

**APPENDIX E**  
*Hazards Assessment*



## MEMORANDUM

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**To:** Rachel Struglia  
**From:** Glenna McMahon, Khristina Leyba  
**Subject:** Hazards Assessment for Orange Coast College Program EIR  
2701 Fairview Road Costa Mesa, CA 92626  
**Date:** January 10, 2014  
**Attachment(s):** A - EDR Radius Report, B - County of Orange Environmental Health Records, C - Hazards Interview Questionnaire, D - Aerial Photographs and Topographic Maps, E - Sanborn Fire Maps

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This hazards assessment was prepared for the Orange Coast College Vision 2020 Facilities Master Plan Program Environmental Impact Report (EIR). This hazards assessment consists of review and summary of the following data: 1) a database search of regulatory agency records, 2) local environmental health department files for the subject property, 3) historical aerial photographs, historical topographic maps, and Sanborn Fire Insurance maps, 4) interview with the facilities manager, and 5) records on or near the subject property listed on GeoTracker (online database maintained by the Regional Water Board). The objective of the hazards assessment is to determine if there have been any impacts to the proposed project area/subject property due to current or past hazardous materials storage or use.

The subject property consists of an approximately 158-acre parcel in Costa Mesa, California (Figure 1). The subject property is occupied by Orange Coast College and consists of athletic fields, parking lots and buildings (Figure 2). The subject property is bordered by Adams Avenue to the north, Fairview Road to the east, Merrimac Way to the south, and residential homes to the west.

### REGULATORY RECORDS REVIEW

Dudek reviewed a regulatory agency records search report conducted by Environmental Data Resources (EDR) on November 4, 2013 (Attachment A). The EDR report listed sixty-eight sites within the American Society for Testing and Materials (ASTM) standard search radii of the subject property.

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The subject property was listed in the EDR Report in the following databases: CA AST, CA EMI, CA FID UST, CA HAZNET, CA HIST CORTESE, CA HIST UST, CA NPDES, CA SWRCY, CA SWEEPS UST, CA UST, CA LUST, HIST FTTS, FINDS, FTTS, NY MANIFEST, and RCRA-LQG. Two leaking underground storage tanks (LUST) were reported; both are for gasoline releases to soil only. A release was reported in 1989 and the case was closed on August 31, 1990. Another release was reported in 1999 and the case was closed on February 2, 2000.

Sixty-seven additional sites were identified within the ASTM-specified distances of the subject property. Thirty of these sites are listed in databases associated with permitting and hazardous material storage or disposal. Based on the information provided in the databases for these sites, it is unlikely they have impacted the environmental conditions at the subject property.

Thirty-two sites are listed in the Leaking Underground Storage Tank (LUST) database. For sixteen sites, the LUST listing is for a release to soil only. These sites are located either down or cross-gradient from the subject property and have been granted case closure. The depth to water (DTW) in the area is approximately 77 feet below ground surface (bgs). Of the sixteen sites, one is adjacent to the subject property; "Coast Comm College Dist Admin" is located at 1370 Adam Avenue. This site is listed in the following databases: CA UST, CA SWEEPS, CA SWEEPS UST, CA FID UST, CA HIST CORTEE, and CA LUST. A release to soil occurred on site and was granted closure on August 31, 1990. Given the closed status and soil only release for these sites, it is unlikely they have impacted the environmental conditions at the subject property. Fifteen sites listed in the LUST database are for a release to groundwater. These sites are greater than 1/8 mile from the subject property and have reached case closure. Given the closed status and location of the fourteen sites, they are also unlikely to have impacted the environmental conditions at the subject property.

Of the thirty-two sites, one had a release of gasoline to soil and groundwater. Remediation was performed in 2002 and the case received granted closure on September 12, 2005. This site is located more than 1/2 mile north of the subject property. Given the distance from the subject property and closed status, it is unlikely that this site has impacted environmental conditions at the subject property.

Five sites were listed in the LUST database have an open case status. These sites are discussed below.

