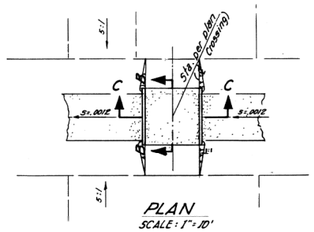
TYPICAL SECTION - R.C. TRANSITION
STA. 0+75.80 TO STA. 0+90.80

DETAILS : REINF. CONC. TRANSITION STRUCTURE TO JOIN EXIST. R.C.B.

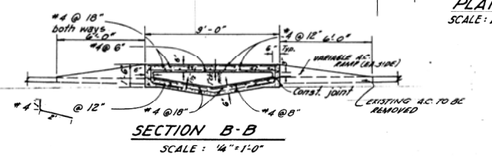


1. Place "Quick-Joint," or approved equal, at 10' C-C.
2. Finish per special provisions.

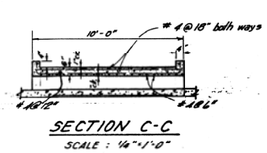
TYPICAL CHANNEL SECTION
SCALE : 1/4"=1'-0"



PLAN
SCALE : 1"=10'

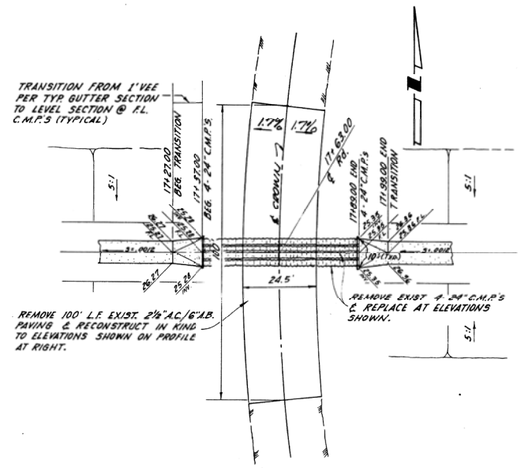


SECTION B-B
SCALE : 1/4"=1'-0"

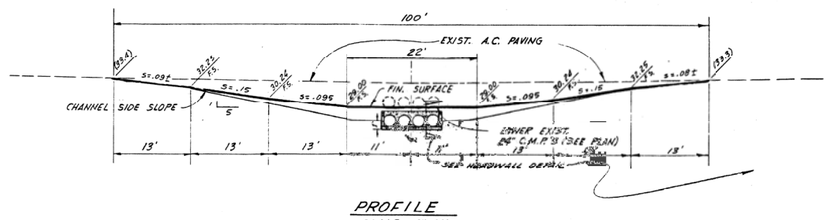


SECTION C-C
SCALE : 1/4"=1'-0"

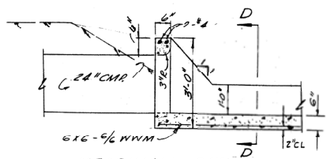
DETAILS : REINF. CONC. CHANNEL CROSSING



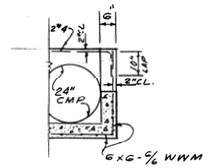
PLAN
SCALE : 1"=20'



PROFILE
SCALE : 1"=10'



HEADWALL DETAIL
SCALE : 1/2"=1'-0"



SECTION D-D
SCALE : 1/2"=1'-0"

RECONSTRUCTION DETAILS - ROAD CROSSING @ STA. 17+63

DES. B.L.	DR. B.L.	CHK. J.P.	
SUPV. J.P.		CH. ENGR. J.P.	
SUBMITTED BY		DATE	
FIRM MEMBER (TITLE) VICE PRESIDENT			
PDE		FIRE PROT.	
BR. MGR.		DIR. ENG.	
SATISFACTORY TO			
TITLE		DATE	
APPROVED FOR COUNTY		DATE	

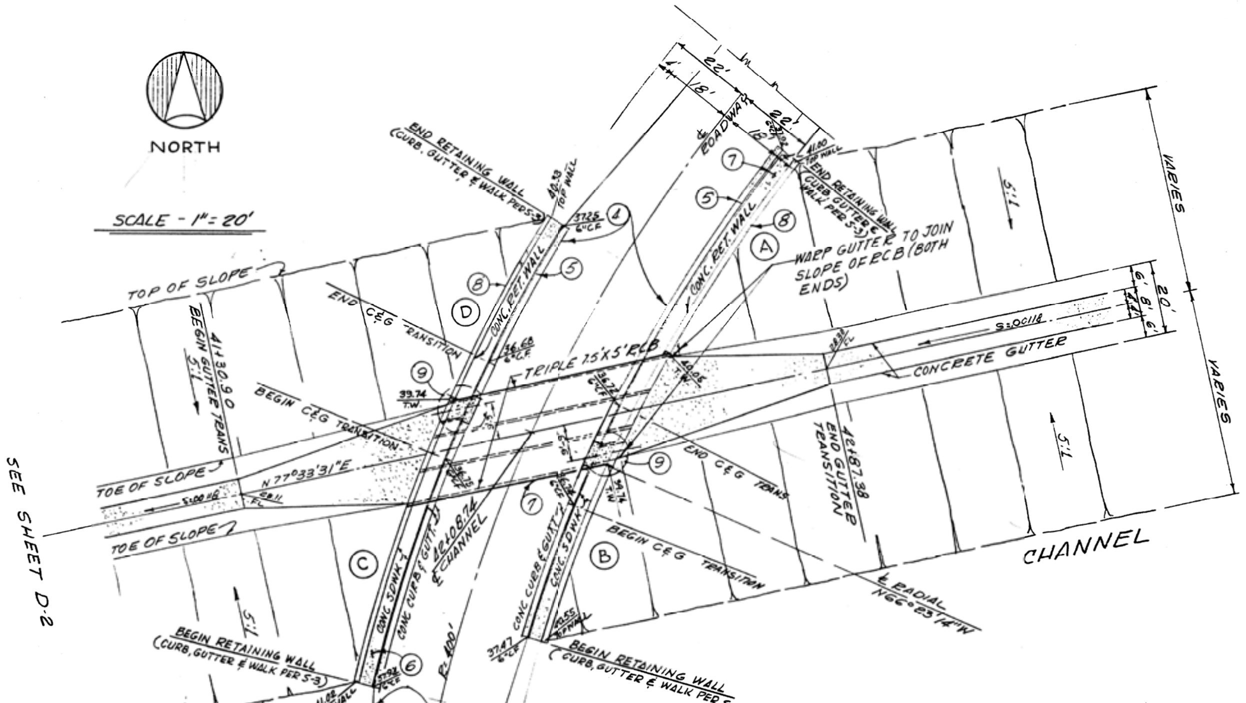
BUILDING SERVICES DEPARTMENT
COUNTY OF ORANGE
SANTA ANA, CALIFORNIA

DEPARTMENT
ADDRESS
TITLE MILE SQUARE REGIONAL PARK PHASE I
DETAILS
JOB NO. | BUILDING PLAN NO.
SCALE : AS NOTED | CONTRACT NO. | SHEET D-3 OF 9
SECTION 3

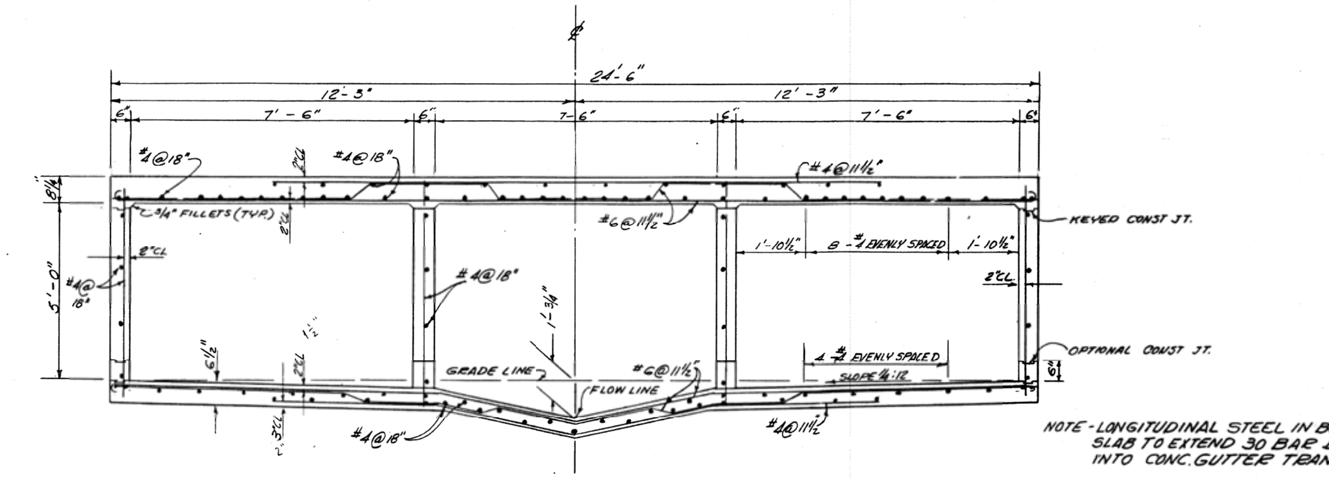
C06-403-3A AS BUILT

6/85 DIETERICH-POST CLEARPRINT 1000H

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

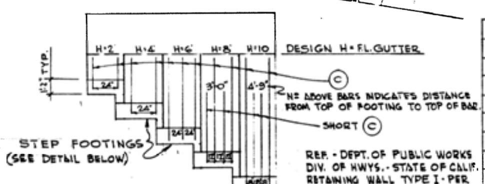


PLAN
CHANNEL CROSSING - STA. 42+08.74
SCALE: 1" = 20'



NOTE - LONGITUDINAL STEEL IN BOTTOM SLAB TO EXTEND 30 BAR DIA. INTO CONC. GUTTER TRANS.

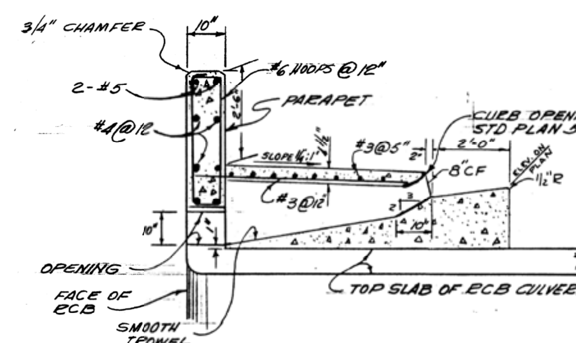
TYPICAL SECTION - TRIPLE 7.5' X 5' R.C.B.
SCALE - 1/2" = 1'-0"



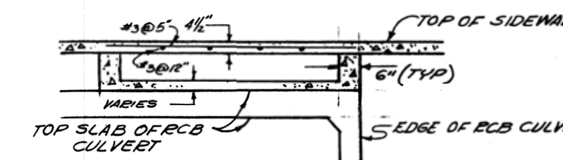
ELEVATION

REF. - DEPT. OF PUBLIC WORKS DIV. OF HWYS. - STATE OF CALIF. RETAINING WALL TYPE I - PER STD. PLAN B3-1 - EXCEPT AS INDICATED HEREON.

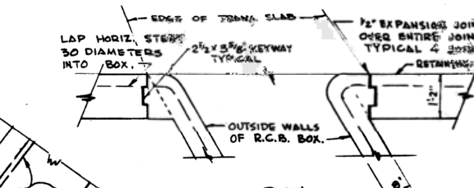
TABLE OF REINFORCING STEEL DIMENSIONS & DATA					
DESIGN H	2'	4'	6'	8'	10'
W	2'-6"	3'-2"	4'-2"	5'-2"	6'-2"
C	8"	1'-0"	1'-4"	1'-8"	2'-0"
B	1'-10"	2'-2"	2'-10"	3'-6"	4'-2"
(c) bars	#5@24"	#5@24"	#5@24"	#5@12	#5@8
(d) bars	#5@24	#5@24	#5@24	#4@12	#4@8



SECTION A-A
SCALE - 1/2" = 1'

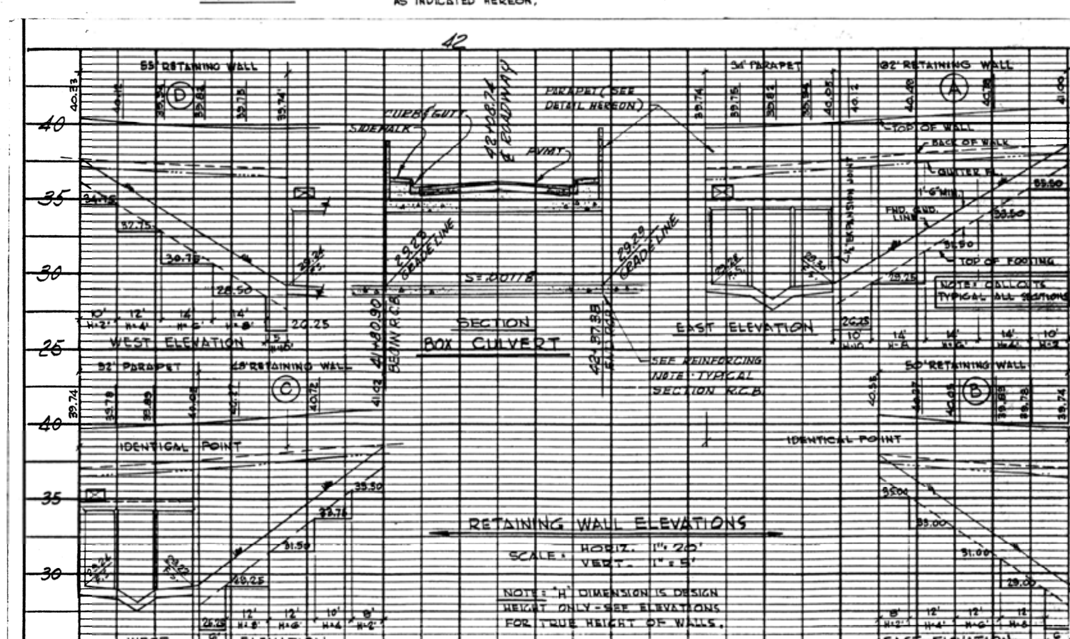


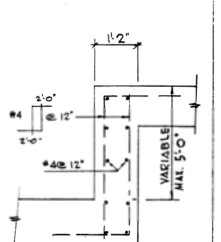
SECTION B-B
SCALE - 1/2" = 1'



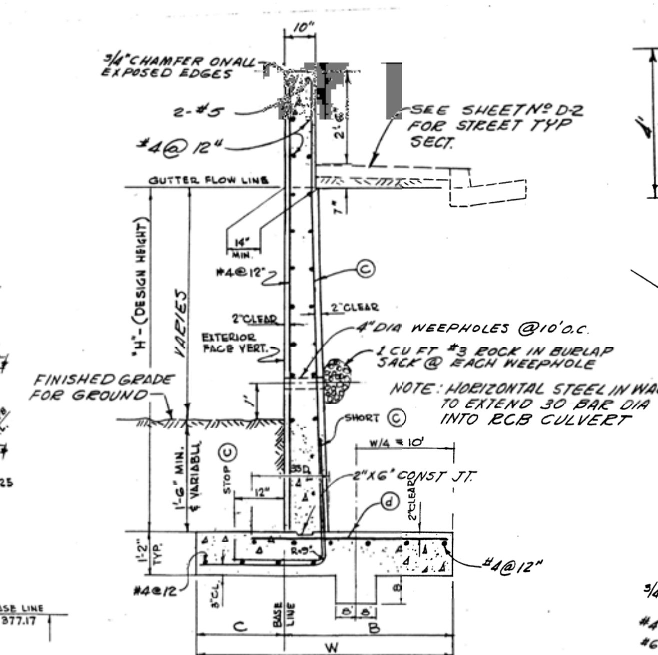
PLAN
JOINT DETAIL - WALLS TO RCB.

NOTE: ALL EXPOSED SURFACES OF RETAINING AND PARAPET WALLS SHALL BE ROUGH BOARD FINISH.

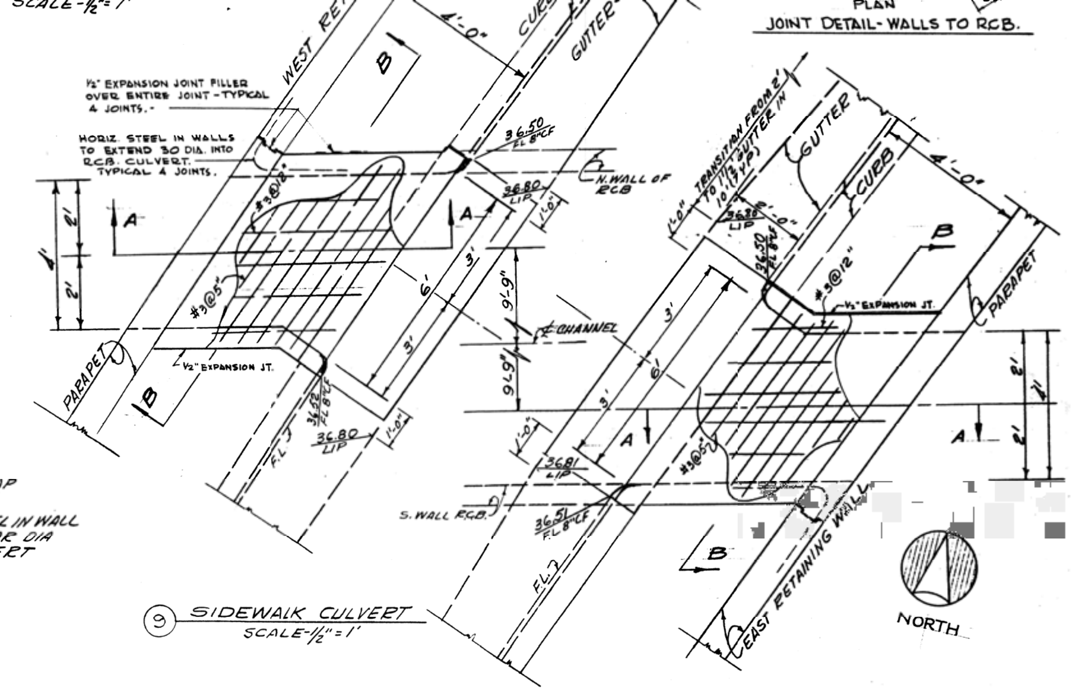




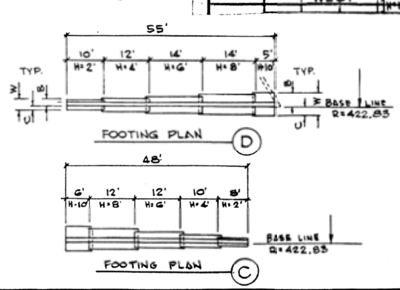
SECTION
STEP FOOTING
NO SCALE



TYPICAL SECTION REINFORCED CONCRETE RETAINING WALL (8)
NO SCALE



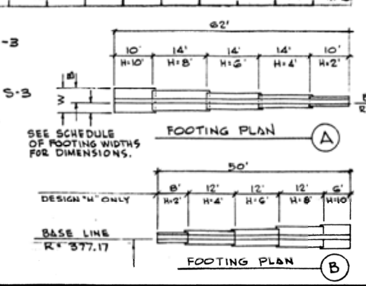
(9) SIDEWALK CULVERT
SCALE - 1/2" = 1'



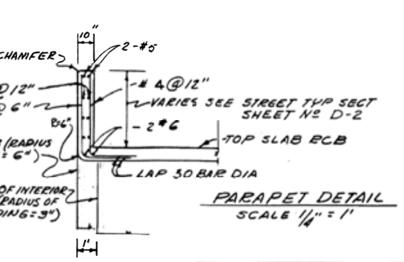
CONSTRUCTION NOTES

(4) — CONST. 2" AC ON 5" STABILIZED BASE AS PER TYPICAL SECTION SHEET NO. D-3
(5) — CURB & GUTTER TYPE "D" AS PER STD PLAN 302. SEE SHEET S-3
(6) — CONC. SIDEWALK AS PER TYPICAL SECTION SHEET NO. D-3. SEE SHEE S-3
(7) — CONST. TRIPLE 7.5' X 5' REINFORCED CONCRETE BOX CULVERT AS PER TYPICAL SECTION HEREON.
(8) — CONST. REINFORCED CONCRETE RETAINING WALL AS PER TYPICAL SECTION HEREON.
(9) — CONST. SIDEWALK CULVERT AS PER DETAIL HEREON.

NOTE:
BASE LINE OF ALL WALLS ARE CURVED TO RADIUS SHOWN.



SEE SCHEDULE OF FOOTING WIDTHS FOR DIMENSIONS.



PARAPET DETAIL
SCALE 1/4" = 1'

VTN	BUILDING SERVICES DEPARTMENT COUNTY OF ORANGE SANTA ANA, CALIFORNIA
DES. GG · DR. GG · CHK. C.L.	DEPARTMENT
SUPV. EB · CH. ENGR. JEC	ADDRESS
SUBMITTED BY [signature] DATE 8-25-69	TITLE MILE SQUARE REGIONAL PARK PHASE I
FIRM MEMBER (TITLE) VICE PRESIDENT	DETAILS
PDE · FIRE PROT.	
BR. MGR. · DIR. ENG.	
SATISFACTORY TO	JOB NO. · BUILDING PLAN NO.
TITLE · DATE	
APPROVED FOR COUNTY [signature] DATE 9/24/69	SCALE AS SHOWN · CONTRACT NO. · SHEET D-4 OF 9

SECTION 3

C06-403-3A AS BUILT

6/65 DIETERICH-POST CLEARPRINT 1000H

APPENDIX 3

USDA Web Soil Survey

United States Department of Agriculture

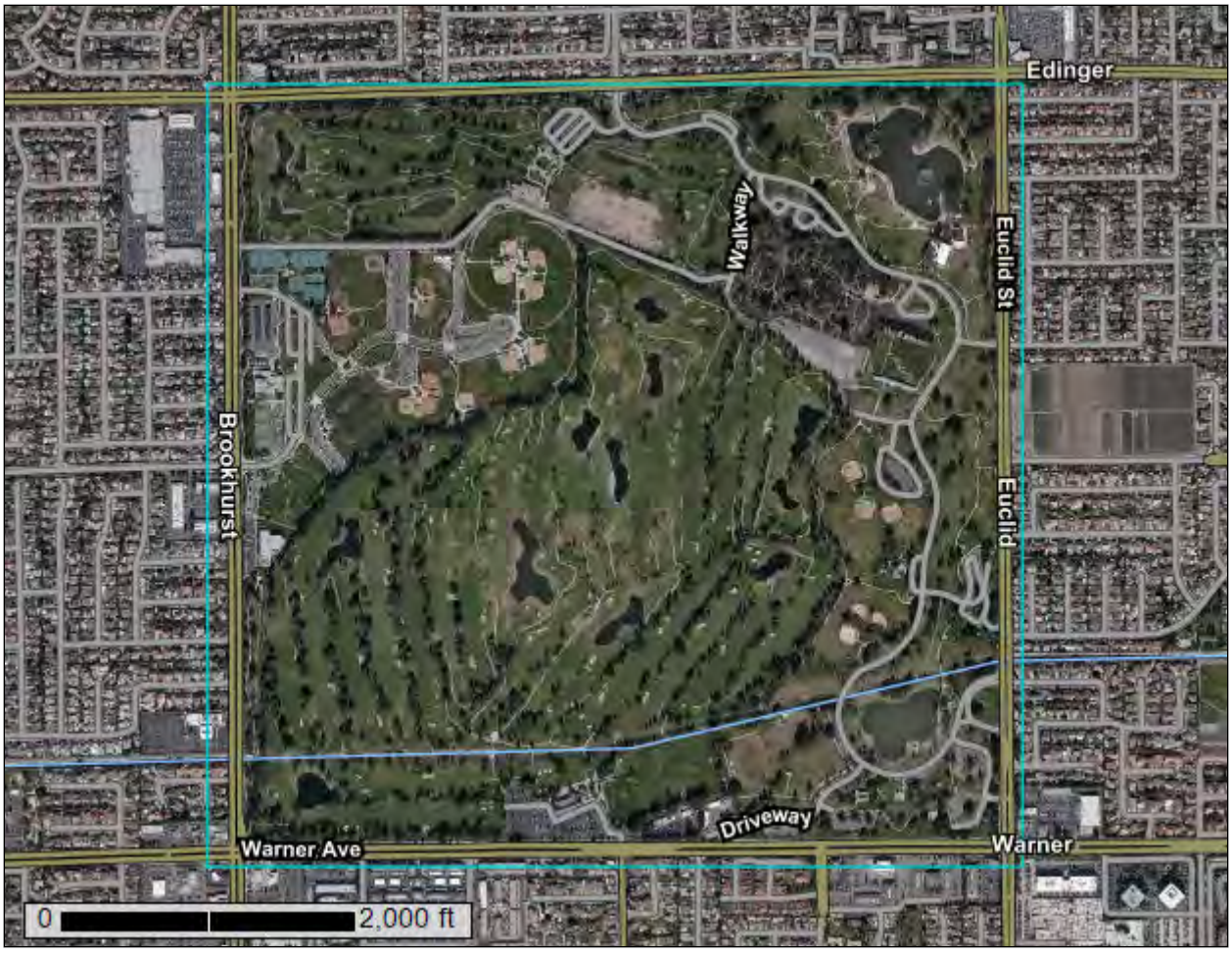
NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Orange County and Part of Riverside County, California

Mile Square Park



October 26, 2020

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



Map Scale: 1:13,800 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 200 400 800 1200

Feet: 0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Orange County and Part of Riverside County, California
Survey Area Data: Version 14, May 27, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 13, 2018—Jan 25, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND

MAP INFORMATION

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend (MISQ)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
123	Bolsa silt loam, drained	90.0	13.1%
158	Hueneme fine sandy loam, drained	494.0	72.1%
163	Metz loamy sand	41.5	6.1%
164	Metz loamy sand, moderately fine substratum	54.7	8.0%
W	Water	4.6	0.7%
Totals for Area of Interest		**684.7**	**100.0%**

Map Unit Descriptions (MISQ)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate

pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Orange County and Part of Riverside County, California

123—Bolsa silt loam, drained

Map Unit Setting

National map unit symbol: hclz
Elevation: 0 to 680 feet
Mean annual precipitation: 11 to 15 inches
Mean annual air temperature: 62 to 65 degrees F
Frost-free period: 360 to 365 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Bolsa and similar soils: 70 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Bolsa

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium derived from igneous, metamorphic and sedimentary rock

Typical profile

Ap1 - 0 to 6 inches: silt loam
Ap2 - 6 to 12 inches: silt loam
C1 - 12 to 18 inches: silt loam
C2 - 18 to 29 inches: silt loam
C3 - 29 to 39 inches: silty clay loam
C4 - 39 to 49 inches: silty clay loam
C5 - 49 to 55 inches: silty clay loam
Cg - 55 to 69 inches: silty clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat poorly drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: High (about 11.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: C

Hydric soil rating: No

Minor Components

Hueneme, fine sandy loam

Percent of map unit: 10 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Chino, silty clay loam

Percent of map unit: 10 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Metz, loamy sand

Percent of map unit: 4 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Omni, drained

Percent of map unit: 2 percent
Landform: Flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

San emigdio, fine sandy loam

Percent of map unit: 2 percent
Landform: Flood plains
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Bolsa, sandy loam overwash

Percent of map unit: 2 percent
Landform: Alluvial fans
Landform position (three-dimensional): Talf
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

158—Hueneme fine sandy loam, drained

Map Unit Setting

National map unit symbol: hcn3
Elevation: 0 to 430 feet
Mean annual precipitation: 15 inches
Mean annual air temperature: 64 degrees F
Frost-free period: 300 to 350 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Hueneme and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Hueneme

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Stratified alluvium derived from sedimentary rock

Typical profile

H1 - 0 to 27 inches: fine sandy loam
H2 - 27 to 60 inches: stratified sand to silt loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 1 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Available water capacity: Moderate (about 9.0 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 3c
Hydrologic Soil Group: A
Hydric soil rating: Yes

Minor Components

San emigdio, fine sandy loam
Percent of map unit: 5 percent
Hydric soil rating: No

Bolsa, silt loam, drained
Percent of map unit: 5 percent
Hydric soil rating: No

Hueneme, fine sandy loam
Percent of map unit: 5 percent
Hydric soil rating: No

163—Metz loamy sand

Map Unit Setting
National map unit symbol: hcn8
Elevation: 30 to 2,500 feet
Mean annual precipitation: 20 inches
Mean annual air temperature: 57 to 61 degrees F
Frost-free period: 200 to 340 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition
Metz and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Metz

Setting
Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Side slope
Down-slope shape: Concave
Across-slope shape: Convex
Parent material: Alluvium derived from mixed

Typical profile
H1 - 0 to 17 inches: loamy sand
H2 - 17 to 63 inches: stratified sand to fine sandy loam

Properties and qualities
Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches

Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 5.4 inches)

Interpretive groups

Land capability classification (irrigated): 2s
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Ecological site: R019XD035CA
Hydric soil rating: No

Minor Components

San emigdio, fine sandy loam

Percent of map unit: 4 percent
Hydric soil rating: No

Hueneme, fine sandy loam

Percent of map unit: 4 percent
Hydric soil rating: No

Riverwash

Percent of map unit: 4 percent
Landform: Fans
Hydric soil rating: Yes

Corralitos, loamy sand

Percent of map unit: 4 percent
Hydric soil rating: No

Metz, mod fine substratum

Percent of map unit: 4 percent
Hydric soil rating: No

164—Metz loamy sand, moderately fine substratum

Map Unit Setting

National map unit symbol: hcn9
Elevation: 0 to 600 feet
Mean annual precipitation: 12 to 17 inches
Mean annual air temperature: 63 to 65 degrees F
Frost-free period: 320 to 365 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Metz and similar soils: 75 percent
Minor components: 25 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Metz

Setting

Landform: Alluvial fans, flood plains
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Mixed alluvium derived from igneous, metamorphic and sedimentary rock

Typical profile

A - 0 to 17 inches: loamy sand
C1 - 17 to 40 inches: stratified sand to sandy clay loam
C2 - 40 to 46 inches: silty clay loam
C3 - 46 to 60 inches: stratified sand to sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Somewhat excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water capacity: Low (about 5.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B
Ecological site: R019XD035CA
Hydric soil rating: No

Minor Components

Metz, loamy sand

Percent of map unit: 10 percent
Landform: Alluvial fans, flood plains
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Hueneme, fine sandy loam

Percent of map unit: 5 percent
Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

San emigdio

Percent of map unit: 5 percent

Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

Corralitos, loamy sand
Percent of map unit: 5 percent
Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Hydric soil rating: No

W—Water

Map Unit Composition
Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

APPENDIX 4

Existing Condition Hydrology

```
****************************************************************************
            RATIONAL METHOD HYDROLOGY COMPUTER PROGRAM PACKAGE
           (Reference: 1986 ORANGE COUNTY HYDROLOGY CRITERION)
        (c) Copyright 1983-2016 Advanced Engineering Software (aes)
            Ver. 23.0  Release Date: 07/01/2016  License ID 1355

                        Analysis prepared by:

                          fuscoe engineering
                           16795 Von Karman
                              Suite 100
                              Irvine, CA

 ************************ DESCRIPTION OF STUDY *************************
* Mile Square Park                                                      *
* Existing Condition                                                    *
* 10-year storm event                                                   *
 ************************************************************************

  FILE NAME: MSPEX10.DAT
  TIME/DATE OF STUDY: 18:29 10/27/2020
============================================================================
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
============================================================================
                    --*TIME-OF-CONCENTRATION MODEL*--

  USER SPECIFIED STORM EVENT(YEAR) =   10.00
  SPECIFIED MINIMUM PIPE SIZE(INCH) =   4.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 0.90
  *DATA BANK RAINFALL USED*
  *ANTECEDENT MOISTURE CONDITION (AMC) II ASSUMED FOR RATIONAL METHOD*

  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*
  *USER-SPECIFIED MINIMUM TOPOGRAPHIC SLOPE ADJUSTMENT NOT SELECTED

****************************************************************************
  FLOW PROCESS FROM NODE    101.00 TO NODE    102.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
  >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<      A1
============================================================================
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   298.00
  ELEVATION DATA: UPSTREAM(FEET) =     49.50  DOWNSTREAM(FEET) =     41.60

  Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20
  SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =    9.749
```

A1

```
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.769
 SUBAREA Tc AND LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS   Tc
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
 PUBLIC PARK                A        0.35      0.40     0.850    32    9.75
 NATURAL GOOD COVER
 "GRASS"                    A        0.35      0.40     1.000    38   18.87
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA RUNOFF(CFS) =      1.51
 TOTAL AREA(ACRES) =      0.70   PEAK FLOW RATE(CFS) =      1.51

****************************************************************************
 FLOW PROCESS FROM NODE    102.00 TO NODE    103.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    39.80  DOWNSTREAM(FEET) =    36.90
 FLOW LENGTH(FEET) =   142.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   3.84
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   4.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       1.51
 PIPE TRAVEL TIME(MIN.) =   0.62    Tc(MIN.) =   10.37
 LONGEST FLOWPATH FROM NODE    101.00 TO NODE    103.00 =     440.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    103.00 TO NODE    103.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   10.37
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.673
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        0.75      0.40     1.000    38
 PUBLIC PARK                A        0.75      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    1.50      SUBAREA RUNOFF(CFS) =    3.11
 EFFECTIVE AREA(ACRES) =      2.20   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        2.2       PEAK FLOW RATE(CFS) =       4.56

****************************************************************************
 FLOW PROCESS FROM NODE    103.00 TO NODE    104.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    36.90  DOWNSTREAM(FEET) =    35.00
 FLOW LENGTH(FEET) =   297.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.82
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
```

A2

```
 GIVEN PIPE DIAMETER(INCH) =   6.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       4.56
 PIPE TRAVEL TIME(MIN.) =   1.76    Tc(MIN.) =   12.12
 LONGEST FLOWPATH FROM NODE    101.00 TO NODE    104.00 =     737.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    104.00 TO NODE    104.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   12.12
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.444
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        2.10      0.40     1.000    38
 PUBLIC PARK                A        2.10      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    4.20      SUBAREA RUNOFF(CFS) =    7.84
 EFFECTIVE AREA(ACRES) =      6.40   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        6.4       PEAK FLOW RATE(CFS) =      11.95

****************************************************************************
 FLOW PROCESS FROM NODE    104.00 TO NODE    105.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    35.00  DOWNSTREAM(FEET) =    33.60
 FLOW LENGTH(FEET) =   461.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.35
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   8.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      11.95
 PIPE TRAVEL TIME(MIN.) =   3.27    Tc(MIN.) =   15.39
 LONGEST FLOWPATH FROM NODE    101.00 TO NODE    105.00 =    1198.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    105.00 TO NODE    105.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   15.39
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.132
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        5.00      0.40     1.000    38
 PUBLIC PARK                A        5.00      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =   10.00      SUBAREA RUNOFF(CFS) =   15.85
 EFFECTIVE AREA(ACRES) =     16.40   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
```

A3

A4

```
  TOTAL AREA(ACRES) =       16.4       PEAK FLOW RATE(CFS) =      26.00

****************************************************************************
  FLOW PROCESS FROM NODE    105.00 TO NODE    106.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    33.60  DOWNSTREAM(FEET) =    32.20
  FLOW LENGTH(FEET) =   461.00   MANNING'S N =  0.010
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   3.08
  (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      26.00
  PIPE TRAVEL TIME(MIN.) =   2.49    Tc(MIN.) =   17.88
  LONGEST FLOWPATH FROM NODE    101.00 TO NODE    106.00 =    1659.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    106.00 TO NODE    106.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   17.88
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.956                    A5
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  NATURAL GOOD COVER
  "GRASS"                    A        7.50      0.40     1.000    38
  PUBLIC PARK                A        7.50      0.40     0.850    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA AREA(ACRES) =   15.00      SUBAREA RUNOFF(CFS) =   21.41
  EFFECTIVE AREA(ACRES) =     31.40   AREA-AVERAGED Fm(INCH/HR) =  0.37   Area A
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93            Existing
  TOTAL AREA(ACRES) =       31.4       PEAK FLOW RATE(CFS) =      44.82  10-year

****************************************************************************
  FLOW PROCESS FROM NODE    201.00 TO NODE    202.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
  >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<          B1
============================================================================
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   300.00
  ELEVATION DATA: UPSTREAM(FEET) =     55.10  DOWNSTREAM(FEET) =     44.50

  Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20
  SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =    9.229
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.857
  SUBAREA Tc AND LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS   Tc
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
  NATURAL GOOD COVER
  "GRASS"                    A        0.20      0.40     1.000    38   17.87
  PUBLIC PARK                A        0.20      0.40     0.850    32    9.23
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA RUNOFF(CFS) =      0.90
```

B1

```
 TOTAL AREA(ACRES) =      0.40   PEAK FLOW RATE(CFS) =      0.90

****************************************************************************
 FLOW PROCESS FROM NODE    202.00 TO NODE    203.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    41.80  DOWNSTREAM(FEET) =    39.60
 FLOW LENGTH(FEET) =   332.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.19
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   4.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       0.90
 PIPE TRAVEL TIME(MIN.) =   2.53    Tc(MIN.) =   11.76
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    203.00 =     632.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    203.00 TO NODE    203.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   11.76
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.487
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        0.65      0.40     1.000    38
 PUBLIC PARK                A        0.65      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    1.30      SUBAREA RUNOFF(CFS) =    2.48
 EFFECTIVE AREA(ACRES) =      1.70   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        1.7       PEAK FLOW RATE(CFS) =       3.24

****************************************************************************
 FLOW PROCESS FROM NODE    203.00 TO NODE    204.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    39.60  DOWNSTREAM(FEET) =    38.80
 FLOW LENGTH(FEET) =   220.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.12
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   6.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       3.24
 PIPE TRAVEL TIME(MIN.) =   1.73    Tc(MIN.) =   13.48
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    204.00 =     852.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    204.00 TO NODE    204.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
```

B2

B3

```
 MAINLINE Tc(MIN.) =   13.48
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.299                    B3
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        1.35      0.40     1.000    38
 PUBLIC PARK                A        1.35      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    2.70      SUBAREA RUNOFF(CFS) =    4.69
 EFFECTIVE AREA(ACRES) =      4.40   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        4.4       PEAK FLOW RATE(CFS) =       7.64

****************************************************************************
 FLOW PROCESS FROM NODE    204.00 TO NODE    205.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    38.80  DOWNSTREAM(FEET) =    37.90
 FLOW LENGTH(FEET) =   220.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.73
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   8.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       7.64
 PIPE TRAVEL TIME(MIN.) =   1.34    Tc(MIN.) =   14.83
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    205.00 =    1072.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    205.00 TO NODE    205.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   14.83                                          B4
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.177
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        2.35      0.40     1.000    38
 PUBLIC PARK                A        2.35      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    4.70      SUBAREA RUNOFF(CFS) =    7.65
 EFFECTIVE AREA(ACRES) =      9.10   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        9.1       PEAK FLOW RATE(CFS) =      14.80

****************************************************************************
 FLOW PROCESS FROM NODE    205.00 TO NODE    206.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    37.90  DOWNSTREAM(FEET) =    36.30
 FLOW LENGTH(FEET) =   535.00   MANNING'S N =  0.010
```

```
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.33
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   8.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      14.80
 PIPE TRAVEL TIME(MIN.) =   3.82    Tc(MIN.) =   18.65
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    206.00 =    1607.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    206.00 TO NODE    206.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  B5
============================================================================
 MAINLINE Tc(MIN.) =   18.65
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.909
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        4.65      0.40     1.000    38
 PUBLIC PARK                A        4.65      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    9.30      SUBAREA RUNOFF(CFS) =   12.88
 EFFECTIVE AREA(ACRES) =     18.40   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.92
 TOTAL AREA(ACRES) =       18.4       PEAK FLOW RATE(CFS) =      25.49

****************************************************************************
 FLOW PROCESS FROM NODE    206.00 TO NODE    207.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    36.30  DOWNSTREAM(FEET) =    35.50
 FLOW LENGTH(FEET) =   250.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.41
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   8.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      25.49
 PIPE TRAVEL TIME(MIN.) =   1.73    Tc(MIN.) =   20.38
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    207.00 =    1857.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    207.00 TO NODE    207.00 IS CODE =   1
----------------------------------------------------------------------------
 >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
 TOTAL NUMBER OF STREAMS =  2
 CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
 TIME OF CONCENTRATION(MIN.) =   20.38
 RAINFALL INTENSITY(INCH/HR) =   1.81
 AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40
 AREA-AVERAGED Ap =  0.92
 EFFECTIVE STREAM AREA(ACRES) =      18.40
 TOTAL STREAM AREA(ACRES) =      18.40
 PEAK FLOW RATE(CFS) AT CONFLUENCE =      25.49
```

```
****************************************************************************
  FLOW PROCESS FROM NODE    201.00 TO NODE    220.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
  >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<
============================================================================
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   320.00
  ELEVATION DATA: UPSTREAM(FEET) =     55.10  DOWNSTREAM(FEET) =     45.50

  Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20
  SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =    9.785
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.763
  SUBAREA Tc AND LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS   Tc
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
  NATURAL GOOD COVER
  "GRASS"                    A        0.50      0.40     1.000    38   18.94
  PUBLIC PARK                A        0.50      0.40     0.850    32    9.79
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA RUNOFF(CFS) =      2.15
  TOTAL AREA(ACRES) =      1.00   PEAK FLOW RATE(CFS) =      2.15

****************************************************************************
  FLOW PROCESS FROM NODE    220.00 TO NODE    221.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    43.10  DOWNSTREAM(FEET) =    40.00
  FLOW LENGTH(FEET) =   356.00   MANNING'S N =  0.010
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   3.29
  (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
  GIVEN PIPE DIAMETER(INCH) =   6.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.15
  PIPE TRAVEL TIME(MIN.) =   1.81    Tc(MIN.) =   11.59
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    221.00 =     676.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    221.00 TO NODE    221.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   11.59
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.508
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  NATURAL GOOD COVER
  "GRASS"                    A        1.10      0.40     1.000    38
  PUBLIC PARK                A        1.10      0.40     0.850    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA AREA(ACRES) =    2.20      SUBAREA RUNOFF(CFS) =    4.23
  EFFECTIVE AREA(ACRES) =      3.20   AREA-AVERAGED Fm(INCH/HR) =  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
  TOTAL AREA(ACRES) =        3.2       PEAK FLOW RATE(CFS) =       6.16
```

B6

B7

```
****************************************************************************
  FLOW PROCESS FROM NODE    221.00 TO NODE    207.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    40.00  DOWNSTREAM(FEET) =    35.50
  FLOW LENGTH(FEET) =   825.00   MANNING'S N =  0.010
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   3.15
  (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
  GIVEN PIPE DIAMETER(INCH) =   8.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.16
  PIPE TRAVEL TIME(MIN.) =   4.36    Tc(MIN.) =   15.95
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    207.00 =    1501.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    207.00 TO NODE    207.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  B8
============================================================================
  MAINLINE Tc(MIN.) =   15.95
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.088
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  NATURAL GOOD COVER
  "GRASS"                    A        4.10      0.40     1.000    38
  PUBLIC PARK                A        4.10      0.40     0.850    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA AREA(ACRES) =    8.20      SUBAREA RUNOFF(CFS) =   12.68
  EFFECTIVE AREA(ACRES) =     11.40   AREA-AVERAGED Fm(INCH/HR) =  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
  TOTAL AREA(ACRES) =       11.4       PEAK FLOW RATE(CFS) =      17.63

****************************************************************************
  FLOW PROCESS FROM NODE    207.00 TO NODE    207.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =   15.95
  RAINFALL INTENSITY(INCH/HR) =   2.09
  AREA-AVERAGED Fm(INCH/HR) =  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40
  AREA-AVERAGED Ap =  0.93
  EFFECTIVE STREAM AREA(ACRES) =      11.40
  TOTAL STREAM AREA(ACRES) =      11.40
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      17.63

  ** CONFLUENCE DATA **
   STREAM       Q      Tc    Intensity   Fp(Fm)     Ap      Ae     HEADWATER
   NUMBER     (CFS)  (MIN.) (INCH/HR) (INCH/HR)          (ACRES)    NODE
      1       25.49   20.38    1.815  0.40( 0.37) 0.92      18.4     201.00
      2       17.63   15.95    2.088  0.40( 0.37) 0.93      11.4     201.00
```

```
 RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
 CONFLUENCE FORMULA USED FOR  2 STREAMS.

 ** PEAK FLOW RATE TABLE **
  STREAM       Q      Tc   Intensity   Fp(Fm)     Ap      Ae     HEADWATER
  NUMBER     (CFS)  (MIN.) (INCH/HR) (INCH/HR)          (ACRES)    NODE
     1       41.36   15.95    2.088  0.40( 0.37) 0.92      25.8     201.00
     2       40.32   20.38    1.815  0.40( 0.37) 0.93      29.8     201.00

 COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
 PEAK FLOW RATE(CFS) =      41.36    Tc(MIN.) =    15.95
 EFFECTIVE AREA(ACRES) =      25.81   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.92
 TOTAL AREA(ACRES) =       29.8
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    207.00 =    1857.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    207.00 TO NODE    208.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    35.50  DOWNSTREAM(FEET) =    32.80
 FLOW LENGTH(FEET) =   907.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   3.05
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      41.36
 PIPE TRAVEL TIME(MIN.) =   4.95    Tc(MIN.) =   20.91
 LONGEST FLOWPATH FROM NODE    201.00 TO NODE    208.00 =    2764.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    208.00 TO NODE    208.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  B9
============================================================================
 MAINLINE Tc(MIN.) =   20.91
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.788
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        7.95      0.40     1.000    38
 PUBLIC PARK                A        7.95      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =   15.90      SUBAREA RUNOFF(CFS) =   20.30
 EFFECTIVE AREA(ACRES) =     41.71   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.92
 TOTAL AREA(ACRES) =       45.7       PEAK FLOW RATE(CFS) =      53.24

****************************************************************************
 FLOW PROCESS FROM NODE    301.00 TO NODE    302.00 IS CODE =  21
----------------------------------------------------------------------------
 >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<                  C1
 >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<
============================================================================
```

Area B
Existing
10-year

C1

```
 INITIAL SUBAREA FLOW-LENGTH(FEET) =   330.00
 ELEVATION DATA: UPSTREAM(FEET) =     51.30  DOWNSTREAM(FEET) =     44.90

 Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20
 SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =   10.810
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.610
 SUBAREA Tc AND LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS   Tc
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
 NATURAL GOOD COVER
 "GRASS"                    A        0.90      0.40     1.000    38   20.93
 PUBLIC PARK                A        0.90      0.40     0.850    32   10.81
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA RUNOFF(CFS) =      3.63
 TOTAL AREA(ACRES) =      1.80   PEAK FLOW RATE(CFS) =      3.63

****************************************************************************
 FLOW PROCESS FROM NODE    302.00 TO NODE    303.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    44.20  DOWNSTREAM(FEET) =    42.30
 FLOW LENGTH(FEET) =   178.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.78
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   4.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       3.63
 PIPE TRAVEL TIME(MIN.) =   1.07    Tc(MIN.) =   11.88
 LONGEST FLOWPATH FROM NODE    301.00 TO NODE    303.00 =     508.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    303.00 TO NODE    303.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
```