1. Shell Service Station at 1201 East Baker Street is located 0.30 mile west northwest of the subject property. The site is listed in the following databases: RCRA-SQG, CA HIST



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CORTESE, CA LUST, CA FIS UST, CA SWEEPS UST, and CA EMI. Approximately 80 gallons of gasoline was released during fuel line repairs. According to the *Corrective Action Plan for Monitored Natural Attenuation Report* prepared by Conestoga-Rovers & Associates, soil vapor extraction (SVE) was used to remove over 33,000 pounds of hydrocarbons from the source areas. In addition, 1.6 million gallons of groundwater and approximately 3 pounds of dissolved hydrocarbons were extracted. Based on the June 2013 groundwater monitoring report groundwater depth is approximately 40 feet bgs and groundwater flow is primarily to the southwest. Two groundwater monitoring wells are approximately 0.20 miles northwest of the subject property. Contaminant concentrations of concern are below detection limits in both wells with the exception of benzene in one well. Benzene was 1.1 µg/L; however this concentration is below the Environmental Protection Agency maximum contaminant level (MCL) of 5 µg/L. Given the distance to the subject property and groundwater flow, it is not expected that this site has impacted the environmental conditions of the subject property.

2. Exxon #7-0865 at 1195 Baker Street is located 0.30 mile north northeast of the subject property. The site is listed in the following databases: CA HIST CORTESE, CA LUST, CA FID UST, CA UST, CA HIST UST, and CA SWEEPS UST. Gasoline was released to groundwater in 1992. According to the *Low Threat Closure Report* dated October 1, 2013, the impacted groundwater beneath the site is stable. Based on plume maps presented in the 2012 fourth quarter groundwater monitoring report, contaminant concentrations at the southernmost wells nearest to the subject property were either not detected or below the regulatory limits. According to GeoTracker, this site is eligible for closure as of March 21, 2013. Based on the limited extent of the contaminant plumes and eligibility for closure of this site, it is unlikely that this site has impacted the environmental conditions of the subject property.
3. Mobil Station (18-HNR) site at 3006 Harbor Boulevard is located 0.50 mile northwest of the subject property. The site is listed in the following databases: CA LUST, CA FID, CA SWEEPS UST, and CA CHMIRS. Gasoline was released to groundwater in August 2000. The groundwater flow direction is primarily to the south and the depth to water is approximately 56 feet bgs. The site's environmental consultant, Blaes Environmental, stated that the site has been adequately remediated. According to GeoTracker, the site is eligible for closure as of March 23, 2012. Given the distance and recent eligibility of closure, it is unlikely that the site has impacted the environmental conditions at the subject property.

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4. Harbor Fair Exxon Corner Market at 2502 Harbor Boulevard is located 0.35 mile southwest of the subject property. The site is listed in the following databases: CA HIST CORTESE, CA FID UST, CA SWEEPS UST, and CA LUST. Diesel and waste oil were released to groundwater in December 1991. According to GeoTracker, the site is eligible for closure as of October 21, 2012. Based on the distance and downgradient location of the site and recent eligibility of closure, it is unlikely that the site has impacted the environmental conditions at the subject property.
  
5. Costa Mesa Air National Guard is located 0.73 mile east of the subject property, south of Presidio Drive and west of Newport Boulevard. The site is listed in the following databases: CA HIST Cal-Sites, CA Cortese, CA RESPONSE, CA ENVIROSTOR, and FUDS. The site is an 8.5-acre facility that has been active since 1964. Activities include routine maintenance of vehicles, generators, and various ground equipment. Hazardous wastes resulting from these activities include varying amounts of waste fuels, oils, paints, thinners, and solvents. A preliminary assessment was submitted in December 1990; no further action was concluded. In December 2002, an Environmental Baseline Survey was submitted and a total of nine areas of concern were identified. The Department of Toxic Substances Control (DTSC) requested additional sampling. Given the distance from the subject property and cross-gradient location, it is unlikely that the site has impacted the environmental conditions at the subject property.

The EDR Report identified twelve sites located in Costa Mesa, CA that were not mapped due to limited address information. Dudek further researched the location of each site. Nine of the unmapped sites are not located within one mile of the project area. Two sites are not in any databases indicating a release has occurred. The last listing, Costa Mesa Air National Guard site, is located within one mile of the subject property and was discussed in detail above.

## **LOCAL AGENCY RECORDS**

County of Orange Environmental Health (EH) has records for two closed LUST cases at the subject property (Attachment B). Both of the cases involved fuel releases related to USTs at the college. The records also indicated that an additional UST was removed from near the Maintenance Building.

A release was reported after the removal of three USTs located near the Farm Maintenance Facility located on the west-central portion of the college (A, Figure 3). The USTs (one 1,000-gallon diesel, one 250-gallon weed oil, and one 250-gallon waste oil) were removed in 1988 and the tank pit was excavated to approximately 25 feet bgs. Soil samples analyzed revealed the

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presence of petroleum hydrocarbons and volatile organic compounds (VOCs). Three soil borings were advanced in June 1989 to a maximum depth of 33 feet bgs. Soil samples collected from the borings showed low concentrations of petroleum hydrocarbons. A letter from the County of Orange EH dated December 5, 1989 stated that aviation fuel was detected in the soil at the site. Two additional borings, one 20° angle and one vertical, were advanced in January 1990 to 40 and 35 feet bgs, respectively. Laboratory analytical results for the soil samples indicated that petroleum hydrocarbons were not detected deeper than 20 feet bgs in the vertical boring; petroleum hydrocarbons were not detected in any of the samples collected from the angle boring. The maximum concentration of petroleum hydrocarbons was 43 mg/kg detected in the vertical boring at 15 and 20 feet bgs. County of Orange EH granted closure for this release in August 1990.

A 1,000-gallon gasoline UST and associated piping was reportedly removed from near the Maintenance Building in August 1998 (B, Figure 3). Soil samples did not indicate the presence of a release and a case was not opened for this UST removal.

Diesel fuel-impacted soils were discovered in October 1999 near the Student Success Building located in the southeastern portion of the college (C, Figure 3). A concrete tank was discovered during trenching activities for seismic retrofitting inside of the building. The building was reportedly formerly used by the U.S. Army as barracks and was likely used to provide fuel for heating the building; the UST was reportedly removed in the 1940s. The concrete UST was located in the southeastern portion of the building that was present on-site prior to the construction of the college. Four soil borings were hand-augered on November 2, 1999 to between 10 and 15 feet bgs. Five soil borings were advanced to between 20 and 30 feet bgs using a direct push drill rig. The maximum concentration of total petroleum hydrocarbons as diesel (TPHd) was 7,400 mg/kg in a sample collected from 15 feet bgs in the boring closest to the former UST. The direct push soil borings soil samples contained a maximum concentration of TPHd of 6,200 mg/kg at 20 feet bgs. TPHd was not detected in soil samples collected from 25 and 30 feet bgs. County of Orange EH granted closure for this release in February 2000.

According to the proposed construction and demolition areas identified in the Orange Coast College Vision 2020 Facilities Master Plan Initial Study (Figures 3 and 4), the tank formerly located in the Student Success building is in an area slated for demoltion. While the case was closed by the county, research indicated that impacted soil may still be present, thus further investigation may be necessary.

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**INTERVIEW WITH MAINTENANCE AND OPERATIONS DIRECTOR**

Mark Goode, Director of Maintenance and Operations for Orange Coast College, was interviewed regarding background information and current uses of the subject property (Attachment C). Mr. Goode has been the Director for about 30 years.

Current use of the property is for education and has been for approximately 62 years. Prior use of the property was a training facility for the Santa Ana Airbase. The property has been used for industrial activities including a recycling facility, gasoline station and an aircraft repair program. The gasoline station is only for equipment and campus vehicles. Aboveground storage tanks (ASTs) contain gasoline and diesel fuel. The aircraft repair program on campus currently has one AST aviation fuel tank (1, Figure 3). According to Mr. Goode, approximately 10 years ago a UST containing aviation fuel was removed; no releases were reported (2, Figure 3). Clean fill dirt has been transported onto the subject property for construction purposes. During the interview Mr. Goode identified an area where a pond was located previously (Figure 3), cattle and pigs were kept in the vicinity. The pond was used for irrigation. Mr. Goode stated he had no knowledge of the details of the diesel releases to soil in 1989 and 1990.

Based on the interview with Mr. Goode, the area where cattle and pigs were kept may have potential environmental impacts to the subject property. The two tanks identified by Mr. Goode have no reported releases but are located in the vicinity of planned renovation at building 11 (Figure 4).

**AERIAL PHOTOGRAPH REVIEW**

Historical aerial photographs from EDR (Attachment D) were reviewed to determine if evidence of recognized environmental conditions was present on the subject property. Historical aerial photographs from 1938, 1947, 1953, 1963, 1972, 1977, 1990, 1995, 2005, 2009, 2010, and 2012 were reviewed.