C2

```
============================================================================
 MAINLINE Tc(MIN.) =   11.88
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.473
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        0.90      0.40     1.000    38
 PUBLIC PARK                A        0.90      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    1.80      SUBAREA RUNOFF(CFS) =    3.41
 EFFECTIVE AREA(ACRES) =      3.60   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        3.6       PEAK FLOW RATE(CFS) =       6.81

****************************************************************************
 FLOW PROCESS FROM NODE    303.00 TO NODE    304.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
```

```
 ELEVATION DATA: UPSTREAM(FEET) =    42.30  DOWNSTREAM(FEET) =    41.10
 FLOW LENGTH(FEET) =   201.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   2.72
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =   6.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =       6.81
 PIPE TRAVEL TIME(MIN.) =   1.23    Tc(MIN.) =   13.11
 LONGEST FLOWPATH FROM NODE    301.00 TO NODE    304.00 =     709.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    304.00 TO NODE    304.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                    C3
============================================================================
 MAINLINE Tc(MIN.) =   13.11
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.337
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        1.80      0.40     1.000    38
 PUBLIC PARK                A        1.80      0.40     0.850    32
 SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
 SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
 SUBAREA AREA(ACRES) =    3.60      SUBAREA RUNOFF(CFS) =    6.37
 EFFECTIVE AREA(ACRES) =      7.20   AREA-AVERAGED Fm(INCH/HR) =  0.37
 AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.93
 TOTAL AREA(ACRES) =        7.2       PEAK FLOW RATE(CFS) =      12.74

****************************************************************************
 FLOW PROCESS FROM NODE    304.00 TO NODE    305.00 IS CODE =  41
----------------------------------------------------------------------------
 >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
 >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
 ELEVATION DATA: UPSTREAM(FEET) =    41.10  DOWNSTREAM(FEET) =    39.20
 FLOW LENGTH(FEET) =   557.00   MANNING'S N =  0.010
 ASSUME FULL-FLOWING PIPELINE
 PIPE-FLOW VELOCITY(FEET/SEC.) =   3.27
 (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
 GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
 PIPE-FLOW(CFS) =      12.74
 PIPE TRAVEL TIME(MIN.) =   2.84    Tc(MIN.) =   15.95
 LONGEST FLOWPATH FROM NODE    301.00 TO NODE    305.00 =    1266.00 FEET.

****************************************************************************
 FLOW PROCESS FROM NODE    305.00 TO NODE    305.00 IS CODE =  81
----------------------------------------------------------------------------
 >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
 MAINLINE Tc(MIN.) =   15.95                                          C4
 *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.088
 SUBAREA LOSS RATE DATA(AMC  II):
  DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
      LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
 NATURAL GOOD COVER
 "GRASS"                    A        5.00      0.40     1.000    38
 PUBLIC PARK                A        5.00      0.40     0.850    32
```

```
                                                MSPEX10
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA AREA(ACRES) =   10.00      SUBAREA RUNOFF(CFS) =   15.46
  EFFECTIVE AREA(ACRES) =     17.20   AREA-AVERAGED Fm(INCH/HR) =  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.92
  TOTAL AREA(ACRES) =       17.2       PEAK FLOW RATE(CFS) =      26.60

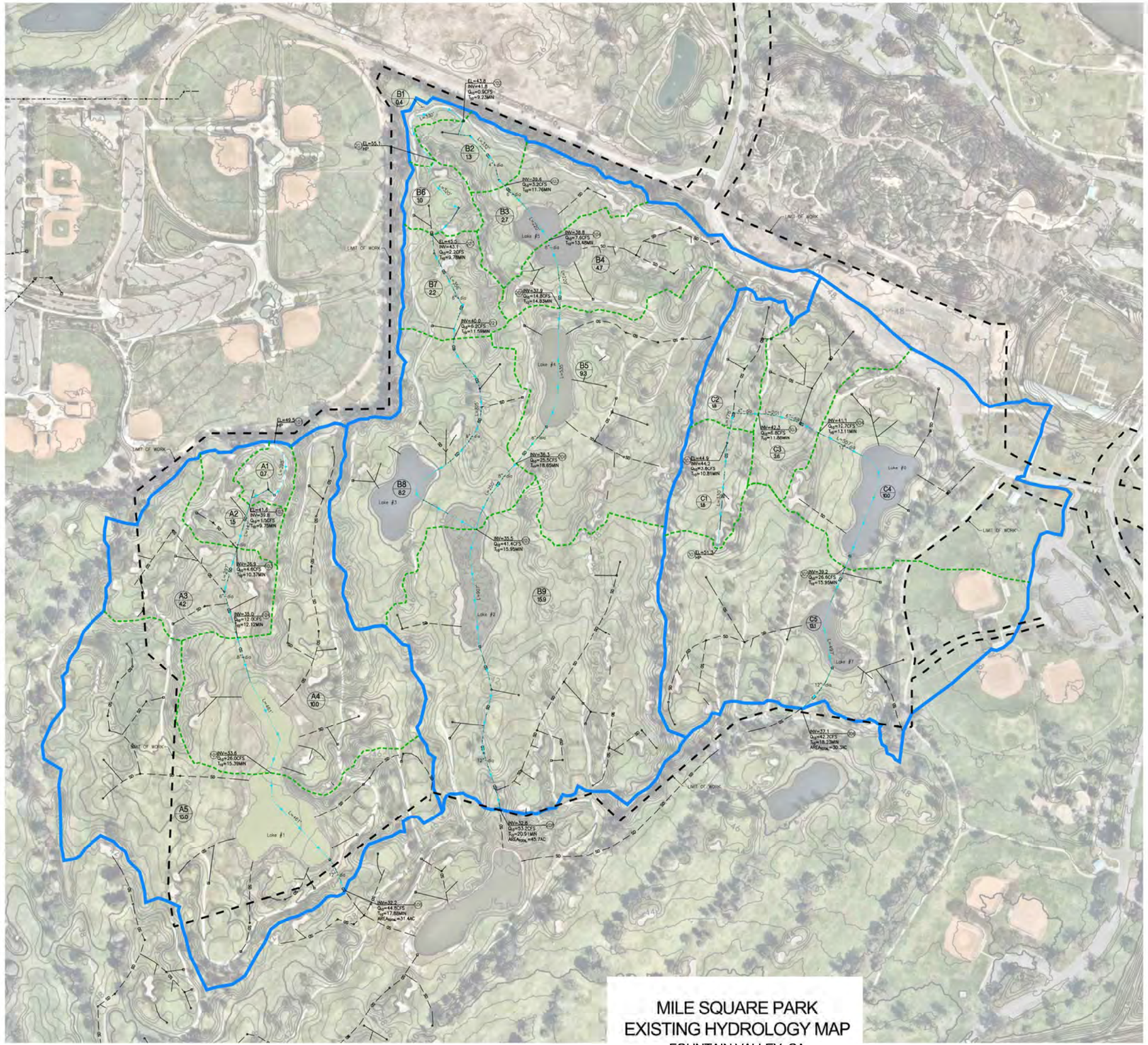
****************************************************************************
  FLOW PROCESS FROM NODE    305.00 TO NODE    306.00 IS CODE =  41
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING USER-SPECIFIED PIPESIZE (EXISTING ELEMENT)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    39.20  DOWNSTREAM(FEET) =    37.10
  FLOW LENGTH(FEET) =   497.00   MANNING'S N =  0.010
  ASSUME FULL-FLOWING PIPELINE
  PIPE-FLOW VELOCITY(FEET/SEC.) =   3.63
  (PIPE FLOW VELOCITY CORRESPONDING TO FULL PIPE CAPACITY FLOW)
  GIVEN PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      26.60
  PIPE TRAVEL TIME(MIN.) =   2.28    Tc(MIN.) =   18.23
  LONGEST FLOWPATH FROM NODE    301.00 TO NODE    306.00 =    1763.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    306.00 TO NODE    306.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   18.23
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.934
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  NATURAL GOOD COVER
  "GRASS"                    A        6.55      0.40     1.000    38
  PUBLIC PARK                A        6.55      0.40     0.850    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.925
  SUBAREA AREA(ACRES) =   13.10      SUBAREA RUNOFF(CFS) =   18.44
  EFFECTIVE AREA(ACRES) =     30.30   AREA-AVERAGED Fm(INCH/HR) =  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.92
  TOTAL AREA(ACRES) =       30.3       PEAK FLOW RATE(CFS) =      42.66
============================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =       30.3  TC(MIN.) =     18.23
  EFFECTIVE AREA(ACRES) =     30.30  AREA-AVERAGED Fm(INCH/HR)=  0.37
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap = 0.925
  PEAK FLOW RATE(CFS)   =      42.66
============================================================================
============================================================================
  END OF RATIONAL METHOD ANALYSIS
```

C4

C5

Area C
Existing
10-year



LEGEND

- MAJOR BOUNDARY/SITE BOUNDARY
- SUB AREA BOUNDARY
- FLOW PATH
- LIMIT OF WORK
- A2 / 153 — DRAINAGE AREA DESIGNATION / ACRES
- (101) HYDROLOGIC NODE

SOIL TYPE A
TOTAL TRIBUTARY AREA = 107.4AC

MILE SQUARE PARK
EXISTING HYDROLOGY MAP

FOUNTAIN VALLEY, CA

NOVEMBER 2020

N

100' 0' 50' 100'
SCALE: 1" = 100'

FUSCOE ENGINEERING
16795 Von Karman, Suite 100
Irvine, California 92606
tel 949.474.1960 • fax 949.474.5315
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APPENDIX 5

Proposed Condition Hydrology

```
****************************************************************************
            RATIONAL METHOD HYDROLOGY COMPUTER PROGRAM PACKAGE
           (Reference: 1986 ORANGE COUNTY HYDROLOGY CRITERION)
         (c) Copyright 1983-2016 Advanced Engineering Software (aes)
             Ver. 23.0  Release Date: 07/01/2016  License ID 1355

                          Analysis prepared by:

                            fuscoe engineering
                             16795 Von Karman
                                Suite 100
                                Irvine, CA

 ************************ DESCRIPTION OF STUDY *************************
* Mile Square Park                                                      *
* Proposed Condition                                                    *
* 10-year storm event                                                   *
 ************************************************************************

  FILE NAME: MSPPR10.DAT
  TIME/DATE OF STUDY: 17:08 10/29/2020
============================================================================
  USER SPECIFIED HYDROLOGY AND HYDRAULIC MODEL INFORMATION:
============================================================================
                    --*TIME-OF-CONCENTRATION MODEL*--

  USER SPECIFIED STORM EVENT(YEAR) =   10.00
  SPECIFIED MINIMUM PIPE SIZE(INCH) =   4.00
  SPECIFIED PERCENT OF GRADIENTS(DECIMAL) TO USE FOR FRICTION SLOPE = 0.90
  *DATA BANK RAINFALL USED*
  *ANTECEDENT MOISTURE CONDITION (AMC) II ASSUMED FOR RATIONAL METHOD*

  *USER-DEFINED STREET-SECTIONS FOR COUPLED PIPEFLOW AND STREETFLOW MODEL*
     HALF-  CROWN TO   STREET-CROSSFALL:   CURB  GUTTER-GEOMETRIES:  MANNING
     WIDTH  CROSSFALL  IN-  / OUT-/PARK-  HEIGHT  WIDTH  LIP   HIKE  FACTOR
NO.   (FT)     (FT)    SIDE / SIDE/ WAY    (FT)    (FT)  (FT)  (FT)    (n)
===  =====  =========  =================  ======  ===== ====== ===== =======
  1   30.0     20.0    0.018/0.018/0.020   0.67    2.00 0.0313 0.167 0.0150

  GLOBAL STREET FLOW-DEPTH CONSTRAINTS:
    1. Relative Flow-Depth =  0.00 FEET
       as (Maximum Allowable Street Flow Depth) - (Top-of-Curb)
    2. (Depth)*(Velocity) Constraint =  6.0 (FT*FT/S)
  *SIZE PIPE WITH A FLOW CAPACITY GREATER THAN
   OR EQUAL TO THE UPSTREAM TRIBUTARY PIPE.*
  *USER-SPECIFIED MINIMUM TOPOGRAPHIC SLOPE ADJUSTMENT NOT SELECTED

****************************************************************************
  FLOW PROCESS FROM NODE    101.00 TO NODE    102.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<
  >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<        A1
============================================================================
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   330.00
  ELEVATION DATA: UPSTREAM(FEET) =     45.90  DOWNSTREAM(FEET) =     45.30

  Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20
  SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =   15.738
```

```
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.104
  SUBAREA Tc AND LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS   Tc
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
  PUBLIC PARK                A        0.75      0.40     0.850    32   17.36
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        0.75      0.40     0.700    32   15.74
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775                  A1
  SUBAREA RUNOFF(CFS) =      2.42
  TOTAL AREA(ACRES) =      1.50   PEAK FLOW RATE(CFS) =      2.42

****************************************************************************
  FLOW PROCESS FROM NODE    102.00 TO NODE    103.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    41.00  DOWNSTREAM(FEET) =    40.00
  FLOW LENGTH(FEET) =   179.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   7.7 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.57
  ESTIMATED PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.42
  PIPE TRAVEL TIME(MIN.) =   0.65    Tc(MIN.) =   16.39
  LONGEST FLOWPATH FROM NODE    101.00 TO NODE    103.00 =     509.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    103.00 TO NODE    103.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   16.39
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.056                      A2
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        1.00      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        1.00      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    2.00      SUBAREA RUNOFF(CFS) =    3.14
  EFFECTIVE AREA(ACRES) =      3.50   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =        3.5       PEAK FLOW RATE(CFS) =       5.50

****************************************************************************
  FLOW PROCESS FROM NODE    103.00 TO NODE    104.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    40.00  DOWNSTREAM(FEET) =    38.20
  FLOW LENGTH(FEET) =   398.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  18.0 INCH PIPE IS  10.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   5.21
  ESTIMATED PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       5.50
```

```
  PIPE TRAVEL TIME(MIN.) =   1.27    Tc(MIN.) =   17.66
  LONGEST FLOWPATH FROM NODE    101.00 TO NODE    104.00 =     907.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    104.00 TO NODE    104.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   17.66
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.970                        A3
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        4.60      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        4.60      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    9.20      SUBAREA RUNOFF(CFS) =   13.74
  EFFECTIVE AREA(ACRES) =     12.70   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =       12.7       PEAK FLOW RATE(CFS) =      18.97

****************************************************************************
  FLOW PROCESS FROM NODE    104.00 TO NODE    105.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    38.20  DOWNSTREAM(FEET) =    36.10
  FLOW LENGTH(FEET) =  1501.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  33.0 INCH PIPE IS  21.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.54
  ESTIMATED PIPE DIAMETER(INCH) =  33.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      18.97
  PIPE TRAVEL TIME(MIN.) =   5.51    Tc(MIN.) =   23.17
  LONGEST FLOWPATH FROM NODE    101.00 TO NODE    105.00 =    2408.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    105.00 TO NODE    105.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   23.17                                         A4
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.686
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A       12.70      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A       12.70      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =   25.40      SUBAREA RUNOFF(CFS) =   31.45
  EFFECTIVE AREA(ACRES) =     38.10   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =       38.1       PEAK FLOW RATE(CFS) =      47.18

****************************************************************************
```

```
  FLOW PROCESS FROM NODE    105.00 TO NODE    106.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    36.10  DOWNSTREAM(FEET) =    32.20
  FLOW LENGTH(FEET) =  1137.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  36.0 INCH PIPE IS  28.9 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   7.77
  ESTIMATED PIPE DIAMETER(INCH) =  36.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      47.18
  PIPE TRAVEL TIME(MIN.) =   2.44    Tc(MIN.) =   25.61
  LONGEST FLOWPATH FROM NODE    101.00 TO NODE    106.00 =    3545.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    106.00 TO NODE    106.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  A5
============================================================================
  MAINLINE Tc(MIN.) =   25.61
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.592
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A       19.35      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A       19.35      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =   38.70      SUBAREA RUNOFF(CFS) =   44.65
  EFFECTIVE AREA(ACRES) =     76.80   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.77
  TOTAL AREA(ACRES) =       76.8       PEAK FLOW RATE(CFS) =      88.61

****************************************************************************
  FLOW PROCESS FROM NODE    106.00 TO NODE    106.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
============================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  1 ARE:
  TIME OF CONCENTRATION(MIN.) =   25.61
  RAINFALL INTENSITY(INCH/HR) =   1.59
  AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40
  AREA-AVERAGED Ap =  0.77
  EFFECTIVE STREAM AREA(ACRES) =      76.80
  TOTAL STREAM AREA(ACRES) =      76.80
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      88.61

****************************************************************************
  FLOW PROCESS FROM NODE    201.00 TO NODE    202.00 IS CODE =  21
----------------------------------------------------------------------------
  >>>>>RATIONAL METHOD INITIAL SUBAREA ANALYSIS<<<<<                  B1
  >>USE TIME-OF-CONCENTRATION NOMOGRAPH FOR INITIAL SUBAREA<<
============================================================================
  INITIAL SUBAREA FLOW-LENGTH(FEET) =   330.00
  ELEVATION DATA: UPSTREAM(FEET) =     47.00  DOWNSTREAM(FEET) =     45.90
```

```
  Tc = K*[(LENGTH** 3.00)/(ELEVATION CHANGE)]**0.20                    B1
  SUBAREA ANALYSIS USED MINIMUM Tc(MIN.) =   13.941
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  2.256
  SUBAREA Tc AND LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS   Tc
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN  (MIN.)
  PUBLIC PARK                A        0.35      0.40     0.850    32   15.37
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        0.35      0.40     0.700    32   13.94
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA RUNOFF(CFS) =      1.23
  TOTAL AREA(ACRES) =      0.70   PEAK FLOW RATE(CFS) =      1.23

****************************************************************************
  FLOW PROCESS FROM NODE    202.00 TO NODE    203.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    42.30  DOWNSTREAM(FEET) =    41.30
  FLOW LENGTH(FEET) =   527.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   7.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   2.59
  ESTIMATED PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       1.23
  PIPE TRAVEL TIME(MIN.) =   3.39    Tc(MIN.) =   17.33
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    203.00 =     857.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    203.00 TO NODE    203.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<
============================================================================
  MAINLINE Tc(MIN.) =   17.33                                          B2
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.991
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap      SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        0.55      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        0.55      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    1.10      SUBAREA RUNOFF(CFS) =    1.66
  EFFECTIVE AREA(ACRES) =      1.80   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =        1.8       PEAK FLOW RATE(CFS) =       2.72

****************************************************************************
  FLOW PROCESS FROM NODE    203.00 TO NODE    204.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    41.30  DOWNSTREAM(FEET) =    40.60
  FLOW LENGTH(FEET) =   127.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  12.0 INCH PIPE IS   8.4 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.66
```

```
  ESTIMATED PIPE DIAMETER(INCH) =  12.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       2.72
  PIPE TRAVEL TIME(MIN.) =   0.45    Tc(MIN.) =   17.79
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    204.00 =     984.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    204.00 TO NODE    204.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  B3
============================================================================
  MAINLINE Tc(MIN.) =   17.79
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.962
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        1.35      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        1.35      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    2.70      SUBAREA RUNOFF(CFS) =    4.01
  EFFECTIVE AREA(ACRES) =      4.50   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.77
  TOTAL AREA(ACRES) =        4.5       PEAK FLOW RATE(CFS) =       6.69

****************************************************************************
  FLOW PROCESS FROM NODE    204.00 TO NODE    205.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    40.60  DOWNSTREAM(FEET) =    39.90
  FLOW LENGTH(FEET) =   192.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  18.0 INCH PIPE IS  12.8 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   4.97
  ESTIMATED PIPE DIAMETER(INCH) =  18.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =       6.69
  PIPE TRAVEL TIME(MIN.) =   0.64    Tc(MIN.) =   18.43
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    205.00 =    1176.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    205.00 TO NODE    205.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                  B4
============================================================================
  MAINLINE Tc(MIN.) =   18.43
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.922
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        2.15      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        2.15      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    4.30      SUBAREA RUNOFF(CFS) =    6.24
  EFFECTIVE AREA(ACRES) =      8.80   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.77
  TOTAL AREA(ACRES) =        8.8       PEAK FLOW RATE(CFS) =      12.77
```

```
****************************************************************************
  FLOW PROCESS FROM NODE    205.00 TO NODE    205.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                B5
============================================================================
  MAINLINE Tc(MIN.) =   18.43
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.922
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        2.90      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        2.90      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =    5.80      SUBAREA RUNOFF(CFS) =    8.42
  EFFECTIVE AREA(ACRES) =     14.60   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =       14.6       PEAK FLOW RATE(CFS) =      21.19

****************************************************************************
  FLOW PROCESS FROM NODE    205.00 TO NODE    206.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
============================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    39.90  DOWNSTREAM(FEET) =    39.40
  FLOW LENGTH(FEET) =   149.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  27.0 INCH PIPE IS  21.2 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.34
  ESTIMATED PIPE DIAMETER(INCH) =  27.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      21.19
  PIPE TRAVEL TIME(MIN.) =   0.39    Tc(MIN.) =   18.82
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    206.00 =    1325.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    206.00 TO NODE    206.00 IS CODE =  81
----------------------------------------------------------------------------
  >>>>>ADDITION OF SUBAREA TO MAINLINE PEAK FLOW<<<<<                B6
============================================================================
  MAINLINE Tc(MIN.) =   18.82
  *  10 YEAR RAINFALL INTENSITY(INCH/HR) =  1.899
  SUBAREA LOSS RATE DATA(AMC  II):
   DEVELOPMENT TYPE/      SCS SOIL   AREA      Fp         Ap     SCS
       LAND USE            GROUP   (ACRES)  (INCH/HR)  (DECIMAL)  CN
  PUBLIC PARK                A        8.55      0.40     0.850    32
  RESIDENTIAL
  "2 DWELLINGS/ACRE"         A        8.55      0.40     0.700    32
  SUBAREA AVERAGE PERVIOUS LOSS RATE, Fp(INCH/HR) =  0.40
  SUBAREA AVERAGE PERVIOUS AREA FRACTION, Ap =  0.775
  SUBAREA AREA(ACRES) =   17.10      SUBAREA RUNOFF(CFS) =   24.46
  EFFECTIVE AREA(ACRES) =     31.70   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.78
  TOTAL AREA(ACRES) =       31.7       PEAK FLOW RATE(CFS) =      45.34

****************************************************************************
  FLOW PROCESS FROM NODE    206.00 TO NODE    106.00 IS CODE =  31
----------------------------------------------------------------------------
```

```
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
================================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    39.40  DOWNSTREAM(FEET) =    32.20
  FLOW LENGTH(FEET) =  2833.00   MANNING'S N =  0.010
  DEPTH OF FLOW IN  39.0 INCH PIPE IS  28.5 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   6.99
  ESTIMATED PIPE DIAMETER(INCH) =  39.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =      45.34
  PIPE TRAVEL TIME(MIN.) =   6.76    Tc(MIN.) =   25.58
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    106.00 =    4158.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    106.00 TO NODE    106.00 IS CODE =   1
----------------------------------------------------------------------------
  >>>>>DESIGNATE INDEPENDENT STREAM FOR CONFLUENCE<<<<<
  >>>>>AND COMPUTE VARIOUS CONFLUENCED STREAM VALUES<<<<<
================================================================================
  TOTAL NUMBER OF STREAMS =  2
  CONFLUENCE VALUES USED FOR INDEPENDENT STREAM  2 ARE:
  TIME OF CONCENTRATION(MIN.) =   25.58
  RAINFALL INTENSITY(INCH/HR) =   1.59
  AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40
  AREA-AVERAGED Ap =  0.78
  EFFECTIVE STREAM AREA(ACRES) =      31.70
  TOTAL STREAM AREA(ACRES) =      31.70
  PEAK FLOW RATE(CFS) AT CONFLUENCE =      45.34

  ** CONFLUENCE DATA **
   STREAM       Q      Tc   Intensity   Fp(Fm)     Ap     Ae     HEADWATER
   NUMBER     (CFS)  (MIN.) (INCH/HR) (INCH/HR)         (ACRES)    NODE
      1       88.61   25.61    1.592  0.40( 0.31) 0.77      76.8     101.00
      2       45.34   25.58    1.593  0.40( 0.31) 0.78      31.7     201.00

  RAINFALL INTENSITY AND TIME OF CONCENTRATION RATIO
  CONFLUENCE FORMULA USED FOR  2 STREAMS.

  ** PEAK FLOW RATE TABLE **
   STREAM       Q      Tc   Intensity   Fp(Fm)     Ap     Ae     HEADWATER
   NUMBER     (CFS)  (MIN.) (INCH/HR) (INCH/HR)         (ACRES)    NODE
      1      133.92   25.58    1.593  0.40( 0.31) 0.77     108.4     201.00
      2      133.91   25.61    1.592  0.40( 0.31) 0.78     108.5     101.00

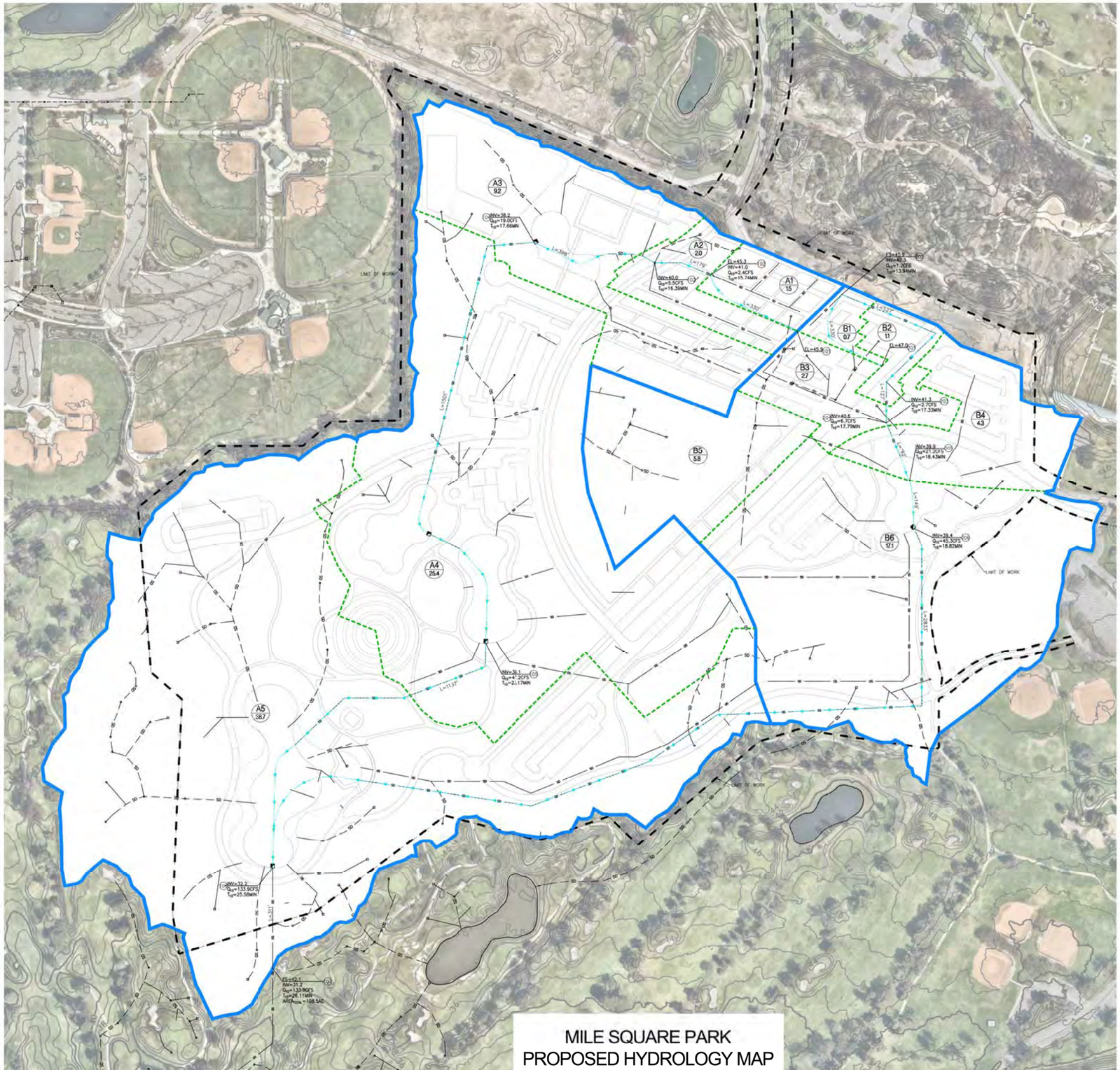
  COMPUTED CONFLUENCE ESTIMATES ARE AS FOLLOWS:
  PEAK FLOW RATE(CFS) =     133.92    Tc(MIN.) =    25.58
  EFFECTIVE AREA(ACRES) =     108.41   AREA-AVERAGED Fm(INCH/HR) =  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap =  0.77
  TOTAL AREA(ACRES) =      108.5
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    106.00 =    4158.00 FEET.

****************************************************************************
  FLOW PROCESS FROM NODE    106.00 TO NODE    107.00 IS CODE =  31
----------------------------------------------------------------------------
  >>>>>COMPUTE PIPE-FLOW TRAVEL TIME THRU SUBAREA<<<<<
  >>>>>USING COMPUTER-ESTIMATED PIPESIZE (NON-PRESSURE FLOW)<<<<<
================================================================================
  ELEVATION DATA: UPSTREAM(FEET) =    32.20  DOWNSTREAM(FEET) =    31.20
  FLOW LENGTH(FEET) =   311.00   MANNING'S N =  0.010
```

```
  DEPTH OF FLOW IN  54.0 INCH PIPE IS  43.0 INCHES
  PIPE-FLOW VELOCITY(FEET/SEC.) =   9.85
  ESTIMATED PIPE DIAMETER(INCH) =  54.00    NUMBER OF PIPES =   1
  PIPE-FLOW(CFS) =     133.92
  PIPE TRAVEL TIME(MIN.) =   0.53    Tc(MIN.) =   26.11
  LONGEST FLOWPATH FROM NODE    201.00 TO NODE    107.00 =    4469.00 FEET.
============================================================================
  END OF STUDY SUMMARY:
  TOTAL AREA(ACRES)     =      108.5  TC(MIN.) =     26.11
  EFFECTIVE AREA(ACRES) =    108.41  AREA-AVERAGED Fm(INCH/HR)=  0.31
  AREA-AVERAGED Fp(INCH/HR) =  0.40  AREA-AVERAGED Ap = 0.775
  PEAK FLOW RATE(CFS)   =     133.92

  ** PEAK FLOW RATE TABLE **
   STREAM       Q      Tc   Intensity   Fp(Fm)     Ap     Ae     HEADWATER
   NUMBER     (CFS)  (MIN.) (INCH/HR) (INCH/HR)         (ACRES)    NODE
      1      133.92   26.11    1.575  0.40( 0.31) 0.77     108.4     201.00
      2      133.91   26.14    1.574  0.40( 0.31) 0.78     108.5     101.00
============================================================================
============================================================================
  END OF RATIONAL METHOD ANALYSIS
```

Proposed Site Q10



LEGEND

- MAJOR BOUNDARY/SITE BOUNDARY
- SUB AREA BOUNDARY
- FLOW PATH
- EXISTING STORM DRAIN PIPE
- PROPOSED STORM DRAIN PIPE
- LIMIT OF WORK
- A2 / 15 — DRAINAGE AREA DESIGNATION / ACRES
- 101 — HYDROLOGIC NODE

SOIL TYPE A
TOTAL DRAINAGE AREA = 108.5

MILE SQUARE PARK
PROPOSED HYDROLOGY MAP

FOUNTAIN VALLEY, CA

NOVEMBER 2020

100' 0' 50' 100'
SCALE: 1" = 100'

FUSCOE ENGINEERING
16795 Von Karman, Suite 100
Irvine, California 92606
tel 949.474.1960 • fax 949.474.5315
www.fuscoe.com

APPENDIX 6

FEMA Maps

NOTES TO USERS

...p is for use in administering the National Flood Insurance Program. It ...t necessarily identify all areas subject to flooding, particularly from local ...sources of small size. The **community map repository** should be ...d for possible updated or additional flood hazard information.

...n more detailed information in areas where **Base Flood Elevations** ...and/or **floodways** have been determined, users are encouraged to consult ...d Profiles and Floodway Data and/or Summary of Stillwater Elevations ...ontained within the Flood Insurance Study (FIS) report that accompanies ...M. Users should be aware that BFEs shown on the FIRM represent ...vehicle-foot elevations. These BFEs are intended for flood insurance ...purposes only and should not be used as the sole source of flood ...n information. Accordingly, flood elevation data presented in the FIS ...should be utilized in conjunction with the FIRM for purposes of ...ion and/or floodplain management.

...l **Base Flood Elevations** shown on this map apply only landward of ...th American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should ...e that coastal flood elevations are also provided in the Summary of ...r Elevations tables in the Flood Insurance Study report for this jurisdiction. ...ns shown in the Summary of Stillwater Elevations tables should be used for ...tion and/or floodplain management purposes when they are higher than ...tions shown on this FIRM.

...ies of the **floodways** were computed at cross sections and interpolated ...cross sections. The floodways were based on hydraulic considerations ...ired to requirements of the National Flood Insurance Program. Floodway ...and other pertinent floodway data are provided in the Flood Insurance ...port for this jurisdiction.

...reas not in Special Flood Hazard Areas may be protected by **flood ...structures**. Refer to Section 2.4 "Flood Protection Measures" of the ...surance Study report for information on flood control structures for this ...tion.

...jection used in the preparation of this map was Universal Transverse ...(UTM) Zone 11. The **horizontal datum** was NAD 83, GRS80 spheroid. ...ces in datum, spheroid, projection or UTM zones used in the production of ...or adjacent jurisdictions may result in slight positional differences in map ...across jurisdiction boundaries. These differences do not affect the ...y of this FIRM.

...evations on this map are referenced to the North American Vertical Datum ...These flood elevations must be compared to structure and ground ...s referenced to the same **vertical datum**. For information regarding ...on between the National Geodetic Vertical Datum of 1929 and the ...American Vertical Datum of 1988, visit the National Geodetic Survey ...at http://www.ngs.noaa.gov or contact the National Geodetic Survey at ...ving address:

...rmation Services
...NGS12
...Geodetic Survey
...#9202
...st-West Highway
...ring, Maryland 20910-3282
...3-3242

...n current elevation, description, and/or location information for **bench ...**shown on this map, please contact the Information Services Branch ...National Geodetic Survey at **(301) 713-3242**, or visit its website at ...ww.ngs.noaa.gov.

...ap information shown on this FIRM was derived from the National ...re Imagery Program, dated 2005.

...p reflects more detailed and up-to-date **stream channel configurations** ...se shown on the previous FIRM for this jurisdiction. The floodplains and ...ns that were transferred from the previous FIRM may have been adjusted ...m to these new stream channel configurations. As a result, the Flood ...and Floodway Data tables in the Flood Insurance Study Report (which ...authoritative hydraulic data) may reflect stream channel distances that ...m what is shown on this map.

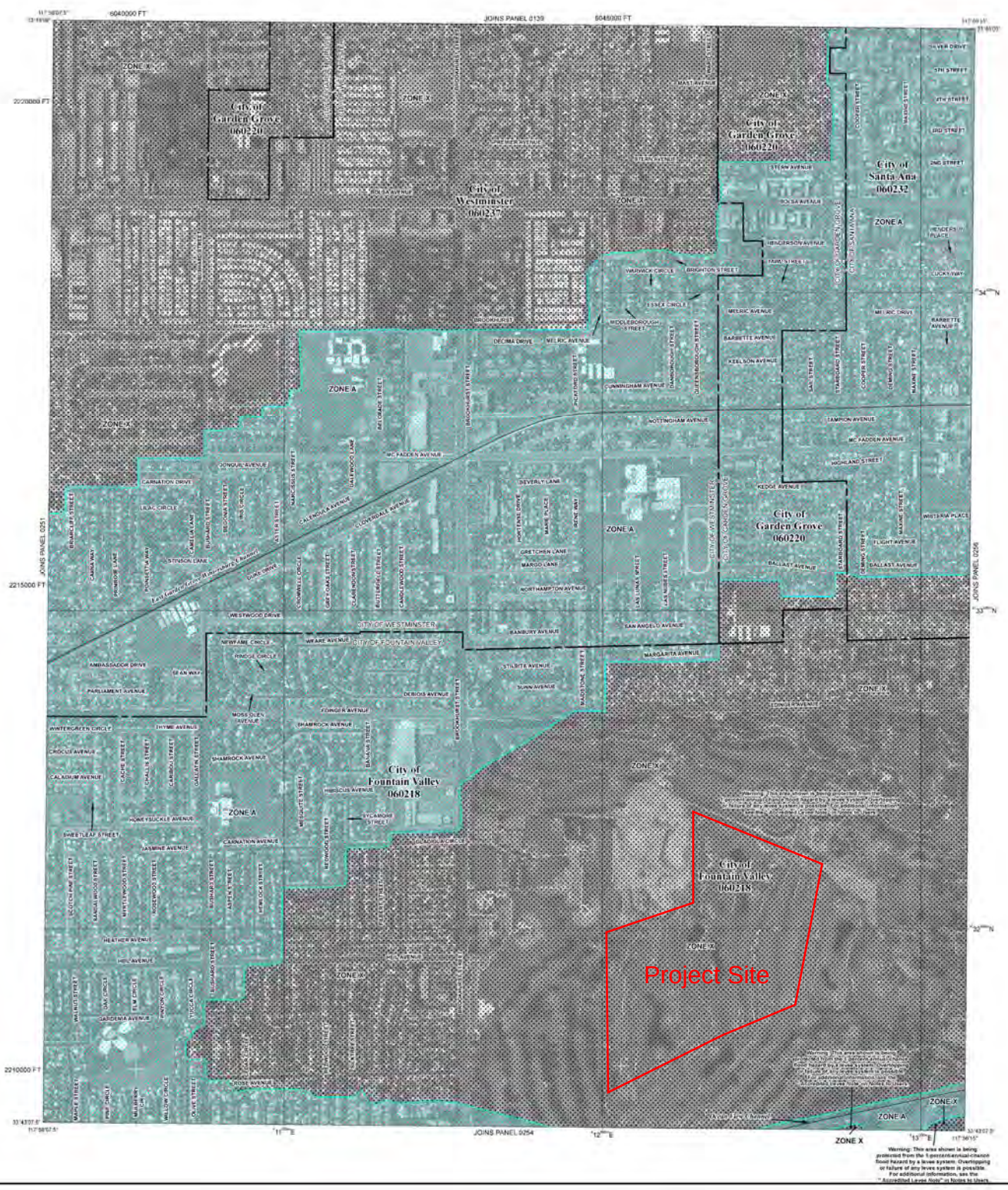
...**de limits** shown on this map are based on the best data available at the ...publication. Because changes due to annexations or de-annexations may ...curred after this map was published, map users should contact appropriate ...ity officials to verify current corporate limit locations.

...refer to the separately printed **Map Index** for an overview map of the ...showing the layout of map panels; community map repository addresses; ...isting of Communities table containing National Flood Insurance Program ...for each community as well as a listing of the panels on which each ...ity is located.

...the **FEMA Map Service Center** at 1-800-358-9616 for information on ...e products associated with this FIRM. Available products may include ...ly issued Letters of Map Change, a Flood Insurance Study report, and/or ...sions of this map. The FEMA Map Service Center may also be reached ...t 1-800-358-9620 and its website at http://msc.fema.gov.

...**ve questions about this map** or questions concerning the National Flood ...e Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or ...FEMA website at http://www.fema.gov.

...ed Levee Notes to Users: Check with your local community to obtain ...rmation, such as the estimated level of protection provided (which may ...the 1-percent-annual-chance level) and Emergency Action Plan, on the ...tem(s) shown as providing protection for areas on this panel. To mitigate ...s in residual areas, property owners and residents are encouraged to ...flood insurance and floodproofing or other protective measures. For more ...on on flood insurance, interested parties should visit the FEMA Website at ...w.fema.gov/business/nfip/index.shtm.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AR/A, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A — No Base Flood Elevations determined.

ZONE AE — Base Flood Elevations determined.

ZONE AH — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR — Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplain boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Flood Elevations, flood depths or flood velocities.

513 — Base Flood Elevation line and value; elevation in feet*

(EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

A — A — Cross section line

B — B — Transect line

87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD83), Western Hemisphere

1000-meter Universal Transverse Mercator grid values, zone 11

5000-foot grid ticks: California State Plane coordinate system, zone VI (FIPSZONE 0406), Lambert Conformal Conic projection

DX510 — Bench mark (see explanation in Notes to Users section of this FIRM panel)

M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
September 15, 1989

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
February 3, 1982 - November 3, 1989 - January 5, 1987 - February 18, 2004 - December 3, 2009

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 500 1000 FEET

150 0 150 300 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0252J

FIRM

FLOOD INSURANCE RATE

ORANGE COUNTY, CALIFORNIA AND INCORPORATED AREAS

PANEL 252 OF 539

(SEE MAP INDEX FOR FIRM PANEL LA

CONTAINS

COMMUNITY	NUMBER	PANEL
FOUNTAIN VALLEY, CITY OF	060218	0252
GARDEN GROVE, CITY OF	060220	0252
SANTA ANA, CITY OF	060232	0252
WESTMINSTER, CITY OF	060237	0252

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

MAP NU
060596

MAP RE
DECEMBER

Federal Emergency Management

National Flood Hazard Layer FIRMette

FEMA

117°56'33"W 33°43'28"N



117°55'55"W 33°42'58"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN — Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 — Cross Sections with 1% Annual Chance
- 17.5 — Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/28/2020 at 9:45 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Appendix H
Noise Appendices

Appendix A

Field Noise Measurement Sheets

FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park Expansion PROJ. # 00359.20

SITE IDENTIFICATION: ST 1 OBSERVER(S): JCR
ADDRESS: Near 11015 Bellflower Ave
START DATE / TIME: 8/6/20 - 9:16 END DATE / TIME: 8/6/20

METEROLOGICAL CONDITIONS:
TEMP: 70 °F HUMIDITY: 72 %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: 5-7 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

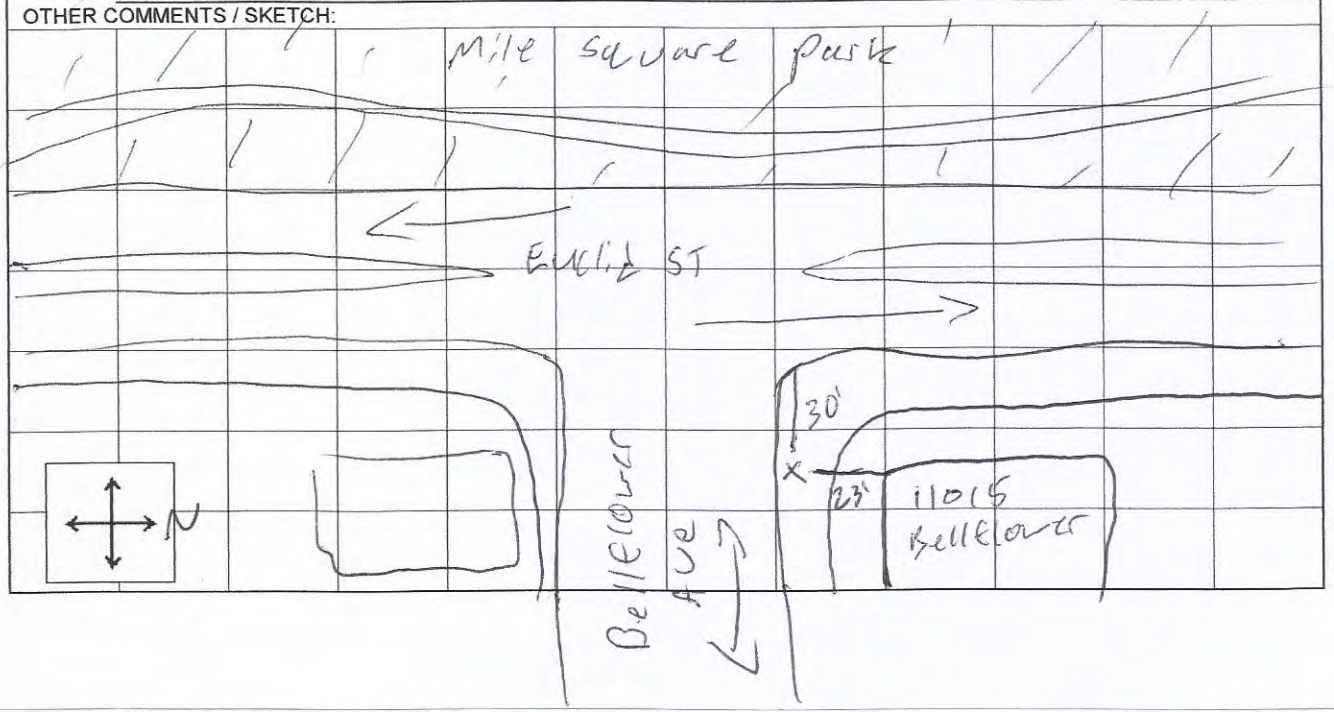
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LD LXT TYPE: 1 2 SERIAL #: 1005
CALIBRATOR: CAL 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.0 AFTER 114.01 WINDSCREEN X
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	25	L 50	90	99	min
846	9:16	9:36	64.1	81.7	76.4	73.8	70.5	66.0	48.6	41.9	41.0

COMMENTS: paused out traffic on Bellflower Ave

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park PROJ. # 00359.20

SITE IDENTIFICATION: ST2 OBSERVER(S): JCR
ADDRESS: Near First Chinese Baptist church
START DATE / TIME: 8/6/20 - 10:55 Am END DATE / TIME: 8/6/20

METEROLOGICAL CONDITIONS:
TEMP: 73 °F HUMIDITY: 72 %R.H. WIND: CALM (LIGHT) MODERATE VARIABLE
WINDSPEED: 1-5 MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

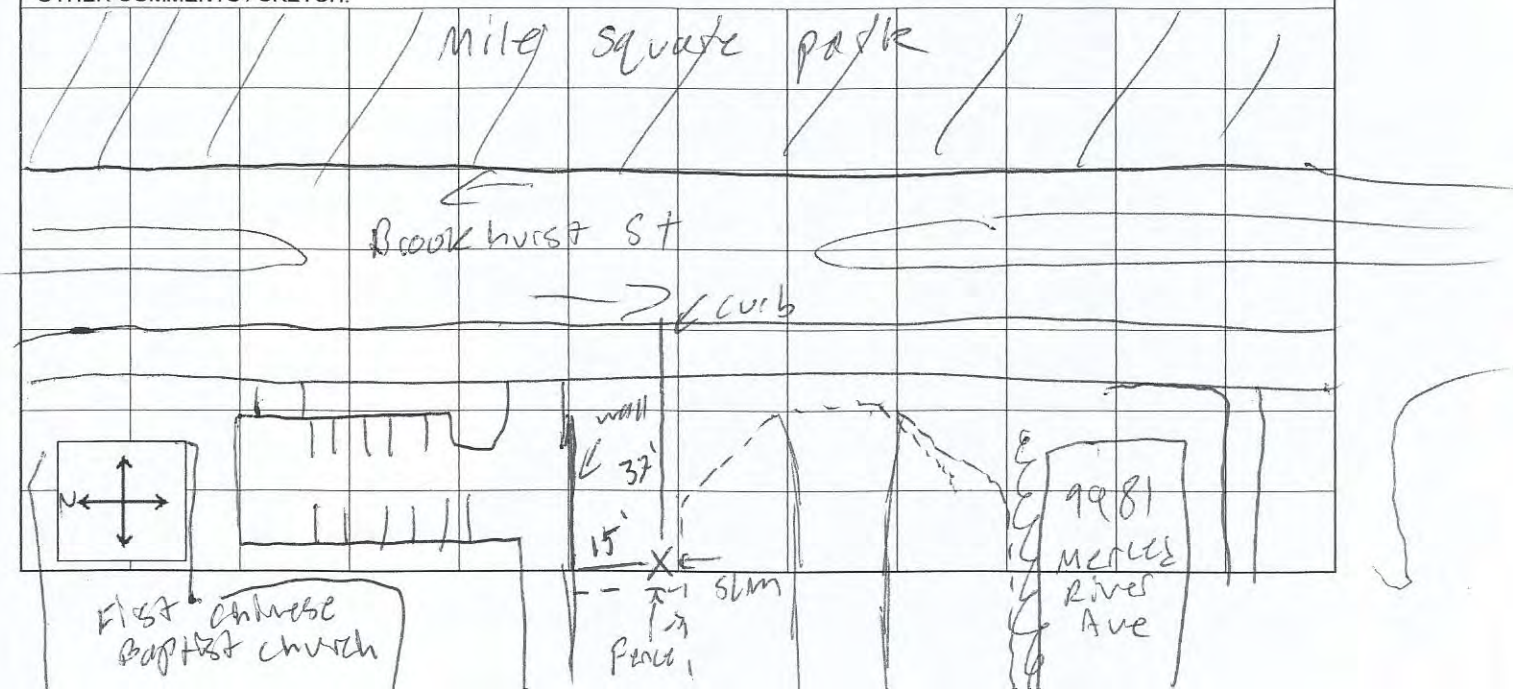
ACOUSTIC MEASUREMENTS:
INSTRUMENT: LDL XT TYPE: (1) 2 SERIAL #: 4005
CALIBRATOR: LD CAL 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 114.0 AFTER 114.1 WINDSCREEN X
SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	25	50	90	99	min
.847	10:55Am	11:56	65.8	72.7	71.3	69.5	67.3	64.9	57.2	47.5	45.5

COMMENTS:

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:
ROADWAY TYPE:
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER:
PHOTOS:
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park PROJ. # 00359.20

SITE IDENTIFICATION: LT 1 OBSERVER(S): JCK

ADDRESS: Row next 10516 Morning Glory Cir.