In the 1938 photograph, the subject property and surrounding areas appear to be used for agriculture. There are a few buildings.

In the 1947 photograph, the subject property appears to be cleared land. At the southern portion of the property, two rows of rectangular buildings are visible. Similar rectangular buildings and a few agricultural fields are visible on surrounding properties.

In the 1953 photograph, the majority of the subject property is developed with a track and baseball field on the eastern portion of the property and buildings on the southern portion of the

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subject property. The northwestern portion of the subject property still appears to be used for agriculture. More roads are apparent in the surrounding areas and appear mostly unchanged.

In 1963, in the southern portion of the subject property more parking lots and buildings are apparent. The agricultural fields to the south of the property are now a residential development and land to the southeast is cleared.

In the 1972 aerial photograph, a major road (Adams Avenue) now borders the northern end of the subject property. A few campus buildings and a parking lot are visible on the western portion of the subject property; however the majority appears to still be used for agriculture. Adjacent agricultural fields to the west are now replaced with residential housing.

In the 1977 photograph, the subject property appears to be similar to the 1972 photograph. More residential development is visible to the west and north of the subject property. Other surrounding areas appear similar to the 1972 photograph.

In the 1990 photograph, the agricultural fields on the western end of the subject property show expanded parking areas and additional campus buildings. A baseball field and a paved parking lot are now visible southeast of the subject property.

In the 1995 aerial photograph, the northwestern portion of the subject property appears to be cleared land and the remaining parts of the property appear to be similar to the 1990 photograph.

In the 2005 photograph, the northwestern portion of the property is developed with a few campus buildings and an extended parking lot. The rest of the subject property and surrounding areas appear to be similar to the 1995 photograph.

From 2009 to 2012 the subject property and surrounding areas appear to be unchanged.

Aerial photographs indicate that the subject property was used for agricultural purposes; therefore, residual pesticides and metals may be present in the soil.

## **TOPOGRAPHIC MAP REVIEW**

Historical topographic maps from EDR (Attachment D) were reviewed to determine if evidence of recognized environmental conditions was present on the subject property. The historical topographic maps from 1901, 1902, 1935, 1942, 1951, 1965, 1972, and 1981 were reviewed.

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In the 1901 topographic map, no development is shown in the vicinity of the subject property. The Newport Beach Branch of the Southern Pacific Railroad runs northeast by southwest several miles to the southeast of the property.

In the 1902 map, no development is shown on the subject property. A few buildings are depicted in the vicinity of the subject property.

In the 1935 map, no development is shown on the subject property. The area south of the subject property is mostly developed. The Santa Ana River is several miles to the west of the subject property.

In the 1942 map, road infrastructure is more prominent near the subject property. The subject property is bordered to the north by Adams Avenue and to the east Old Santa Ana Road. One building is depicted along Adams Ave within the subject property. The Southern Pacific Railroad has been replaced by Newport Boulevard.

In the 1951 map, the subject property is identified as Orange Coast College. Additional road infrastructure extends both north and east of the property. Buildings are depicted in the southern portion of the subject property and in adjacent areas to the north and east.

In the 1965 map, the subject property has been further developed. A track and sports field is now depicted on northern portion of the subject property. Old Santa Ana Road is now named Fairview road. The surrounding areas are depicted as built up areas.

In 1972 map, improvements to Adams Avenue north of the subject property depict the road location similar to present day. The subject property and surrounding areas appear unchanged in both 1972 and 1981 maps.

## **SANBORN MAP REVIEW**

Dudek reviewed historical sanborn fire insurance maps (Attachment E). These provide information regarding historical activities, such as property use, property address, chemical storage and street configuration. Sanborn maps for years 1915, 1922, 1929, and 1932 were reviewed. The subject property is an unmapped property and no maps were reviewed.

## **SUMMARY**

This hazards assessment was conducted for the Orange Coast College Vision 2020 Facilities Master Plan Program EIR. This hazards assessment consisted of research and review of

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regulatory agency records and historical source information to determine if there have been any environmental impacts to the subject property. Previous impacts to the subject property were identified.

Sixty-seven sites were identified within the ASTM-specified distances from the subject property. Thirty of the sites are listed in databases associated with permitting and hazardous material storage or disposal. Based on the information provided in the databases for these sites, it is unlikely they have impacted the environmental conditions of the subject property. Thirty-two sites were identified in the LUST database, all have received case closure. Given the closed status and information provided in the databases, they are unlikely to have impacted the environmental conditions at the subject property. Five sites were identified in the LUST database and are open cases. Given the distance to the subject property and/or location, these sites are unlikely to have impacted the environmental conditions of the subject property.

Two LUST listings were identified on the subject property. Dudek reviewed records at County of Orange EH regarding the releases. Both cases were due to fuel releases to soil and both cases are closed. According to the Orange Coast College Vision 2020 Facilities Master Plan Initial Study, proposed demolition areas include the Student Success Center where one of the former LUSTs was identified. While the case was closed by the County, impacted soil may still be present, and therefore could be encountered during demolition.

Based on the interview with Mr. Goode, the area where cattle and pigs were kept may have potential environmental impacts to the subject property. The two tanks identified by Mr. Goode have no reported releases but are located in the vicinity of planned renovation at building 11 (Figure 4).

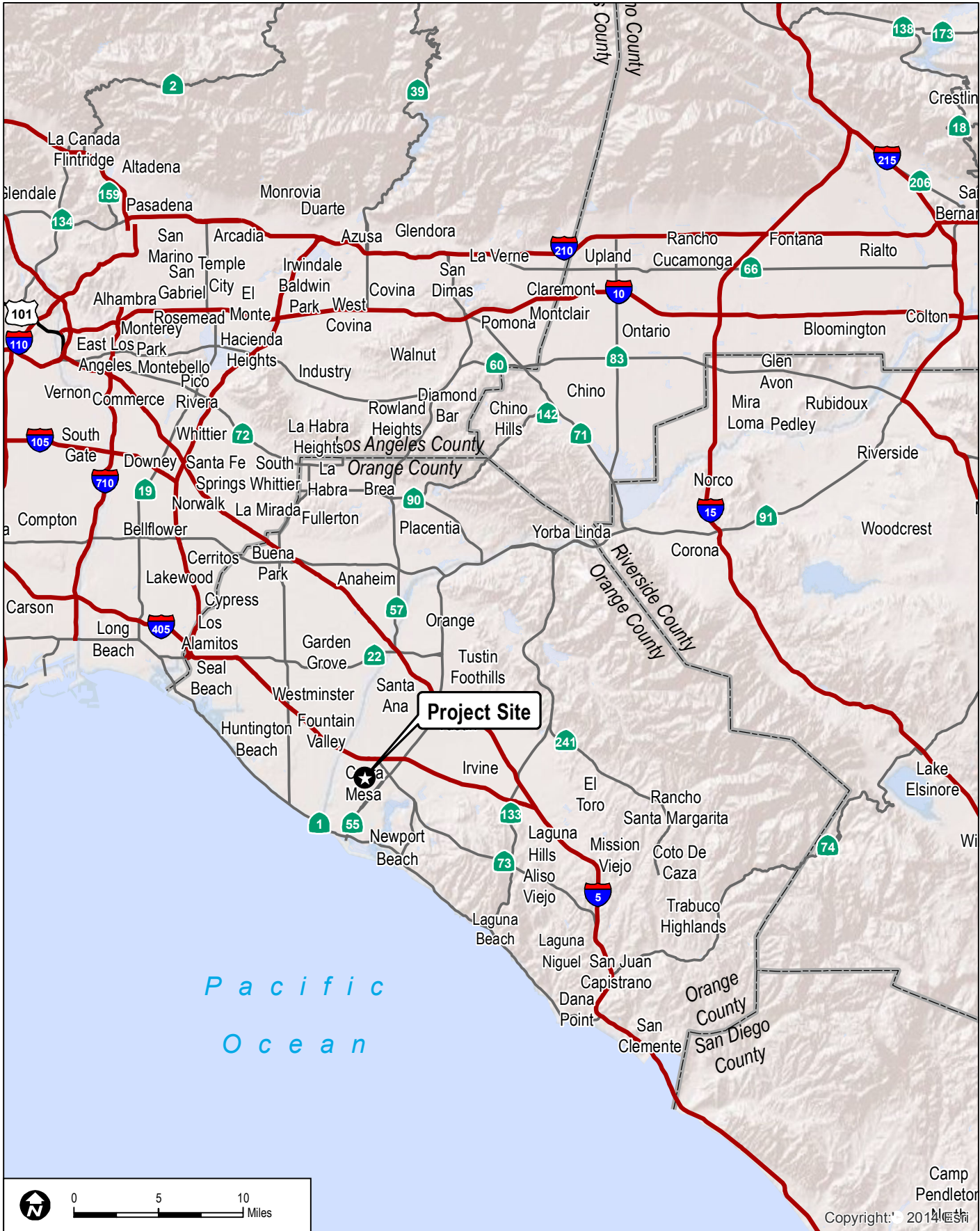
Based on the review of the aerial photographs and topographic maps, aerial photographs indicate that the subject property was used for agricultural purposes; therefore, residual pesticides and metals may be present in the soil.