START DATE / TIME: 8/6/20 - 8:47 AM END DATE / TIME: 8/10/20 - 8:55 AM

METEROLOGICAL CONDITIONS:

TEMP: ____ °F HUMIDITY: ____ %R.H. WIND: **CALM LIGHT MODERATE VARIABLE**

WINDSPEED: ____ MPH DIR: **N NE E SE S SW W NW STEADY GUSTY**

SKY: **SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:**

ACOUSTIC MEASUREMENTS:

INSTRUMENT: Soft dB Piccolo II - F TYPE: 1 (2) SERIAL #: 0901

CALIBRATOR: LD CAL 200 SERIAL #: 2916

CALIBRATION CHECK, BEFORE: 94.0 AFTER 93.9 WINDSCREEN X

SETTINGS: **A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER:** ____

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	1.67	8.33	L 25	50	90	99	min

COMMENTS: mounted @ 9:05 AM
picked up @ 8:45 AM

NOISE SOURCE INFO:

PRIMARY NOISE SOURCE: **TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:** ____

ROADWAY TYPE: ____

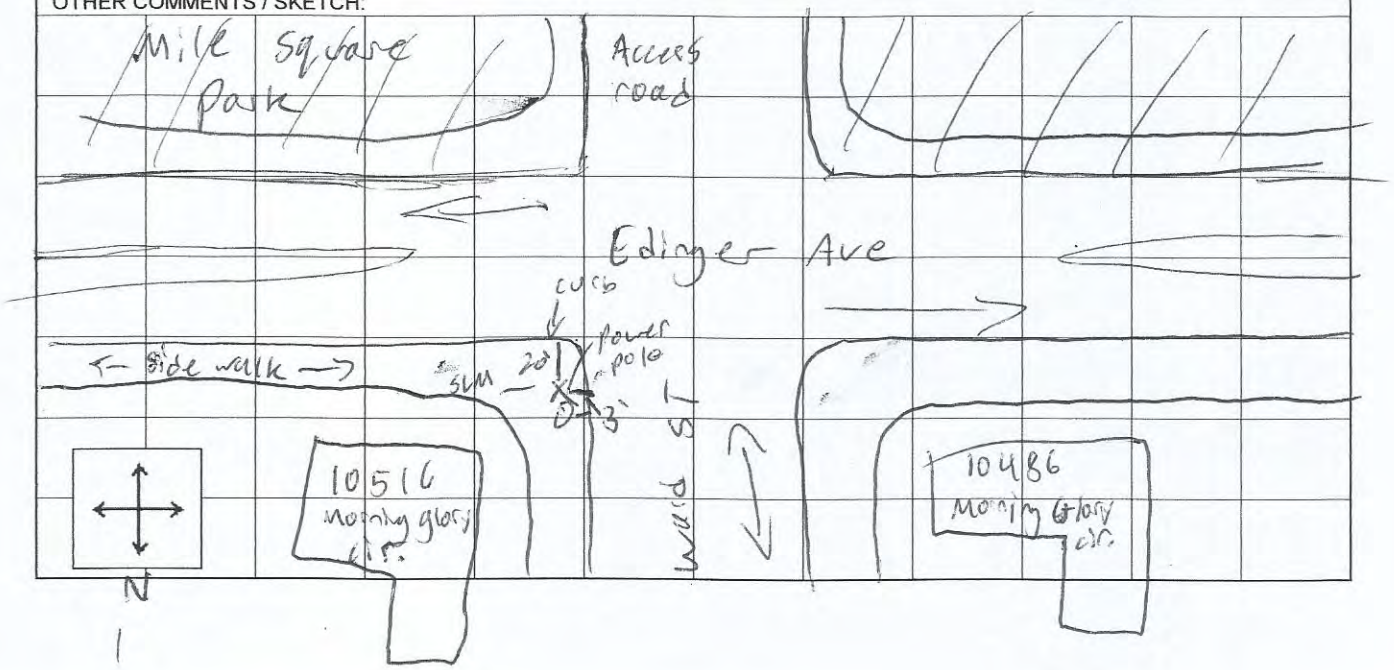
OTHER SOURCES: **DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:**

DESCRIPTION / SKETCH:

TERRAIN: **HARD SOFT MIXED FLAT OTHER:** ____

PHOTOS: ____

OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park PROJ. # 00359.20

SITE IDENTIFICATION: LT 2 OBSERVER(S): JCR
ADDRESS: Row next 11029 Rushmore St
START DATE / TIME: 8/6/20 - 9:57 AM END DATE / TIME: 8/10/20 - 9:15 AM

METEROLOGICAL CONDITIONS:
TEMP: ____ °F HUMIDITY: ____ %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: ____ MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:
INSTRUMENT: Soft dB Piccolo II - H TYPE: 1 (2) SERIAL #: 0903
CALIBRATOR: LD CAL 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 94.0 AFTER 94.4 WINDSCREEN X
SETTINGS: (A-WEIGHTED) (SLOW) FAST FRONTAL (RANDOM) (ANSI) OTHER: ____

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	8.33	25	50	90	99	min

COMMENTS: ~~[illegible]~~
mounted @ 10:15 AM
picked up @ 9:07 AM

NOISE SOURCE INFO:
PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: ____
ROADWAY TYPE: ____
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:
TERRAIN: HARD SOFT MIXED FLAT OTHER: ____
PHOTOS: ____
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park PROJ. # 00359.20

SITE IDENTIFICATION: LT 3 OBSERVER(S): JCR
ADDRESS: Near 10700 Warner Ave
START DATE / TIME: 8/6/20 - 10:21 Am END DATE / TIME: 8/10/20 - 9:42 Am

METEROLOGICAL CONDITIONS:

TEMP: _____ °F HUMIDITY: _____ %R.H. WIND: CALM LIGHT MODERATE VARIABLE
WINDSPEED: _____ MPH DIR: N NE E SE S SW W NW STEADY GUSTY
SKY: SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN OTHER:

ACOUSTIC MEASUREMENTS:

INSTRUMENT: Soft dB Piccol II-G TYPE: 1 (2) SERIAL #: 0902
CALIBRATOR: LD CAL 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 94.0 AFTER 94.1 WINDSCREEN X

SETTINGS: A-WEIGHTED SLOW FAST FRONTAL RANDOM ANSI OTHER: _____

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	8.33	25	50	90	99	min

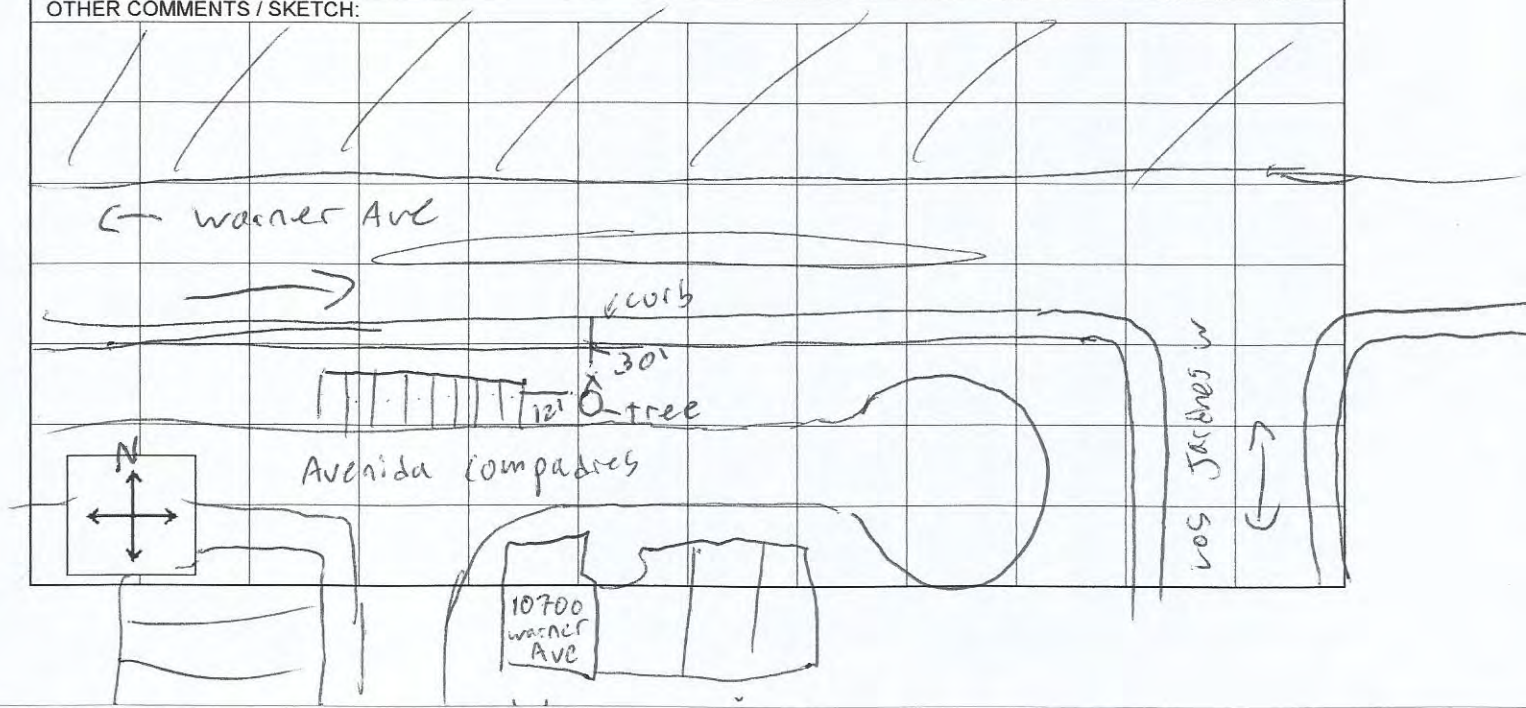
COMMENTS: Mounted @ 10:40 Am
Picked up @ 9:35 Am

NOISE SOURCE INFO:

PRIMARY NOISE SOURCE: TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER: _____
ROADWAY TYPE: _____
OTHER SOURCES: DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL
DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:

DESCRIPTION / SKETCH:

TERRAIN: HARD SOFT MIXED FLAT OTHER: _____
PHOTOS: _____
OTHER COMMENTS / SKETCH:



FIELD NOISE MEASUREMENT DATA

PROJECT: Mile Square Park PROJ. # 00359.20

SITE IDENTIFICATION: LT 4 OBSERVER(S): JCR
ADDRESS: near Mile Square Plaza
START DATE / TIME: 8/6/20 - 11:38 Am END DATE / TIME: 8/9/20 - 12:30 pm

METEROLOGICAL CONDITIONS:

TEMP: _____ °F HUMIDITY: _____ %R.H. WIND: **CALM LIGHT MODERATE VARIABLE**
WINDSPEED: _____ MPH DIR: **N NE E SE S SW W NW** **STEADY GUSTY**
SKY: **SUNNY CLEAR OVRCST PRTLY CLOUDY FOG RAIN** **OTHER:**

ACOUSTIC MEASUREMENTS:

INSTRUMENT: soft dB piccolo II - B TYPE: 1 (2) SERIAL #: 1204
CALIBRATOR: LD CAL 200 SERIAL #: 2916
CALIBRATION CHECK, BEFORE: 94.0 AFTER 93.5 WINDSCREEN _____
SETTINGS: **A-WEIGHTED** **SLOW** **FAST** **FRONTAL** **RANDOM** **ANSI** **OTHER:** _____

FILE / MEAS #	START TIME	END TIME	L_{eq}	max	L 1.67	8.33	25	50	90	99	min

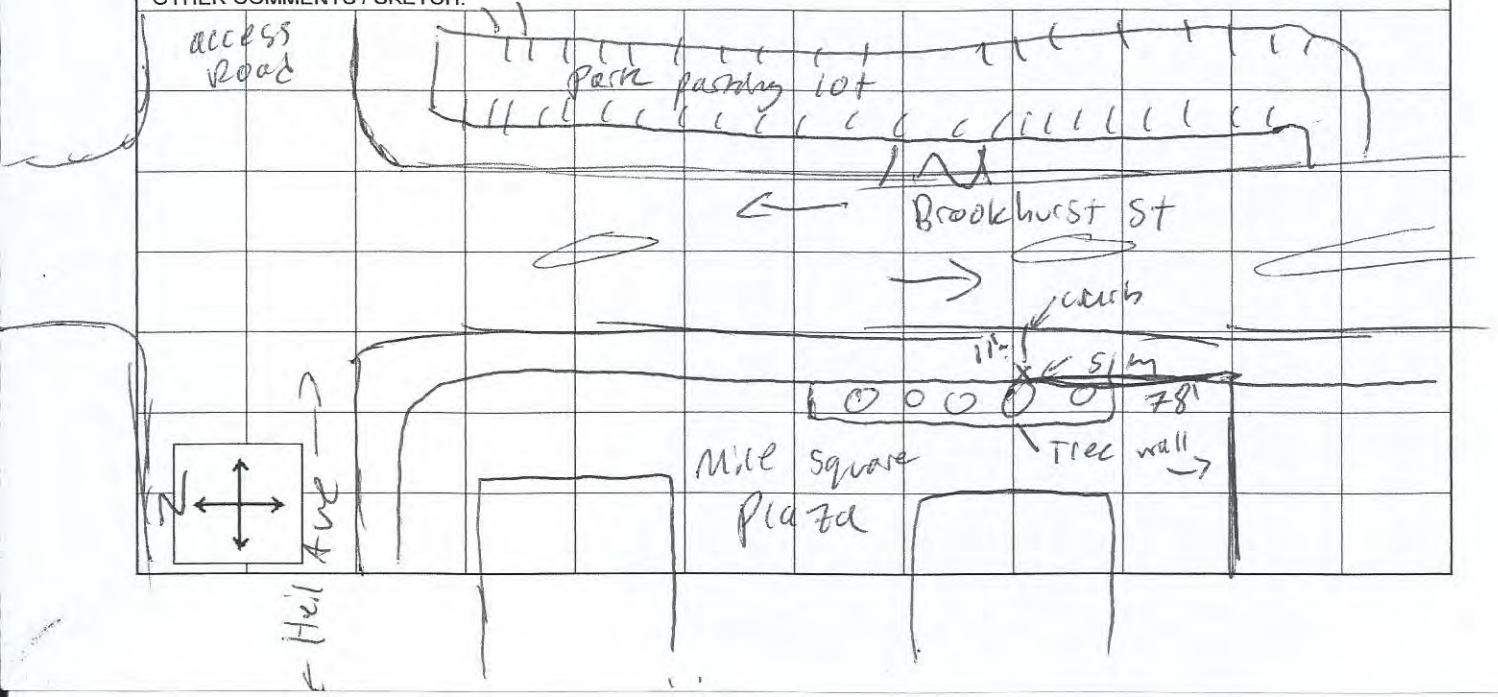
COMMENTS: Mounted @ 11:55 Am
picked up @ 10:05 Am

NOISE SOURCE INFO:

PRIMARY NOISE SOURCE: **TRAFFIC AIRCRAFT RAIL INDUSTRIAL AMBIENT OTHER:** _____
ROADWAY TYPE: _____
OTHER SOURCES: **DIST. AIRCRAFT / RUSTLING LEAVES / DIST. BARKING DOGS / BIRDS / DIST. INDUSTRIAL DIST. CHILDREN PLAYING / DIST. TRAFFIC / DIST. LANDSCAPING ACTIVITIES / OTHER:**

DESCRIPTION / SKETCH:

TERRAIN: **HARD SOFT MIXED FLAT OTHER:** _____
PHOTOS: _____
OTHER COMMENTS / SKETCH:



Appendix B

Transportation Analysis Memorandum

Kimley»Horn

February 16, 2021

Natalia Gaerlan, PLA, AICP.
Planning & Design Division, OC Parks
13042 Old Myford Road
Irvine, CA, 92602

Subject: *Transportation Analysis Memorandum for the Mile Square Park Expansion Project in the C**ounty** of **Orange***

Dear Ms. Gaerlan:

Kimley-Horn and Associates, Inc. has prepared a transportation analysis memorandum, per request from Orange County Public Works (OCPW), for the proposed Mile Square Park Expansion Project. The memorandum has been prepared to evaluate the VMT screening thresholds outlined in the County of Orange *Transportation Implementation Manual* (November 2020), and to conduct a focused Level of Service (LOS) analysis at the proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue.

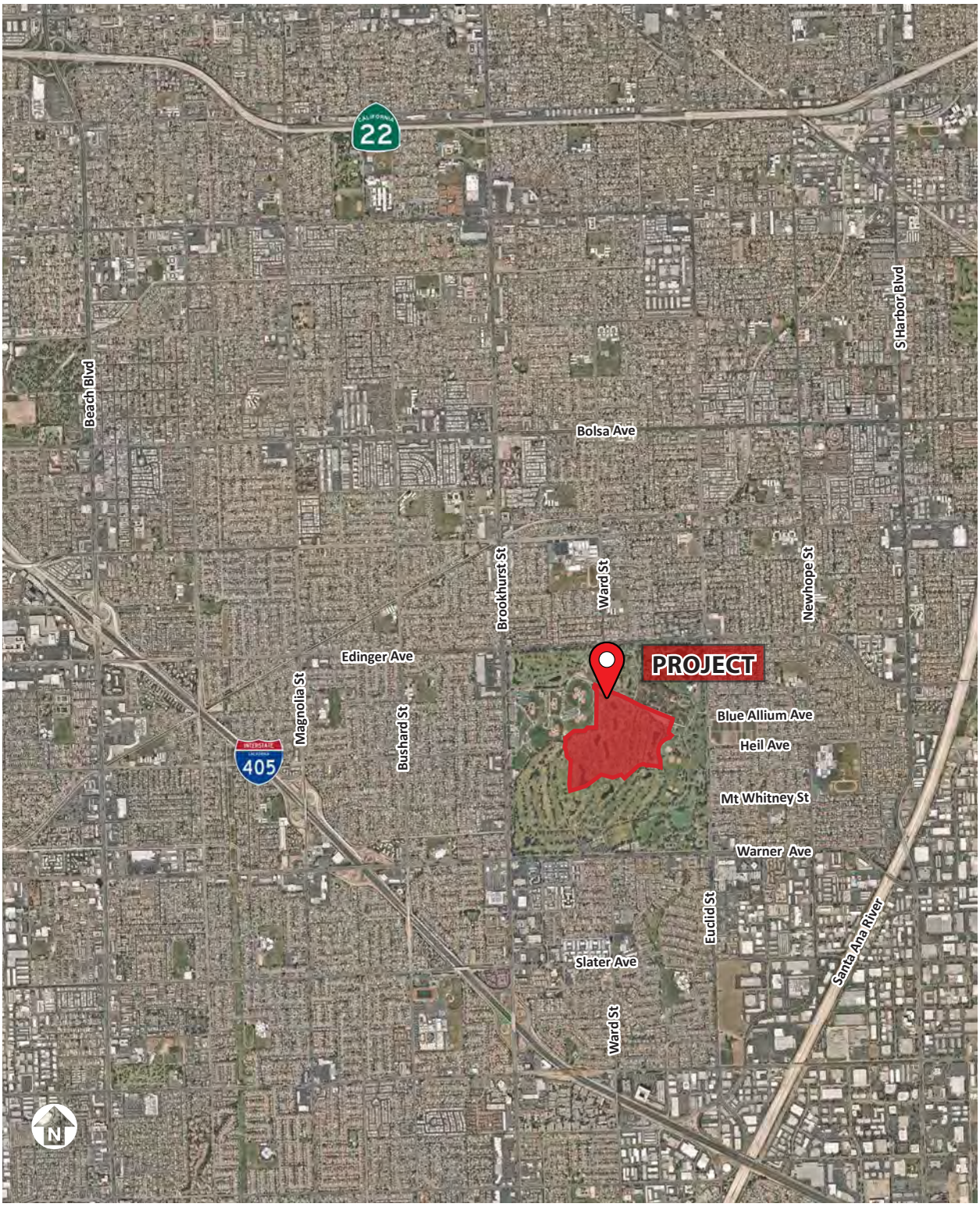
PROJECT DESCRIPTION

The project site is located within Mile Square Park, which is located within the block bounded by Warner Avenue, Brookhurst Street, Edinger Avenue, and Euclid Street. The project is located within 93 acres in the northern half of the park, directly east of the Fountain Valley Sports Park. The proposed project within its regional vicinity is shown on Figure 1. The project site is currently occupied by an eighteen-hole golf course. The project will involve the demolition of the existing golf course and development of additional park facilities, including a civic plaza, botanic garden, amphitheater, event space, and a visitor center. A copy of the project site plan is provided in *Appendix A*.

Vehicular access provisions for the project site would be provided via existing driveways on Edinger Avenue and Euclid Street, as well as a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue.

.

FIGURE 1



Regional Vicinity Map

TRIP GENERATION

Trip generation estimates for the existing Golf Course are based on the Institute of Transportation Engineers (ITE) Trip Generation Manual (10th Edition), average rates for Golf Course (ITE Land Use 430). The trip generation for proposed additional park facilities was estimated using Public Park (ITE Land Use 411), Soccer Complex (ITE Land Use 488), and Museum (ITE Land Use 580

The trip generation rates and resulting trip generation estimates for the proposed Mile Square Park Expansion project are summarized on Table 1. After applying existing trip credits, the project is estimated to generate approximately -196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour.

CEQA VEHICLE MILES TRAVELED (VMT) ASSESSMENT

Senate Bill 743 (SB 743) was approved by California legislature in September 2013. SB 743 requires changes to California Environmental Quality Act (CEQA), specifically directing the Governor's Office of Planning and Research (OPR) to develop alternative metrics to the use of vehicular "Level of Service" (LOS) for evaluating transportation projects. OPR has prepared a technical advisory ("OPR Technical Advisory") for evaluating transportation impacts in CEQA and has recommended that Vehicle Miles Traveled (VMT) replace LOS as the primary measure of transportation impacts. The Natural Resources Agency has adopted updates to CEQA Guidelines to incorporate SB 743 that requires VMT for the purposes of determining a significant transportation impact under CEQA.

The County of Orange *Transportation Implementation Manual* (November 2020) provides details on appropriate screening thresholds that can be used to identify when a proposed land use project is anticipated to result in a less than significant impact without conducting a more detailed level analysis. Screening thresholds are broken down into the following six criteria:

1. Project in High-Quality Transit Area (HQTA)
2. Neighborhood Retail Project
3. Affordable Housing Project
4. Low VMT Area Project
5. Small Project
6. Public Facilities

Land development projects that meet one or more of the above screening thresholds may be presumed to create a less than significant impact on transportation and circulation. The thresholds for Project in High Quality Transit Area (HQTA), Small Project, and Public Facilities were reviewed and evaluated for this project.

TABLE 1
SUMMARY OF PROJECT TRIP GENERATION
MILE SQUARE PARK EXPANSION

Land Use	ITE Code	Unit	Trip Generation Rates [1]						
			Weekday	AM Peak Hour			PM Peak Hour		
			Daily	In	Out	Total	In	Out	Total
Proposed									
Public Park	411	Acre	0.780	0.012	0.008	0.02	0.061	0.050	0.11
Soccer Complex	488	Field	71.330	0.604	0.386	0.99	10.844	5.586	16.43
Museum	580	KSF	*	0.241	0.039	0.28	0.029	0.151	0.18
Existing									
Golf Course	430	Hole	30.380	1.390	0.370	1.76	1.542	1.368	2.91

Land Use	Quantity	Unit	Trip Generation Estimates						
				AM Peak Hour			PM Peak Hour		
			Daily	In	Out	Total	In	Out	Total
Proposed									
Public Park	85.000	Acre	66	1	1	2	5	4	9
Soccer Complex	4	Field	285	2	2	4	43	22	65
Museum	12.500	KSF	*	3	0	3	0	2	2
Existing									
Golf Course	18	Hole	-547	-25	-7	-32	-28	-25	-53
Total Project Trips			-196	-19	-4	-23	20	3	23

[1] *Source:* Institute of Transportation Engineers (ITE) Trip Generation Manual, 10th Edition
* Trip generation rates not available

Project in High-Quality Transit Area (HQTA)

A project would be considered to have a less-than-significant transportation impact if the project is located within one-half mile of a Transit Priority Area (TPA) or HQTA. In accordance with SB 743, "Transit Priority Areas" are defined as "an area within one-half mile of a major transit stop that is existing or planned". A Major Transit Stop means: "a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service of 15 minutes or less during the morning and afternoon peak commute periods." A figure depicting TPAs in unincorporated Orange County, including HQTA corridors served by the Orange County Transportation Authority (OCTA) with service intervals of 15 minutes or less, is included in the County's *Transportation Implementation Manual*, and is provided in *Appendix B*. Based on the figure, the proposed project would not be located within one-half mile of a TPA.

The Project in High-Quality Transit Area threshold is not met.

Small Project

A project would be considered to have a less than significant transportation impact if the project generates 500 or fewer average daily trips (ADT). Based on the project trip generation (see Table 1), the proposed project is estimated to generate 351 daily trips. After applying existing trip credits, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis. Based on the proposed project daily trip estimates, the project would generate less than 500 ADT.

The Small Project threshold is met.

Public Facilities

A project would be considered to have a less than significant transportation impact if the project proposes development of institutional/government and public service uses that supports community health, safety, or welfare. The following includes some examples and is not an exhaustive list of public facilities that are screened from subsequent CEQA VMT analysis: police/sheriff stations, fire stations, community centers, refuse stations, and landfills. These facilities are already part of the community and, as a public service, the VMT is accounted for in the existing regional average. While the project is a regional park, the project would serve visitors within Orange County; therefore, the project may be considered as a public facility that serves the community.

The Public Facilities screening may be met.

Based on review of the VMT screening thresholds, the project meets the Small Project screening thresholds; therefore, the project would result in a less-than-significant transportation impact, and no additional VMT analysis is required.