If construction plans change and the former pond and/or additional tank areas (Figure 3) will be impacted, mitigation measures may be necessary.

## **REFERENCES**

*Corrective Action Plan for Monitored Natural Attenuation Report, Conestoga-Rovers & Associates. 31 May 2013.*

*Low Threat Closure Report, Cardno ERI. 1 October 2012.*



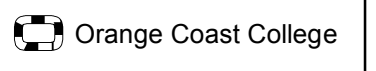
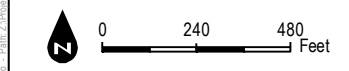
Camp Pendleton  
 Copyright: © 2014 ESRI



SOURCE: ESRI 2013

**FIGURE 1**  
**Vicinity Map**





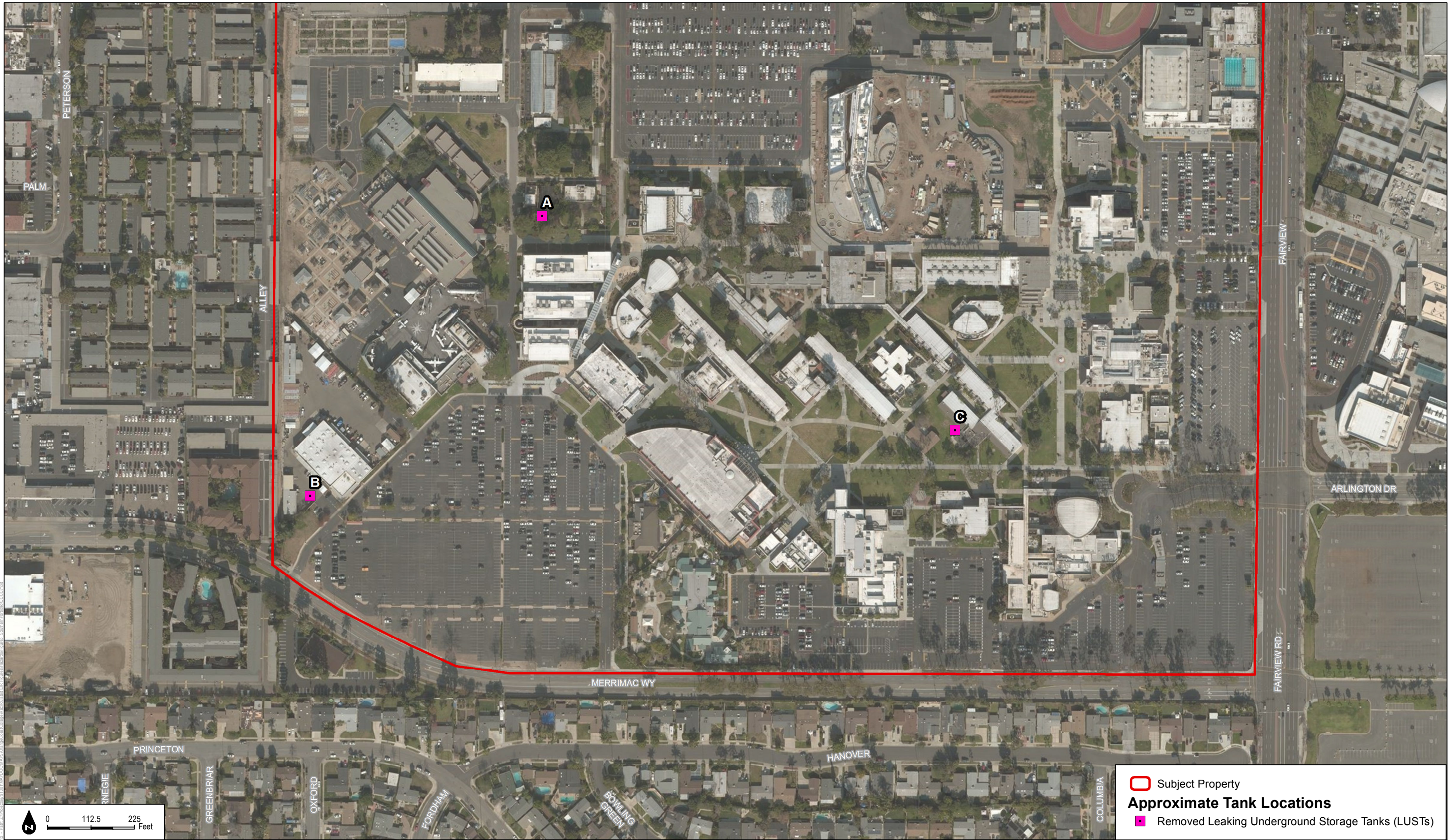
SOURCE: Bing Imagery, 2015; Coast Community College Vision Plan, 2012; County of Orange.