LEVEL OF SERVICE (LOS) ANALYSIS

As noted in the project description, the proposed project would include a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue. The County of Orange would need an encroachment permit from the City of Fountain Valley for this proposed driveway. As such, a focused traffic analysis has been prepared for the proposed driveway in accordance with the City of Fountain Valley *Transportation Impact Assessment Guidelines for Land Use Projects in CEQA and for General Plan Consistency* (June 2020).

Analysis Scenarios

Based on the project trip generation (see Table 1), the proposed project would only add net new trips during the weekday evening peak hour. Therefore, this traffic analysis will provide an evaluation of evening peak hour operations for the following scenarios:

- Existing Conditions
- Existing Plus Project

The following study intersection is included in the analysis:

1. Euclid Street at Heil Avenue

Trip Generation

As noted in Table 1 (previously mentioned), the project is estimated to generate 351 trips on a daily basis, 9 total trips in the AM peak hour, and 76 total trips in the PM peak hour. Compared to the existing use, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour. The LOS analysis assumes the total project trips during the PM peak hour are added to the proposed signalized driveway intersection.

Volume Forecast Development

Existing Conditions

Due to the current school and business closures amid the COVID-19 pandemic, historical traffic counts were used at the study intersection. An ambient growth rate of one percent (1%) per year was applied to the historical traffic counts to develop existing 2021 volumes. Peak hour intersection traffic count worksheets are provided in *Appendix C*.

Existing Plus Project

Project trips, as mentioned in the "Trip Generation" section, were distributed at the proposed driveway (30% north / 70% south) and were added to the Existing Conditions baseline volumes to develop Existing Plus Project volumes. The Existing and Existing Plus Project peak hour volumes, as well as the existing and proposed lane configuration, are shown on Figure 2.

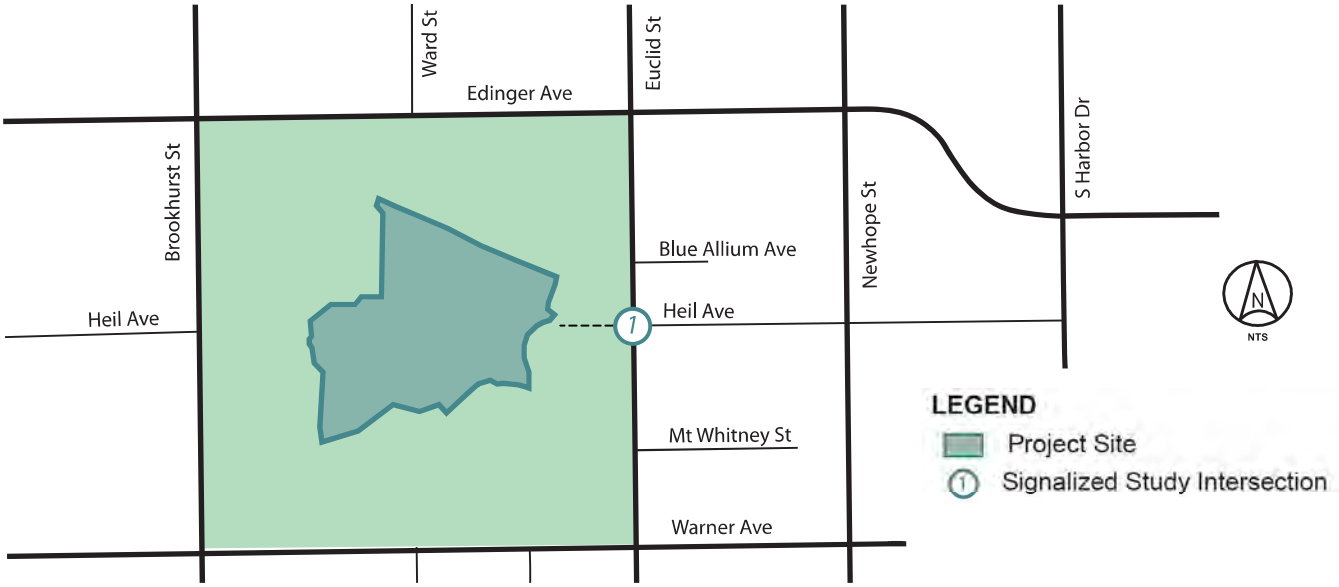
Intersection Level of Service (LOS) – ICU Methodology

Peak hour intersection operations were evaluated using the Intersection Capacity Utilization (ICU) methodology, which provides a comparison of the theoretical hourly vehicular capacity of an intersection to the number of vehicles actually passing through that intersection during a given hour. The ICU calculations assume a per-lane capacity of 1,700 vehicles per hour (vph) with a clearance interval of 0.05.

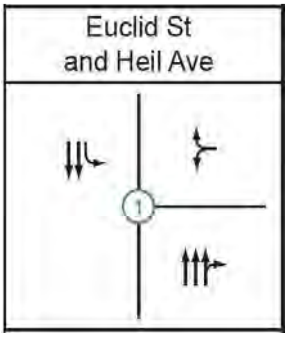
Operating conditions for the ICU methodology is expressed in terms of "Level of Service" which is also referred to by its acronym, LOS. The ICU calculation returns a volume-to-capacity (V/C) ratio that translates into a corresponding Level of Service, ranging from LOS A, representing uncongested, free-flowing conditions; to LOS F, representing congested, over-capacity conditions. A summary description of each Level of Service and the corresponding volume/capacity (v/c) ratio is provided on the chart below

LEVEL OF SERVICE DESCRIPTIONS		
Level of Service	Signalized: ICU V/C Ratio	Description
A	0.00 - 0.60	EXCELLENT – No vehicle waits longer than one red light, and no approach phase is fully used.
B	0.61 - 0.70	VERY GOOD – An occasional approach phase is fully utilized; drivers begin to feel somewhat restricted within groups of vehicles.
C	0.71 - 0.80	GOOD – Occasionally, drivers may have to wait through more than one red light; back-ups may develop behind turning vehicles.
D	0.81 - 0.90	FAIR – Delays may be substantial during portions of the rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive back-ups.
E	0.91 - 1.00	POOR – Represents the most vehicles that the intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.
F	> 1.00	FAILURE – Back-ups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths.
LOS = Level of Service; ICU = Intersection Capacity Utilization; V/C = volume-to-capacity		

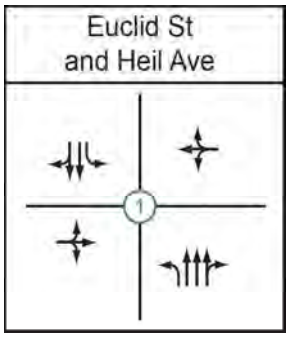
FIGURE 2



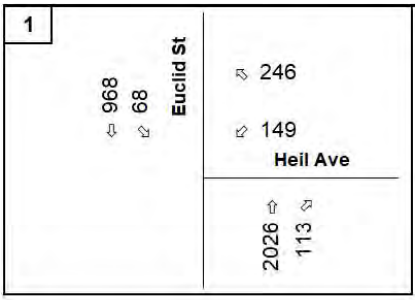
Existing Lane Configuration



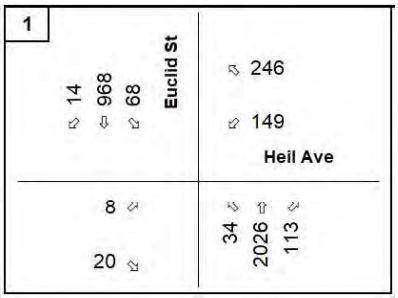
Existing Plus Project Lane Configuration



Existing PM Peak Hour Volumes



Existing Plus Project PM Peak Hour Volumes



The City of Fountain Valley Level of Service standard for intersection operation is Level of Service D or better. An intersection LOS summary table for Existing and Existing Plus Project conditions are shown in Table 2. Intersection analysis worksheets are provided in *Appendix D*. Review of Table 2 shows that the proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue would operate at an acceptable Level of Service (LOS B or better) during the PM peak hour under Existing and Existing Plus Project conditions.

FINDINGS AND CONCLUSIONS

The proposed project is estimated to generate 351 trips on a daily basis, 9 total trips in the AM peak hour, and 76 total trips in the PM peak hour. Compared to the existing golf course use, the project is estimated to generate approximately 196 fewer vehicle trips on a daily basis, -23 fewer trips in the morning peak hour, and 23 net new trips in the evening peak hour.

Based on review of the County's VMT screening thresholds, the project meets the Small Project (less than 500 ADT); therefore, the project would result in a less-than-significant impact, and no additional VMT analysis is required.

The proposed project would include a proposed driveway at the existing signalized intersection of Euclid Street at Heil Avenue. Review of an intersection LOS analysis for the proposed driveway shows that the project would operate at an acceptable Level of Service (LOS B or better) during the PM peak hour under Existing and Existing Plus Project conditions.

Please contact me if you have any questions or if you need additional information.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.



Trevor Briggs, P.E (C87664)

TABLE 2

SUMMARY OF INTERSECTION OPERATION

MILE SQUARE PARK EXPANSION

Intersection		Traffic Control	PM Peak Hour	
			ICU	LOS
EXISTING CONDITIONS				
1	Euclid Street at Heil Avenue	S	0.654	B
EXISTING PLUS PROJECT				
1	Euclid Street at Heil Avenue	S	0.659	B

Notes:

- Bold and shaded values indicate intersections operating at an unacceptable Level of Service.

- Intersection operation is expressed in volume-to-capacity (v/c) ratio for signalized intersections.

APPENDIX A

PROJECT SITE PLAN

Conceptual Master Plan

Legend

1. The Great Meadow (7.94 Acres)
2. Multiuse Playfield (7.65 Acres)
3. Civic Plaza (5.9 Acres)
4. Adventure Play Area (1 Acre)
5. Camp & Wilderness Area (.5 Acres)
6. 100 ft. Min. Tree Buffer
7. Shade Pavilion
8. Botanic Garden
9. Maintenance Yard and Storage
10. Phase 1 Perimeter Trail
11. Restrooms
12. Modified Pond
13. Visitor Center (12,500 SF)
14. Parking
15. Perimeter Screen Planting



EXPANSION AREA IS 93 ACRES TOTAL

MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Open Lawn and Terraced Amphitheater

Potential Activities:

Open Lawn

- Large Concerts, Summer Concerts or Events
- Car or Dog Show
- Drone Flying
- Model Airplane Flying
- Lawn Games

Terraced Amphitheater

- Smaller Concerts/Educational/Community Events
- Graduation/Public Ceremonies
- Corporate Events













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Shade Pavilion and Plaza

Potential Activities:

Shade Pavilion

- Art Exhibitions
- Educational/Historical Exhibitions
- Outdoor Yoga, Tai Chi, or Other Exercise
- Food Festival
- Small Concerts
- Health Expos

Plaza

- Farmers Market
- Graduation/Other Ceremonies
- Food Trucks
- Outdoor Dining













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Historical Boardwalk and Turf Fields

Potential Activities:

Historical Promenade

- Historical Elements/Plaques to Commemorate the History of Mile Square Park
- Farmers Markets
- Charity Walk/Events

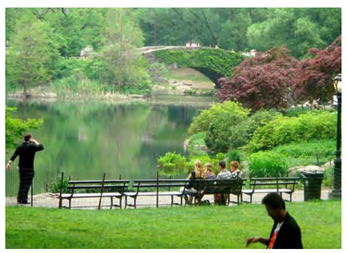
Turf Fields

- Overflow Parking for Large Events
- Car or Dog Show/Event
- Farmers Market











MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

Botanic Garden and Nature Camp with Adventure Play

Potential Activities:

Botanic Garden

- Garden Tours
- Educational Planting Workshops
- Native Planting Events
- Monarch Butterfly Event
- Lookout Knoll at Center of Park

Nature Camp with Adventure Play

- Summer Camp
- Walking Trails Through Nature Areas
- Marsh/Lake Education Area
- Picnic Areas
- Large Playground with Opportunities for Creative Exploration and Connection to Nature
- Play Areas for Multiple Age Groups
- Group Campground













MILE SQUARE REGIONAL PARK

OC parks

COUNTY OF ORANGE CALIFORNIA

APPENDIX B

TRAFFIC COUNT WORKSHEETS

INTERSECTION TURNING MOVEMENT COUNTS

T816

PREPARED BY: AimTD LLC. tel: 714 253 7888 cs@aimtd.com

DATE: Wed, May 31, 17

LOCATION: Fountain Valley
NORTH & SOUTH: Euclid
EAST & WEST: Heil

PROJECT #: SC1199
LOCATION #: 5
CONTROL: SIGNAL

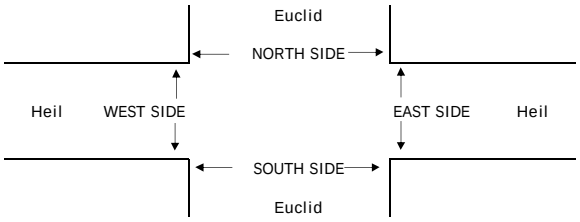
NOTES:

AM / PM / MD / OTHER / OTHER — ▲ N / ◄ W / E ► / S ▼

☑ Add U-Turns to Left Turns

		NORTHBOUND (Euclid)			SOUTHBOUND (Euclid)			EASTBOUND (Heil)			WESTBOUND (Heil)			
	LANES:	NL X	NT 3	NR 0	SL 1	ST 2	SR X	EL X	ET X	ER X	WL 1	WT X	WR 1	TOTAL
AM	7:00 AM	0	137	5	24	498	0	0	0	0	26	0	8	698
	7:15 AM	0	208	16	38	564	0	0	0	0	28	0	12	866
	7:30 AM	0	237	23	34	567	0	0	0	0	59	0	20	940
	7:45 AM	0	237	19	47	603	0	0	0	0	54	0	12	972
	8:00 AM	0	202	26	36	512	0	0	0	0	39	0	13	828
	8:15 AM	0	239	24	32	476	0	0	0	0	36	0	17	824
	8:30 AM	0	164	12	49	482	0	0	0	0	33	0	16	756
	8:45 AM	0	170	21	43	496	0	0	0	0	37	0	20	787
	VOLUMES	0	1,594	146	303	4,198	0	0	0	0	312	0	118	6,671
	APPROACH %	0%	92%	8%	7%	93%	0%	0%	0%	0%	73%	0%	27%	
	APP/DEPART	1,740	/	1,712	4,501	/	4,510	0	/	449	430	/	0	0
	BEGIN PEAK HR		7:15 AM											
	VOLUMES	0	884	84	155	2,246	0	0	0	0	180	0	57	3,606
	APPROACH %	0%	91%	9%	6%	94%	0%	0%	0%	0%	76%	0%	24%	
	PEAK HR FACTOR		0.931			0.923			0.000			0.750		0.927
	APP/DEPART	968	/	941	2,401	/	2,426	0	/	239	237	/	0	0
MIDDAY	11:00 AM	0	188	17	13	170	0	0	0	0	11	0	14	413
	11:15 AM	0	199	17	16	174	0	0	0	0	23	0	18	447
	11:30 AM	0	246	11	14	237	0	0	0	0	14	0	11	533
	11:45 AM	0	205	13	9	189	0	0	0	0	19	0	14	449
	12:00 PM	0	245	18	18	208	0	0	0	0	21	0	22	532
	12:15 PM	0	242	23	12	238	0	0	0	0	14	0	19	548
	12:30 PM	0	244	18	14	221	0	0	0	0	14	0	12	523
	12:45 PM	0	267	22	19	279	0	0	0	0	16	0	16	619
	VOLUMES	0	1,836	139	115	1,716	0	0	0	0	132	0	126	4,064
	APPROACH %	0%	93%	7%	6%	94%	0%	0%	0%	0%	51%	0%	49%	
	APP/DEPART	1,975	/	1,962	1,831	/	1,848	0	/	254	258	/	0	0
	BEGIN PEAK HR		12:00 PM											
	VOLUMES	0	998	81	63	946	0	0	0	0	65	0	69	2,222
	APPROACH %	0%	92%	8%	6%	94%	0%	0%	0%	0%	49%	0%	51%	
	PEAK HR FACTOR		0.933			0.846			0.000			0.779		0.897
	APP/DEPART	1,079	/	1,067	1,009	/	1,011	0	/	144	134	/	0	0
PM	4:00 PM	0	468	27	17	220	0	0	0	0	26	0	45	803
	4:15 PM	0	480	29	7	269	0	0	0	0	26	0	52	863
	4:30 PM	0	464	25	13	250	0	0	0	0	29	0	38	819
	4:45 PM	0	453	27	12	250	0	0	0	0	33	0	56	831
	5:00 PM	0	536	27	17	228	0	0	0	0	41	0	57	906
	5:15 PM	0	497	29	17	217	0	0	0	0	43	0	55	858
	5:30 PM	0	462	26	19	236	0	0	0	0	26	0	69	838
	5:45 PM	0	434	29	14	209	0	0	0	0	33	0	80	799
	VOLUMES	0	3,794	219	116	1,879	0	0	0	0	257	0	452	6,717
	APPROACH %	0%	95%	5%	6%	94%	0%	0%	0%	0%	36%	0%	64%	
	APP/DEPART	4,013	/	4,246	1,995	/	2,136	0	/	335	709	/	0	0
	BEGIN PEAK HR		4:45 PM											
	VOLUMES	0	1,948	109	65	931	0	0	0	0	143	0	237	3,433
	APPROACH %	0%	95%	5%	7%	93%	0%	0%	0%	0%	38%	0%	62%	
	PEAK HR FACTOR		0.913			0.950			0.000			0.969		0.947
	APP/DEPART	2,057	/	2,185	996	/	1,074	0	/	174	380	/	0	0

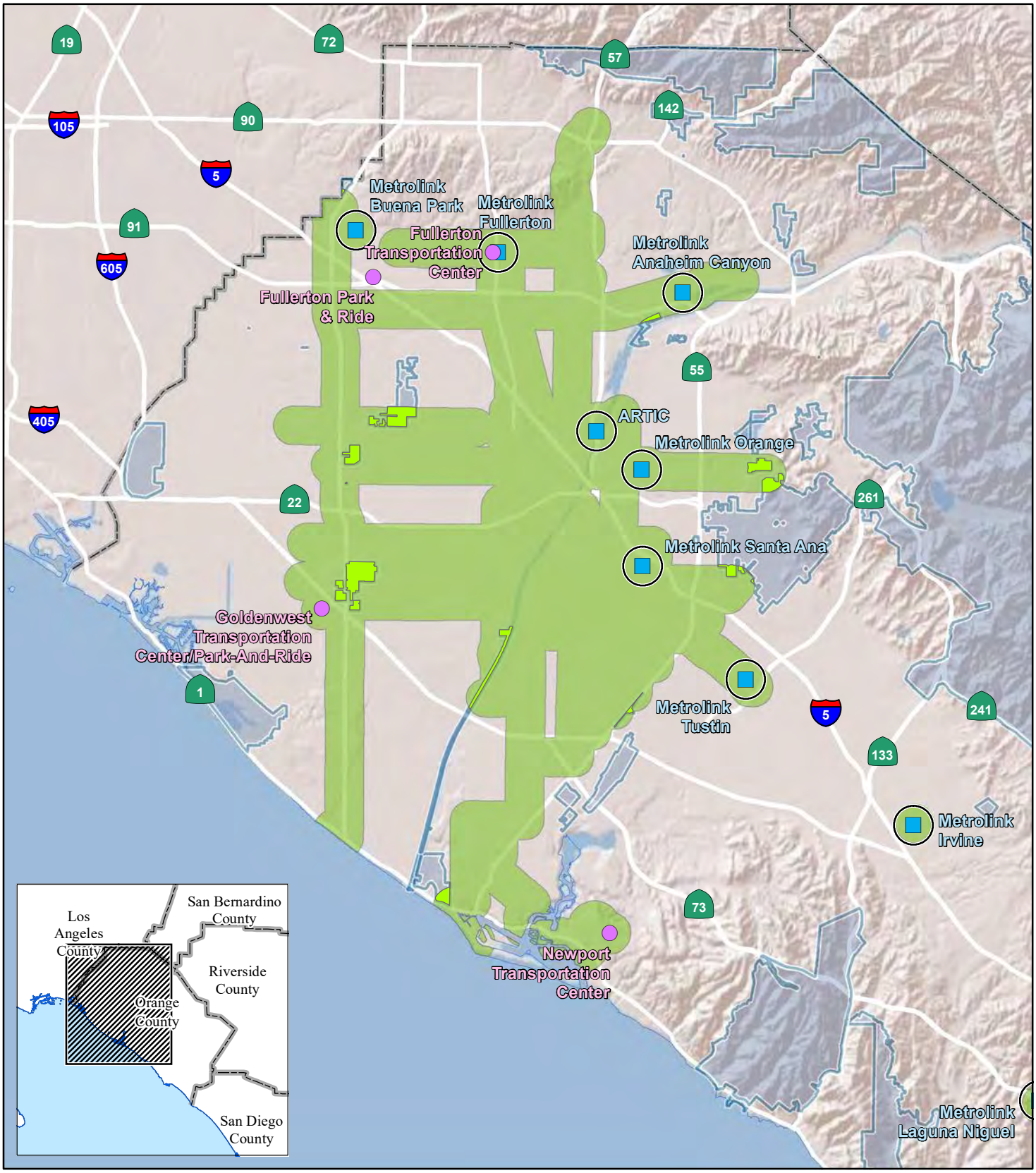
U-TURNS					
NB	SB	EB	WB	TTL
0	0	0	0	
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0



		PEDESTRIAN + BIKE CROSSINGS					PEDESTRIAN CROSSINGS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0
	7:15 AM	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0
	7:30 AM	0	0	2	0	2	0	0	2	0	2	0	0	0	0	0
	7:45 AM	1	1	2	0	4	0	0	1	0	1	1	1	1	0	3
	8:00 AM	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0
	8:15 AM	1	3	1	0	5	0	3	1	0	4	1	0	0	0	1
	8:30 AM	1	1	1	0	3	0	1	1	0	2	1	0	0	0	1
	8:45 AM	1	3	2	0	6	1	2	2	0	5	0	1	0	0	1
	TOTAL	6	10	9	0	25	3	8	8	0	19	3	2	1	0	6
MIDDAY	11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:15 AM	2	4	0	0	6	2	4	0	0	6	0	0	0	0	0
	11:30 AM	1	0	4	0	5	0	0	1	0	1	1	0	3	0	4
	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	2	1	0	3	0	2	1	0	3	0	0	0	0	0
	12:15 PM	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0
	12:30 PM	0	2	2	0	4	0	2	2	0	4	0	0	0	0	0
	12:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1
	TOTAL	4	9	7	0	20	3	8	4	0	15	1	1	3	0	5
PM	4:00 PM	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1
	4:15 PM	0	1	1	0	2	0	1	0	0	1	0	0	1	0	1
	4:30 PM	1	1	2	0	4	1	0	2	0	3	0	1	0	0	1
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	1	1	1	0	3	0	1	0	0	1	1	0	1	0	2
	5:15 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0
	5:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1
	5:45 PM	0	2	0	0	2	0	2	0	0	2	0	0	0	0	0
	TOTAL	2	9	4	0	15	1	6	2	0	9	1	3	2	0	6

APPENDIX C

COUNTY OF ORANGE
TRANSIT PRIORITY AREAS (TPA)



LSA

LEGEND

- Unincorporated Areas of Orange County
- High Quality Transit Areas
- Unincorporated Areas within High Quality Transit Areas
- Transportation Centers
- Metrolink Station (with half-mile buffer)

N

0 1.75 3.5
MILES

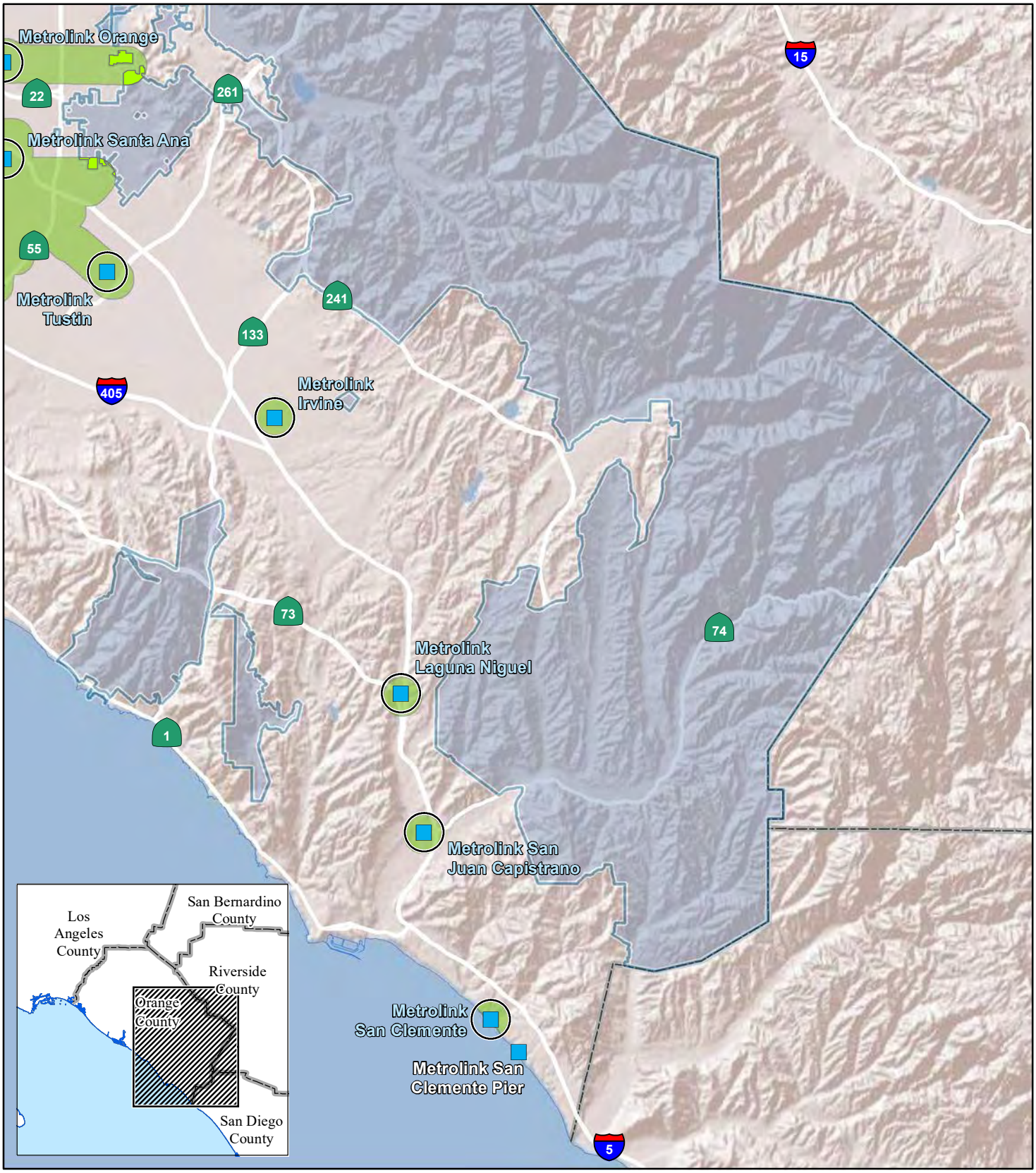
FIGURE 4
Sheet 1 of 2

CEQA Transportation Thresholds of Significance Guide

County of Orange Transit Priority Areas

SOURCE: OCPW (3/2020), SCAG (6/2019); OCTA (11/2019); Bing (2019)

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LSA

LEGEND

- Unincorporated Areas of Orange County
- High Quality Transit Areas
- Unincorporated Areas within High Quality Transit Areas
- Transportation Centers
- Metrolink Station (with half-mile buffer)

N

0 1.75 3.5
MILES

FIGURE 4
Sheet 2 of 2

CEQA Transportation Thresholds of Significance Guide

County of Orange Transit Priority Areas

SOURCE: OCPW (3/2020), SCAG (6/2019); OCTA (11/2019); Bing (2019)

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APPENDIX D

INTERSECTION ANALYSIS
WORKSHEETS

Mile Square Park Expansion

Vistro File: K:\...\Mile_Square_Park_PM_TBB.vistro
Report File: K:\...\1 - EX PM.pdf

Scenario 1 EX PM
2/15/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Euclid St & Heil Ave	Signalized	ICU 1	NB Thru	0.654	-	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Euclid St & Heil Ave

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.654

Intersection Setup

Name	Euclid Street		Euclid Street		Heil Avenue	
Approach	Northbound		Southbound		Westbound	
Lane Configuration						
Turning Movement	Thru	Right	Left	Thru	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	1	0	0	1
Pocket Length [ft]	100.00	100.00	190.00	100.00	100.00	75.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name	Euclid Street		Euclid Street		Heil Avenue	
Base Volume Input [veh/h]	1948	109	65	931	143	237
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	2026	113	68	968	149	246
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	507	28	17	242	37	62
Total Analysis Volume [veh/h]	2026	113	68	968	149	246
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	5.00

Phasing & Timing

Control Type	Permissive	Permissive	ProtPerm	Permissive	Permissive	Permissive
Signal Group	6	0	5	2	4	0
Auxiliary Signal Groups						
Lead / Lag	-	-	Lead	-	Lead	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.42	0.42	0.04	0.28	0.09	0.14
Intersection LOS	B					
Intersection V/C	0.654					

Mile Square Park Expansion

Vistro File: K:\...\Mile_Square_Park_PM_TBB.vistro
Scenario 2 EX WP PM

Report File: K:\...\2 - EX WP PM.pdf
2/15/2021

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Euclid St & Heil Ave	Signalized	ICU 1	NB Thru	0.659	-	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Euclid St & Heil Ave

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.659

Intersection Setup

Name	Euclid Street			Euclid Street			Heil Avenue			Heil Avenue		
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	190.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	75.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name	Euclid Street			Euclid Street			Heil Avenue			Heil Avenue		
Base Volume Input [veh/h]	0	1948	109	65	931	0	0	0	0	143	0	237
Base Volume Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Heavy Vehicles Percentage [%]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Growth Factor	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400	1.0400
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	34	0	0	0	0	14	8	0	20	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	34	2026	113	68	968	14	8	0	20	149	0	246
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	9	507	28	17	242	4	2	0	5	37	0	62
Total Analysis Volume [veh/h]	34	2026	113	68	968	14	8	0	20	149	0	246
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	5.00

Phasing & Timing

Control Type	ProtPer	Permiss	Permiss	ProtPer	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss
Signal Group	1	6	0	5	2	0	0	8	0	4	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.42	0.42	0.04	0.29	0.29	0.00	0.00	0.02	0.09	0.00	0.14
Intersection LOS	B											
Intersection V/C	0.659											

Appendix C

Applicable Noise Standards at Analyzed Receiver Locations

Table C-1. Applicable Daytime Noise Standards at Analyzed Receiver Locations

Receiver	Represented Land Use(s)	Corresponding Ambient Noise Measurement Site	Measured Daytime Ambient, L_{50} (dBA)[1]	Daytime Municipal Code Standard, L_{50} (dBA)[2]	Applicable Daytime Construction Noise Standard, L_{50} (dBA)[3]	Applicable Daytime Amphitheater Noise Standard, L_{50} (dBA)[3,4]
East of Mile Square						
R1 through R6	Single-Family Residential	LT2	66.3	55.0	66.3	61.3
R7 through R9	Single-Family Residential	ST1	66.0	55.0	66.0	61.0
North of Mile Square						
R10	Multi-Family Residential	LT1	66.1	55.0	66.1	61.1
R11	Multi-Family Residential Pool Area	LT1	66.1	55.0	66.1	61.1
R12 and R13	Multi-Family Residential	LT1	66.1	55.0	66.1	61.1
R14 through R21	Single-Family Residential	LT1	66.1	55.0	66.1	61.1
West of Mile Square						
R22 through R29	Single-Family Residential	ST2	64.9	55.0	64.9	59.9
R30	Place of Worship	ST2	64.9	55.0	64.9	59.9
R31	Single-Family Residential	ST2	64.9	55.0	64.9	59.9
South of Mile Square						
R32 through R39	Multi-Family Residential	LT3	63.3	55.0	63.3	58.3
R40 through R43	Single-Family Residential	LT3	63.3	55.0	63.3	58.3

[1] The daytime ambient noise level was calculated by taking the A-weighted energy average L_{50} during the daytime hours (7 a.m. - 10 p.m.) from the corresponding ambient noise measurement site (see Table 3.11-2 in Section 3.11 *Noise and Vibration* of this EIR).

[2] From Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code (see Table 3.11-5 in Section 3.11 *Noise and Vibration* of this EIR). Represents the noise level that may not be exceeded for more than 30 minutes per hour (i.e., L_{50}).

[3] Per Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code, if the measured ambient noise level exceeds the municipal code standard then the standard shall be raised to reflect the ambient noise level.

[4] Per Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code, if the alleged offensive noise consists entirely of impact noise, simple tone noise, speech, music, or any combination thereof, each of the noise levels specified in the above table shall be reduced by five dBA.

L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.

Table C-2. Applicable Nighttime Noise Standards at Analyzed Receiver Locations

Receiver	Represented Land Use(s)	Corresponding Ambient Noise Measurement Site	Measured Nighttime Ambient, L_{50} (dBA)[1]	Nighttime Municipal Code Standard, L_{50} (dBA)[2]	Applicable Nighttime Construction Noise Standard, L_{50} (dBA)[3]	Applicable Nighttime Amphitheater Noise Standard, L_{50} (dBA)[3,4]
East of Mile Square						
R1 through R6	Single-Family Residential	LT2	59.2	50.0	59.2	54.2
R7 through R9	Single-Family Residential	LT2	59.2	50.0	59.2	54.2
North of Mile Square						
R10	Multi-Family Residential	LT1	55.2	50.0	55.2	50.2
R11	Multi-Family Residential Pool Area	LT1	55.2	50.0	55.2	50.2
R12 and R13	Multi-Family Residential	LT1	55.2	50.0	55.2	50.2
R14 through R21	Single-Family Residential	LT1	55.2	50.0	55.2	50.2
West of Mile Square						
R22 through R29	Single-Family Residential	LT4	64.3	50.0	64.3	59.3
R30	Place of Worship	LT4	64.3	50.0	64.3	59.3
R31	Single-Family Residential	LT4	64.3	50.0	64.3	59.3
South of Mile Square						
R32 through R39	Multi-Family Residential	LT3	56.9	50.0	56.9	51.9
R40 through R43	Single-Family Residential	LT3	56.9	50.0	56.9	51.9

[1] The nighttime ambient noise level was calculated by taking the A-weighted energy average L_{50} during the nighttime hours (10 p.m. - 7 a.m.) from the corresponding ambient noise measurement site (see Table 3.11-2 in Section 3.11 *Noise and Vibration* of this EIR).

[2] From Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code (see Table 3.11-5 in Section 3.11 *Noise and Vibration* of this EIR). Represents the noise level that may not be exceeded for more than 30 minutes per hour (i.e., L_{50}) during nighttime hours.

[3] Per Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code, if the measured ambient noise level exceeds the municipal code standard then the standard shall be raised to reflect the ambient noise level.

[4] Per Section 6.28.050 and 6.28.060 of the City of Fountain Valley Municipal Code, if the alleged offensive noise consists entirely of impact noise, simple tone noise, speech, music, or any combination thereof, each of the noise levels specified in the above table shall be reduced by five dBA.

L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.

Appendix D

Loudspeaker Directivity Specifications

AW266 High Power 2-Way All Weather Loudspeaker with 1 x 12" LF

Professional Series

Key Features:

- Weather-Resistant, All Fiberglass Enclosure
- 60° x 60° Coverage
- 2262H Differential Drive® Low-Frequency Driver
- 2432H High Frequency Compression Driver
- Large PT™ Progressive Transition waveguide for excellent pattern control and low distortion
- Available in Gray and Black finish
- 400 W, 70/100V Transformer Included
- U-type Mounting Bracket Included

Applications:

- Sports Facilities
- Themed Entertainment Venues
- Outdoor Entertainment Centers
- Cruise Ships
- Water Parks

The AW266 is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2262H 300 mm (12 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) exit, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 60° x 60° coverage. The loudspeaker system can used in either the vertical or horizontal orientation.

The enclosure is constructed of multilayer glass composite and is heavily braced to maximize low-frequency performance. The 16-gauge stainless steel grille, backed with open cell foam and stainless steel mesh, provides excellent protection in the harshest environments. The system can be operated as an 8-ohm device and is equipped with a 400W transformer for 70/100V applications.

A corrosion-resistant extra-thick zinc-plated polyester powder coated U-type mounting bracket is included.

The AW266 is part of JBL's AE Series, a versatile family of loudspeakers intended for a wide variety of applications.



Specifications:

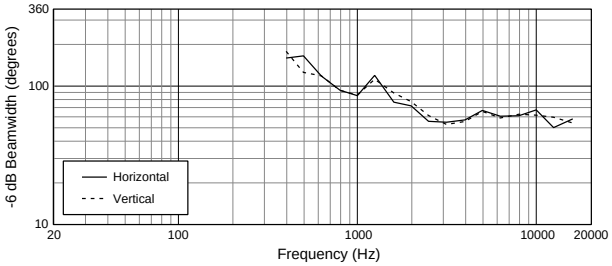
System:	
Frequency Range (-10 dB):	40 Hz – 20 kHz
Frequency Response (±3 dB):	51 Hz – 18 kHz
Coverage Pattern:	60° x 60° waveguide
Directivity Factor (Q):	15.8
Directivity Index (DI):	12 dB
Crossover Frequency:	1.1 kHz
Long-Term System Power Rating (IEC)[1]:	500 W (2000 W peak) 100 hrs
Maximum SPL[2]:	126 dB SPL (132 dB peak)
System Sensitivity (1W @ 1m)[3]:	98 dB
70V / 100V Transformer Taps[4]:	70V: 400 W, 200 W, 100W 100V: 400W, 200W
Transducers:	
Low Frequency Driver:	1 x JBL 2262H 300 mm (12 in) Differential Drive® driver with 75 mm (3 in) dual voice coil
Nominal Impedance:	8 ohms
Sensitivity[3] (1W @ 1m, within operational band):	96 dB SPL
High Frequency Driver:	JBL 2432H, 38 mm (1.5 in) exit compression driver, 75 mm (3 in) voice coil
Nominal Impedance:	8 ohms
Sensitivity[6] (1W @ 1m):	113 dB SPL
Waveguide:	PT-H66HF-1
Physical:	
Enclosure:	Hand-Laminated Fiberglass, gray gelcoat (similar to Pantone 420C), available in black (-BK)
Suspension Attachment:	2 x M10 for Included U-Bracket, 2 x M6 for aiming stabilization, 1 x M10 on rear for safety.
Grille:	Three layer grille assemblies consisting of 16-gauge powder coated stainless steel, backed with open cell foam and stainless steel mesh.
Input Connector:	CE-compliant covered barrier strip terminals. Barrier terminals accept up to 5.2 sq mm (10 AWG) wire or max width 9 mm (.375 in) spade lugs.
Environmental Specifications:	IP55C per IEC 529
Dimensions (H x W x D in horizontal cabinet orientation):	409 x 732 x 452 mm (16.1 x 28.8 x 17.8 in)
Net Weight:	25.2 kg (55.5 lb)

[1]IEC standard, full bandwidth pink noise with 6 dB crest factor, 100 hours.
[2]Calculated based on power rating and sensitivity, exclusive of power compression.
[3]Anechoic sensitivity in free field, no additional sensitivity gain from boundary loading.
[4]Per EN54-24 Components of voice alarm system - loudspeakers:70V/400W (35V RMS, 70V peak), 100V/400W (50V RMS, 100V peak).

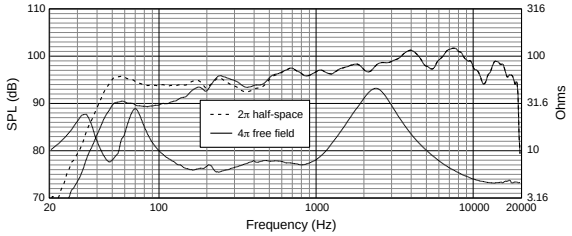
JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.

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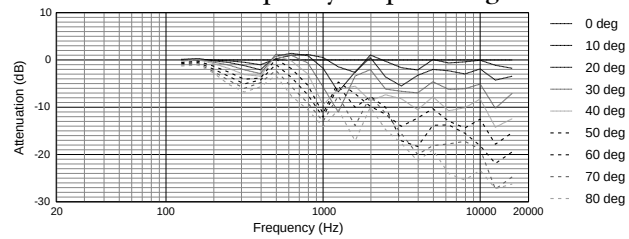
Beamwidth



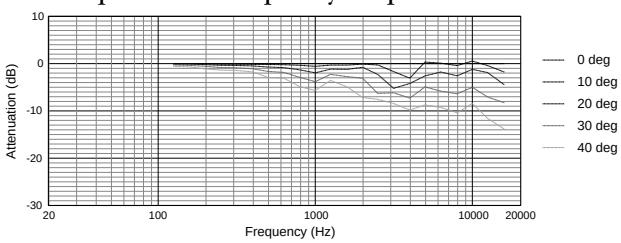
Frequency Response and Impedance



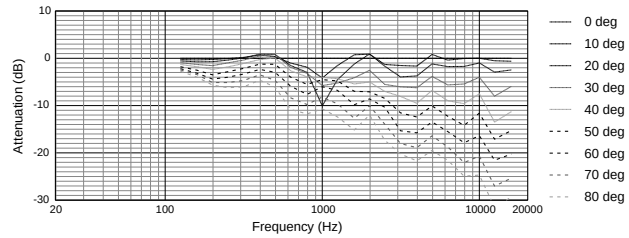
Horizontal Off-Axis Frequency Response Right



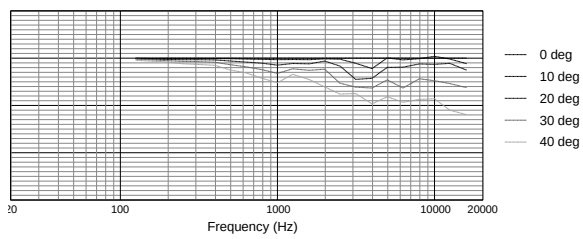
Vertical Up Off-Axis Frequency Response



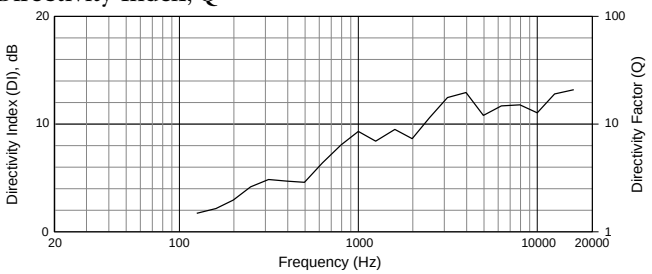
Horizontal Off-Axis Frequency Response Left



Vertical Down Off-Axis Frequency Response



Directivity Index, Q

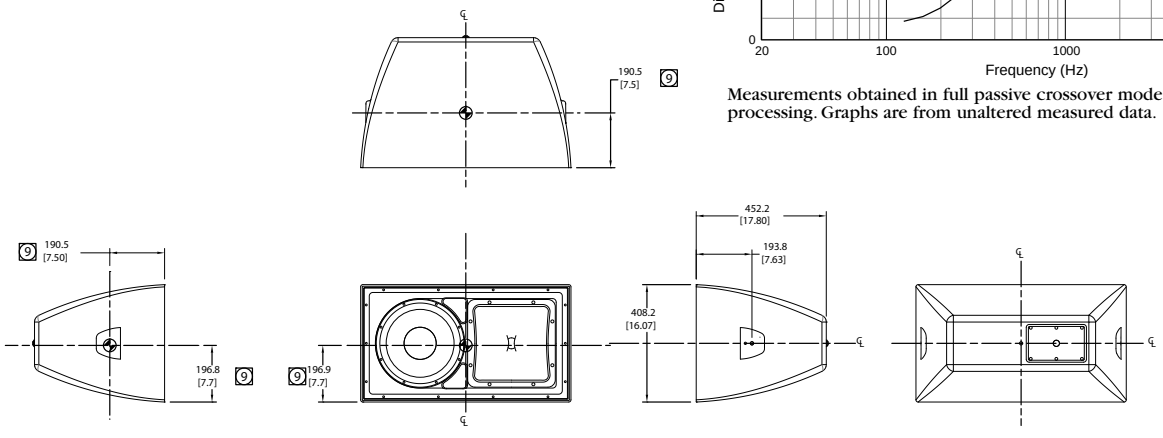


Measurements obtained in full passive crossover mode with no signal processing. Graphs are from unaltered measured data.

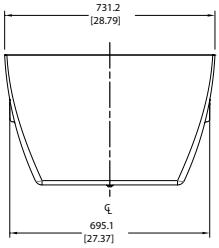
Dimensions

Dimensions in mm (in)

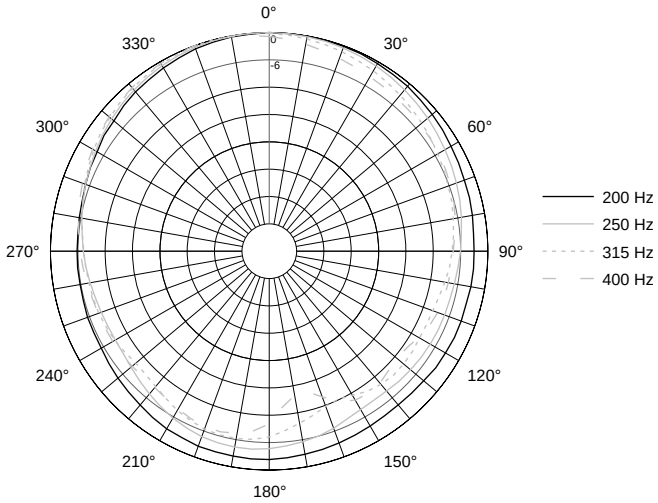
For more detailed dimensional information, refer to Application Data Sheet

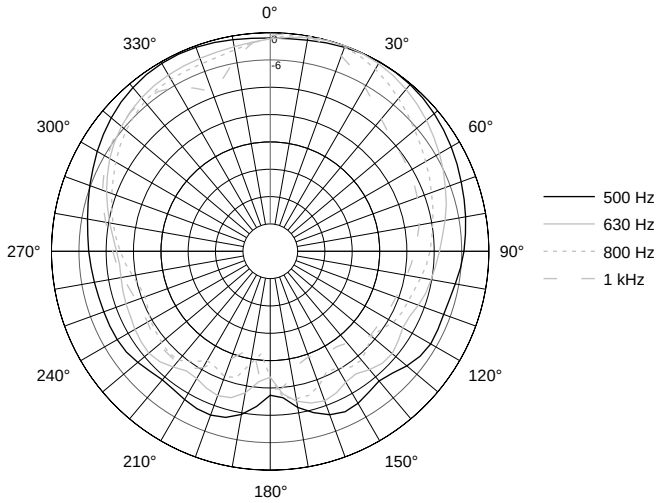


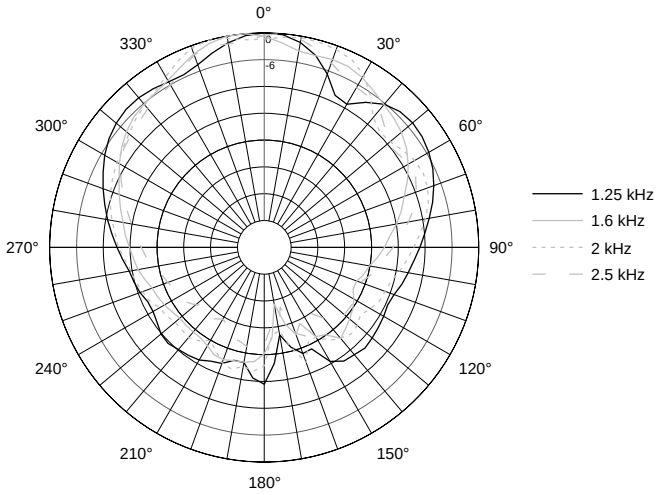
9 INDICATED DIMENSIONS ARE TO CENTER OF GRAVITY (CG)