**FIGURE 2**  
Site Map

Hazards Assessment - Orange Coast Community College 2701 Fairview Road Costa Mesa, CA 92626







Subject Property  
**Approximate Tank Locations**  
 Removed Leaking Underground Storage Tanks (LUSTs)



SOURCE: Bing Imagery, 2015; Coast Community College Vision Plan, 2012; County of Orange.

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**FIGURE 3**  
Southern Portion of the Orange Coast Community College





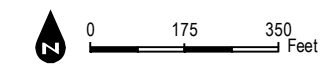
Project Boundary

**Construction/Renovation Type**

- Scheduled Construction/Renovation
- Planned Construction
- Planned Renovation

NOTE: Scheduled means buildings approved and/or partially state funded.

- Proposed Campus Land Use**
- 1, Chemistry Building
  - 2, Interdisciplinary Complex Phase 2 (including Language Arts and Business/Math/Computing)/Student Success Center/Academic Senate
  - 3, Recycling Center Expansion
  - 4, Student Housing
  - 5, Planetarium
  - 6, Student Union/Student Services/Administration/Culinary Arts
  - 7, OCC Village (Subject to Future CEQA)
  - 8, Skills Center
  - 9, Adaptive PE, Gym, Pool
  - 9a, Parking Lot
  - 10, Solar Covered Parking
  - 11, Dance
  - 12, Parking Structure
  - 13, Watson Hall Renovation
  - 14, Multidisciplinary Building



SOURCE: Bing Imagery, 2015, Coast Community College Vision Plan 2012, County of Orange.