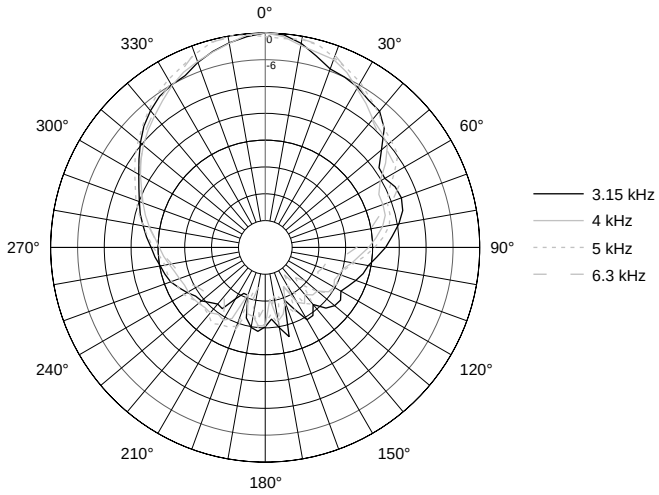


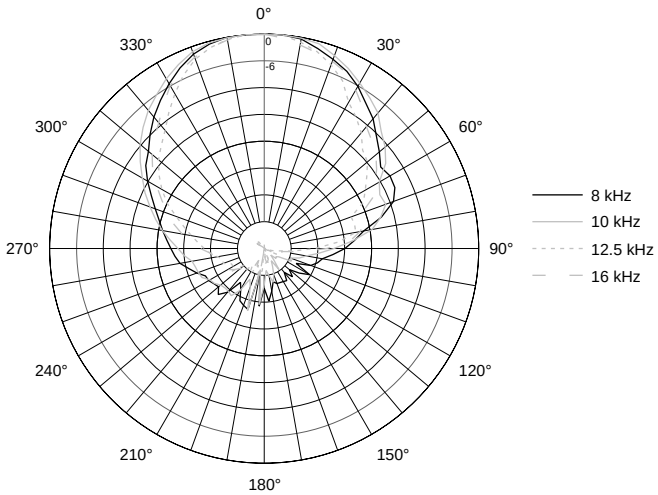
Horizontal 1/3 Octave Polars





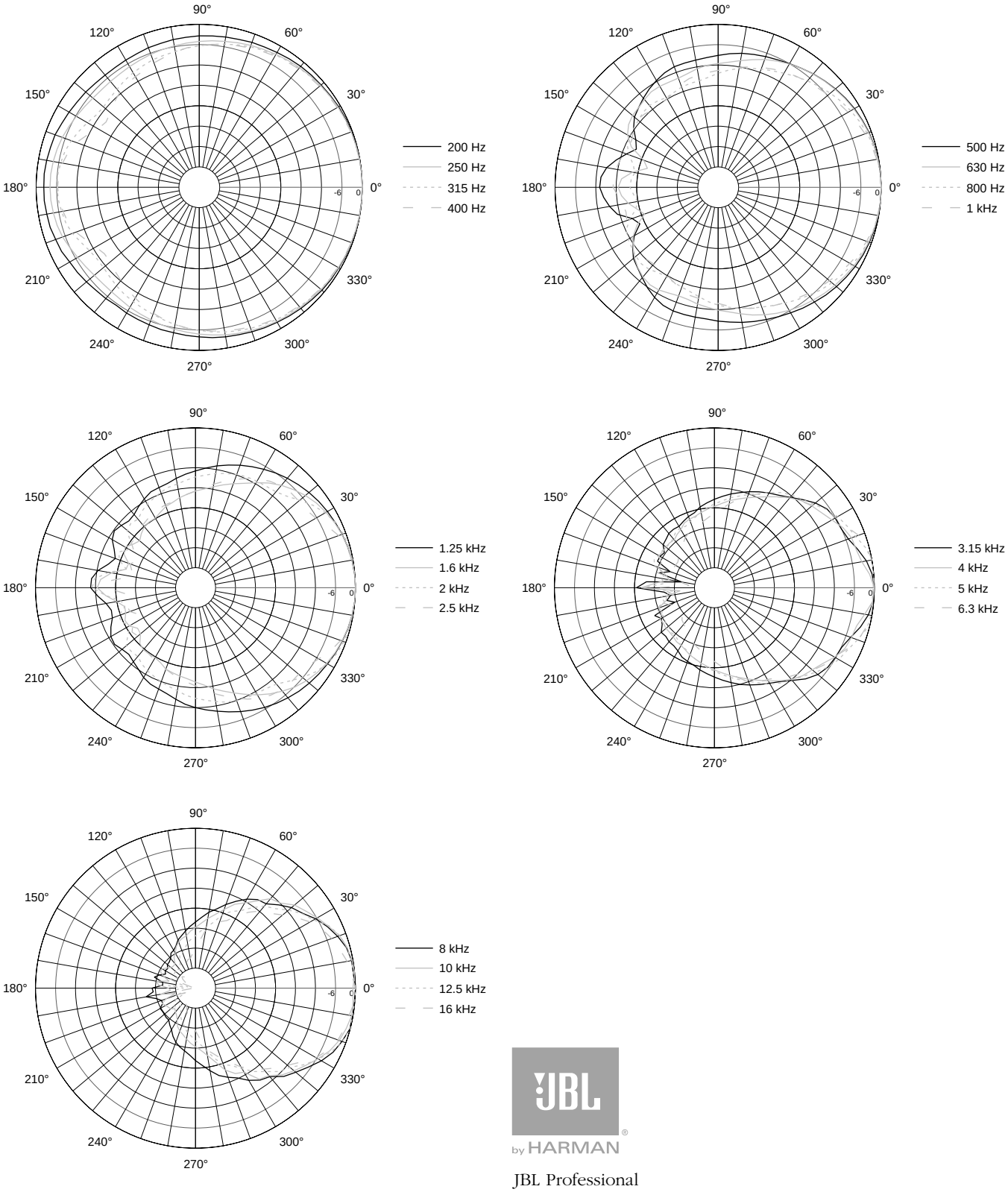






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Vertical 1/3 Octave Polars



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Appendix E

Construction Noise Analysis Results

Table E-1. Predicted Construction Noise Levels by Individual Receiver

Receiver	Represented Land Use(s)	Range of Construction Noise Levels, L_{50} (dBA)	Applicable Daytime Construction Noise Standard, L_{50} (dBA)[1]	Impact Relative to Daytime Construction Noise Standard	Applicable Nighttime Construction Noise Standard, L_{50} (dBA)[2]	Impact Relative to Nighttime Construction Noise Standard
East of Mile Square						
R1	Single-Family Residential	38.2 to 55.6	66.3	LTS	59.2	LTS
R2	Single-Family Residential	38.3 to 56.5	66.3	LTS	59.2	LTS
R3	Single-Family Residential	40.6 to 59.2	66.3	LTS	59.2	S
R4	Single-Family Residential	41.8 to 61.3	66.3	LTS	59.2	S
R5	Single-Family Residential	43.3 to 64.5	66.3	LTS	59.2	S
R6	Single-Family Residential	43.8 to 63.9	66.3	LTS	59.2	S
R7	Single-Family Residential	41.8 to 62.7	66.0	LTS	59.2	S
R8	Single-Family Residential	33 to 58	66.0	LTS	59.2	LTS
R9	Single-Family Residential	34.9 to 53.7	66.0	LTS	59.2	LTS
North of Mile Square						
R10	Multi-Family Residential	25 to 44.1	66.1	LTS	55.2	LTS
R11	Multi-Family Residential Pool Area	34.3 to 52.2	66.1	LTS	55.2	LTS
R12	Multi-Family Residential	39.1 to 56.8	66.1	LTS	55.2	S
R13	Multi-Family Residential	40.6 to 58.6	66.1	LTS	55.2	S
R14	Single-Family Residential	42.1 to 60.3	66.1	LTS	55.2	S
R15	Single-Family Residential	42.9 to 61.1	66.1	LTS	55.2	S
R16	Single-Family Residential	42.7 to 59.7	66.1	LTS	55.2	S
R17	Single-Family Residential	41.2 to 57.9	66.1	LTS	55.2	S
R18	Single-Family Residential	41.3 to 57.3	66.1	LTS	55.2	S
R19	Single-Family Residential	38.1 to 54.3	66.1	LTS	55.2	LTS
R20	Single-Family Residential	36.7 to 52.7	66.1	LTS	55.2	LTS
R21	Single-Family Residential	34.8 to 51	66.1	LTS	55.2	LTS

[1] See Table C-1 in Appendix C.

[2] See Table C-2 in Appendix C.

LTS = less-than-significant impact; S = significant impact; L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.

Table E-1. Predicted Construction Noise Levels by Individual Receiver

Receiver	Represented Land Use(s)	Range of Construction Noise Levels, L_{50} (dBA)	Applicable Daytime Construction Noise Standard, L_{50} (dBA)[1]	Impact Relative to Daytime Construction Noise Standard	Applicable Nighttime Construction Noise Standard, L_{50} (dBA)[2]	Impact Relative to Nighttime Construction Noise Standard
West of Mile Square						
R22	Single-Family Residential	39.2 to 55.1	64.9	LTS	64.3	LTS
R23	Single-Family Residential	36.4 to 52.4	64.9	LTS	64.3	LTS
R24	Single-Family Residential	39.9 to 55.7	64.9	LTS	64.3	LTS
R25	Single-Family Residential	38.7 to 54.4	64.9	LTS	64.3	LTS
R26	Single-Family Residential	40.9 to 56.6	64.9	LTS	64.3	LTS
R27	Single-Family Residential	40.3 to 56	64.9	LTS	64.3	LTS
R28	Single-Family Residential	37.7 to 53.4	64.9	LTS	64.3	LTS
R29	Single-Family Residential	37.4 to 53.2	64.9	LTS	64.3	LTS
R30	Place of Worship	37.2 to 52.9	64.9	LTS	64.3	LTS
R31	Single-Family Residential	37.5 to 53.3	64.9	LTS	64.3	LTS
South of Mile Square						
R32	Multi-Family Residential	37.4 to 53.2	63.3	LTS	56.9	LTS
R33 (2nd Floor Balcony)	Multi-Family Residential	37.9 to 53.6	63.3	LTS	56.9	LTS
R34	Multi-Family Residential	38.4 to 54.1	63.3	LTS	56.9	LTS
R35 (2nd Floor Balcony)	Multi-Family Residential	39.1 to 54.9	63.3	LTS	56.9	LTS
R36	Multi-Family Residential	38.7 to 54.5	63.3	LTS	56.9	LTS
R37 (2nd Floor Balcony)	Multi-Family Residential	39.4 to 55.2	63.3	LTS	56.9	LTS
R38	Multi-Family Residential	38.8 to 54.7	63.3	LTS	56.9	LTS
R39 (2nd Floor Balcony)	Multi-Family Residential	39.7 to 55.5	63.3	LTS	56.9	LTS
R40	Single-Family Residential	37.8 to 53.8	63.3	LTS	56.9	LTS
R41	Single-Family Residential	38.2 to 54.4	63.3	LTS	56.9	LTS
R42	Single-Family Residential	37.9 to 54.3	63.3	LTS	56.9	LTS
R43	Single-Family Residential	27.6 to 44.7	63.3	LTS	56.9	LTS

[1] See Table C-1 in Appendix C.

[2] See Table C-2 in Appendix C.

LTS = less-than-significant impact; S = significant impact; L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.

Table E-2. Predicted Construction Noise Levels by Construction Phase/Component

Receiver	Construction Noise Levels, L_{50} (dBA)								
	Phase 1, 3, 4, and 5					Phase 3, 4, and 5			
	Demolition	Site Prep	Demolition + Site Prep	Construction	Site Prep + Construction	Paving	Construction + Paving	Architectural Coating	Paving + Architectural Coating
East of Mile Square									
R1	50.9	50.1	53.6	48.6	52.4	50.6	52.7	38.2	50.8
R2	51.0	50.2	53.7	48.7	52.5	50.7	52.8	38.3	50.9
R3	53.3	52.5	56.0	51.0	54.8	53.0	55.1	40.6	53.2
R4	54.5	53.7	57.2	52.2	56.0	54.2	56.3	41.8	54.4
R5	56.0	55.2	58.7	53.7	57.5	55.7	57.8	43.3	55.9
R6	56.5	55.7	59.2	54.2	58.0	56.2	58.3	43.8	56.4
R7	54.5	53.7	57.2	52.2	56.0	54.2	56.3	41.8	54.4
R8	45.7	44.9	48.4	43.4	47.2	45.4	47.5	33.0	45.6
R9	47.6	46.8	50.3	45.3	49.1	47.3	49.4	34.9	47.5
North of Mile Square									
R10	37.7	36.9	40.4	35.4	39.2	37.4	39.5	25.0	37.6
R11	47.0	46.2	49.7	44.7	48.5	46.7	48.8	34.3	46.9
R12	51.8	51.0	54.5	49.5	53.3	51.5	53.6	39.1	51.7
R13	53.3	52.5	56.0	51.0	54.8	53.0	55.1	40.6	53.2
R14	54.8	54.0	57.5	52.5	56.3	54.5	56.6	42.1	54.7
R15	55.6	54.8	58.3	53.3	57.1	55.3	57.4	42.9	55.5
R16	55.4	54.6	58.1	53.1	56.9	55.1	57.2	42.7	55.3
R17	53.9	53.1	56.6	51.6	55.4	53.6	55.7	41.2	53.8
R18	54.0	53.2	56.7	51.7	55.5	53.7	55.8	41.3	53.9
R19	50.8	50.0	53.5	48.5	52.3	50.5	52.6	38.1	50.7
R20	49.4	48.6	52.1	47.1	50.9	49.1	51.2	36.7	49.3
R21	47.5	46.7	50.2	45.2	49.0	47.2	49.3	34.8	47.4

Table E-2. Predicted Construction Noise Levels by Construction Phase/Component

Receiver	Construction Noise Levels, L_{50} (dBA)								
	Phase 1, 3, 4, and 5					Phase 3, 4, and 5			
	Demolition	Site Prep	Demolition + Site Prep	Construction	Site Prep + Construction	Paving	Construction + Paving	Architectural Coating	Paving + Architectural Coating
West of Mile Square									
R22	51.9	51.1	54.6	49.6	53.4	51.6	53.7	39.2	51.8
R23	49.1	48.3	51.8	46.8	50.6	48.8	50.9	36.4	49.0
R24	52.6	51.8	55.3	50.3	54.1	52.3	54.4	39.9	52.5
R25	51.4	50.6	54.1	49.1	52.9	51.1	53.2	38.7	51.3
R26	53.6	52.8	56.3	51.3	55.1	53.3	55.4	40.9	53.5
R27	53.0	52.2	55.7	50.7	54.5	52.7	54.8	40.3	52.9
R28	50.4	49.6	53.1	48.1	51.9	50.1	52.2	37.7	50.3
R29	50.1	49.3	52.8	47.8	51.6	49.8	51.9	37.4	50.0
R30	49.9	49.1	52.6	47.6	51.4	49.6	51.7	37.2	49.8
R31	50.2	49.4	52.9	47.9	51.7	49.9	52.0	37.5	50.1
South of Mile Square									
R32	50.1	49.3	52.8	47.8	51.6	49.8	51.9	37.4	50.0
R33	50.6	49.8	53.3	48.3	52.1	50.3	52.4	37.9	50.5
R34	51.1	50.3	53.8	48.8	52.6	50.8	52.9	38.4	51.0
R35	51.8	51.0	54.5	49.5	53.3	51.5	53.6	39.1	51.7
R36	51.4	50.6	54.1	49.1	52.9	51.1	53.2	38.7	51.3
R37	52.1	51.3	54.8	49.8	53.6	51.8	53.9	39.4	52.0
R38	51.5	50.7	54.2	49.2	53.0	51.2	53.3	38.8	51.4
R39	52.4	51.6	55.1	50.1	53.9	52.1	54.2	39.7	52.3
R40	50.5	49.7	53.2	48.2	52.0	50.2	52.3	37.8	50.4
R41	50.9	50.1	53.6	48.6	52.4	50.6	52.7	38.2	50.8
R42	50.6	49.8	53.3	48.3	52.1	50.3	52.4	37.9	50.5
R43	40.3	39.5	43.0	38.0	41.8	40.0	42.1	27.6	40.2

Table E-2. Predicted Construction Noise Levels by Construction Phase/Component

Receiver	Construction Noise Levels, L_{50} (dBA)								
	Phase 2A and 2B								
	Demolition	Site Prep	Demolition + Site Prep	Construction	Site Prep + Construction	Paving	Construction + Paving	Architectural Coating	Paving + Architectural Coating
East of Mile Square									
R1	52.9	52.1	55.6	50.6	54.4	52.6	54.7	40.2	52.8
R2	53.8	53.0	56.5	51.5	55.3	53.5	55.6	41.1	53.7
R3	56.5	55.7	59.2	54.2	58.0	56.2	58.3	43.8	56.4
R4	58.6	57.8	61.3	56.3	60.1	58.3	60.4	45.9	58.5
R5	61.8	61.0	64.5	59.5	63.3	61.5	63.6	49.1	61.7
R6	61.2	60.4	63.9	58.9	62.7	60.9	63.0	48.5	61.1
R7	60.0	59.2	62.7	57.7	61.5	59.7	61.8	47.3	59.9
R8	55.3	54.5	58.0	53.0	56.8	55.0	57.1	42.6	55.2
R9	51.0	50.2	53.7	48.7	52.5	50.7	52.8	38.3	50.9
North of Mile Square									
R10	41.4	40.6	44.1	39.1	42.9	41.1	43.2	28.7	41.3
R11	49.5	48.7	52.2	47.2	51.0	49.2	51.3	36.8	49.4
R12	54.1	53.3	56.8	51.8	55.6	53.8	55.9	41.4	54.0
R13	55.9	55.1	58.6	53.6	57.4	55.6	57.7	43.2	55.8
R14	57.6	56.8	60.3	55.3	59.1	57.3	59.4	44.9	57.5
R15	58.4	57.6	61.1	56.1	59.9	58.1	60.2	45.7	58.3
R16	57.0	56.2	59.7	54.7	58.5	56.7	58.8	44.3	56.9
R17	55.2	54.4	57.9	52.9	56.7	54.9	57.0	42.5	55.1
R18	54.6	53.8	57.3	52.3	56.1	54.3	56.4	41.9	54.5
R19	51.6	50.8	54.3	49.3	53.1	51.3	53.4	38.9	51.5
R20	50.0	49.2	52.7	47.7	51.5	49.7	51.8	37.3	49.9
R21	48.3	47.5	51.0	46.0	49.8	48.0	50.1	35.6	48.2

Table E-2. Predicted Construction Noise Levels by Construction Phase/Component

Receiver	Construction Noise Levels, L_{50} (dBA)								
	Phase 2A and 2B								
	Demolition	Site Prep	Demolition + Site Prep	Construction	Site Prep + Construction	Paving	Construction + Paving	Architectural Coating	Paving + Architectural Coating
West of Mile Square									
R22	52.4	51.6	55.1	50.1	53.9	52.1	54.2	39.7	52.3
R23	49.7	48.9	52.4	47.4	51.2	49.4	51.5	37.0	49.6
R24	53.0	52.2	55.7	50.7	54.5	52.7	54.8	40.3	52.9
R25	51.7	50.9	54.4	49.4	53.2	51.4	53.5	39.0	51.6
R26	53.9	53.1	56.6	51.6	55.4	53.6	55.7	41.2	53.8
R27	53.3	52.5	56.0	51.0	54.8	53.0	55.1	40.6	53.2
R28	50.7	49.9	53.4	48.4	52.2	50.4	52.5	38.0	50.6
R29	50.5	49.7	53.2	48.2	52.0	50.2	52.3	37.8	50.4
R30	50.2	49.4	52.9	47.9	51.7	49.9	52.0	37.5	50.1
R31	50.6	49.8	53.3	48.3	52.1	50.3	52.4	37.9	50.5
South of Mile Square									
R32	50.5	49.7	53.2	48.2	52.0	50.2	52.3	37.8	50.4
R33	50.9	50.1	53.6	48.6	52.4	50.6	52.7	38.2	50.8
R34	51.4	50.6	54.1	49.1	52.9	51.1	53.2	38.7	51.3
R35	52.2	51.4	54.9	49.9	53.7	51.9	54.0	39.5	52.1
R36	51.8	51.0	54.5	49.5	53.3	51.5	53.6	39.1	51.7
R37	52.5	51.7	55.2	50.2	54.0	52.2	54.3	39.8	52.4
R38	52.0	51.2	54.7	49.7	53.5	51.7	53.8	39.3	51.9
R39	52.8	52.0	55.5	50.5	54.3	52.5	54.6	40.1	52.7
R40	51.1	50.3	53.8	48.8	52.6	50.8	52.9	38.4	51.0
R41	51.7	50.9	54.4	49.4	53.2	51.4	53.5	39.0	51.6
R42	51.6	50.8	54.3	49.3	53.1	51.3	53.4	38.9	51.5
R43	42.0	41.2	44.7	39.7	43.5	41.7	43.8	29.3	41.9

Appendix F

Amphitheater Noise Analysis Results

Table F-1. Predicted Amphitheater Noise Levels by Individual Receiver

Receiver	Represented Land Use(s)	Amphitheater Noise Level, L_{50} (dBA)	Applicable Daytime Amphitheater Noise Standard, L_{50} (dBA)[1]	Impact Relative to Daytime Amphitheater Noise Standard	Applicable Nighttime Amphitheater Noise Standard, L_{50} (dBA)[2]	Impact Relative to Nighttime Amphitheater Noise Standard
East of Mile Square						
R1	Single-Family Residential	43.8	61.3	LTS	54.2	LTS
R2	Single-Family Residential	44.1	61.3	LTS	54.2	LTS
R3	Single-Family Residential	45.3	61.3	LTS	54.2	LTS
R4	Single-Family Residential	47.1	61.3	LTS	54.2	LTS
R5	Single-Family Residential	48.1	61.3	LTS	54.2	LTS
R6	Single-Family Residential	48.9	61.3	LTS	54.2	LTS
R7	Single-Family Residential	47.9	61.0	LTS	54.2	LTS
R8	Single-Family Residential	41.1	61.0	LTS	54.2	LTS
R9	Single-Family Residential	41.1	61.0	LTS	54.2	LTS
North of Mile Square						
R10	Multi-Family Residential	38.3	61.1	LTS	50.2	LTS
R11	Multi-Family Residential Pool Area	45.5	61.1	LTS	50.2	LTS
R12	Multi-Family Residential	45.0	61.1	LTS	50.2	LTS
R13	Multi-Family Residential	48.0	61.1	LTS	50.2	LTS
R14	Single-Family Residential	46.7	61.1	LTS	50.2	LTS
R15	Single-Family Residential	48.4	61.1	LTS	50.2	LTS
R16	Single-Family Residential	48.6	61.1	LTS	50.2	LTS
R17	Single-Family Residential	47.7	61.1	LTS	50.2	LTS
R18	Single-Family Residential	48.3	61.1	LTS	50.2	LTS
R19	Single-Family Residential	46.2	61.1	LTS	50.2	LTS
R20	Single-Family Residential	45.4	61.1	LTS	50.2	LTS
R21	Single-Family Residential	44.5	61.1	LTS	50.2	LTS

[1] See Table C-1 in Appendix C.

[2] See Table C-2 in Appendix C.

LTS = less-than-significant impact; S = significant impact; L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.

Table F-1. Predicted Amphitheater Noise Levels by Individual Receiver

Receiver	Represented Land Use(s)	Range of Construction Noise Levels, L_{50} (dBA)	Applicable Daytime Construction Noise Standard, L_{50} (dBA)[1]	Impact Relative to Daytime Construction Noise Standard	Applicable Nighttime Construction Noise Standard, L_{50} (dBA)[2]	Impact Relative to Nighttime Construction Noise Standard
West of Mile Square						
R22	Single-Family Residential	48.6	59.9	LTS	59.3	LTS
R23	Single-Family Residential	47.4	59.9	LTS	59.3	LTS
R24	Single-Family Residential	49.3	59.9	LTS	59.3	LTS
R25	Single-Family Residential	48.3	59.9	LTS	59.3	LTS
R26	Single-Family Residential	50.3	59.9	LTS	59.3	LTS
R27	Single-Family Residential	51.2	59.9	LTS	59.3	LTS
R28	Single-Family Residential	47.2	59.9	LTS	59.3	LTS
R29	Single-Family Residential	46.7	59.9	LTS	59.3	LTS
R30	Place of Worship	47.8	59.9	LTS	59.3	LTS
R31	Single-Family Residential	46.5	59.9	LTS	59.3	LTS
South of Mile Square						
R32	Multi-Family Residential	45.5	58.3	LTS	51.9	LTS
R33 (2nd Floor Balcony)	Multi-Family Residential	45.7	58.3	LTS	51.9	LTS
R34	Multi-Family Residential	46.1	58.3	LTS	51.9	LTS
R35 (2nd Floor Balcony)	Multi-Family Residential	46.1	58.3	LTS	51.9	LTS
R36	Multi-Family Residential	46.1	58.3	LTS	51.9	LTS
R37 (2nd Floor Balcony)	Multi-Family Residential	46.2	58.3	LTS	51.9	LTS
R38	Multi-Family Residential	46.1	58.3	LTS	51.9	LTS
R39 (2nd Floor Balcony)	Multi-Family Residential	46.2	58.3	LTS	51.9	LTS
R40	Single-Family Residential	46.6	58.3	LTS	51.9	LTS
R41	Single-Family Residential	45.3	58.3	LTS	51.9	LTS
R42	Single-Family Residential	44.6	58.3	LTS	51.9	LTS
R43	Single-Family Residential	41.3	58.3	LTS	51.9	LTS

[1] See Table C-1 in Appendix C.

[2] See Table C-2 in Appendix C.

LTS = less-than-significant impact; S = significant impact; L_{50} = sound level exceeded 50 percent of the time (or 30 minutes per hour); dBA = A-weighted decibels.