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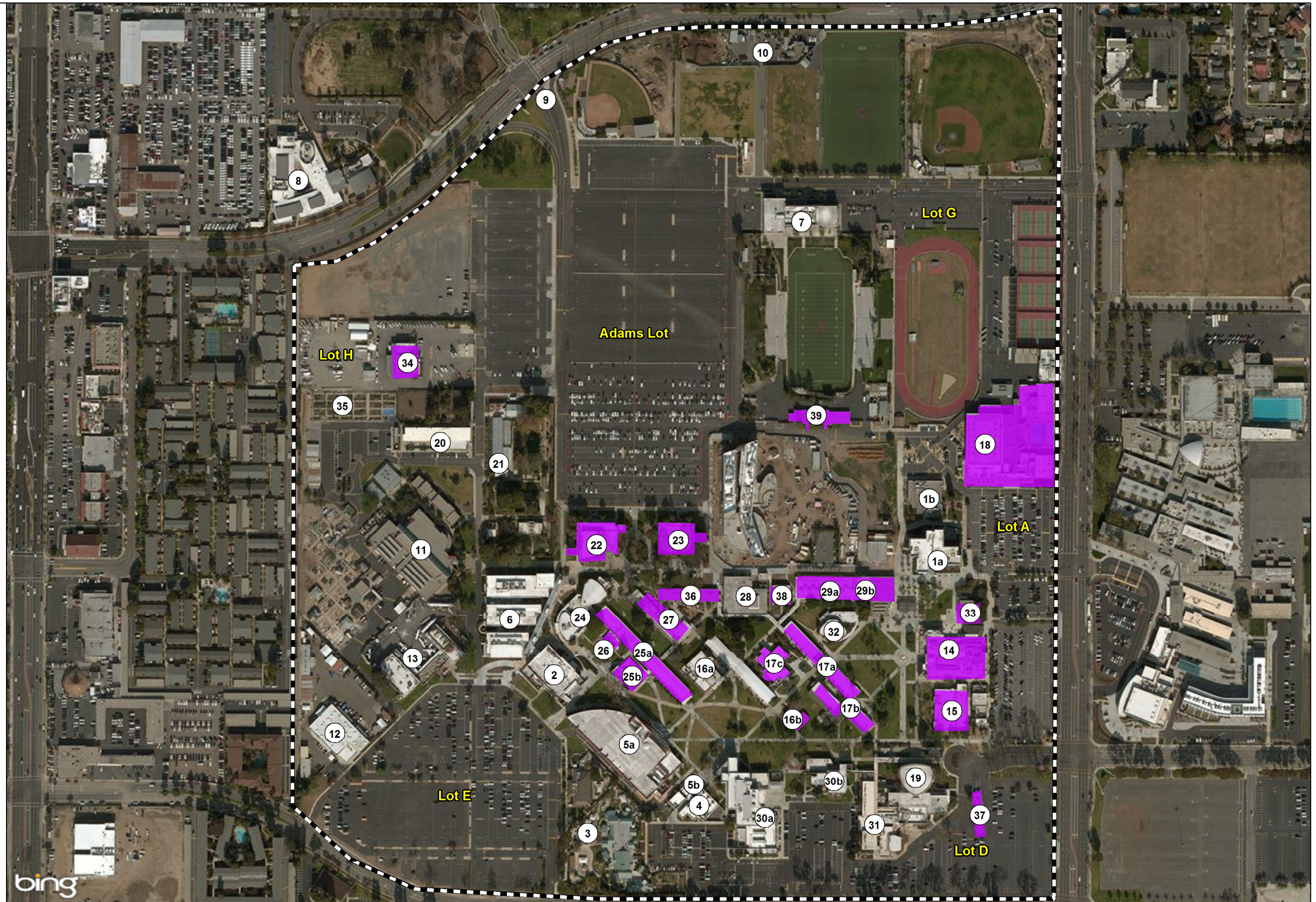
**FIGURE 4**  
Proposed Campus Land Use



- Project Boundary
- Proposed Demolition Sites

**Campus Land Use**

- 1a, Norman E. Watson Hall (Student Services/Administration)
- 1b, Student Health Center
- 2, Lewis Center for Applied Science
- 3, Harry and Grace Steele Early Childhood Lab School and Children's Center
- 4, Frank M Doyle Arts Pavilion
- 5a, Library
- 5b, Starbucks Coffee
- 6, Consumer, Allied Health and Bio Sci
- 7, Fitness Complex and Outdoor Field Labs
- 8, District Headquarters
- 9, Main Campus Entry (Students)
- 10, Recycling Center
- 11, Technology Center
- 12, Fran Albers Maintenance and Operations Center
- 13, Skill Center
- 14, Student Center
- 15, Administration
- 16a, Haley Business Learning Center
- 16b, Faculty House
- 17a, Classrooms and Laboratories
- 17b, Student Success Center
- 17c, Special Services
- 18, Locker Rooms, Pool, Stadium, Gym
- 19, Robert B Moore Theatre
- 20, Information Technology
- 21, Horticulture
- 22, Chemistry
- 23, Virgil D Sessions Center for Literature and Languages
- 24, Science Hall and Math Lecture Halls
- 25a, Math Wing
- 25b, Reprographics
- 26, Planetarium
- 27, Journalism
- 28, Computing Center
- 29a, Social and Behavioral Sciences
- 29b, Bookstore
- 30a, Arts Center
- 30b, Fine Arts
- 31, Music Building
- 32, Giles T Brown Forum
- 33, Bursar's Office
- 34, District Transportation
- 35, Horticulture Garden Lab
- 36, Writer's Row
- 37, Campus Public Safety
- 38, 150 Annex



**FIGURE 5**  
Proposed Demolition

SOURCE: Bing Imagery, 2015; Coast Community College Vision Plan, 2012; Count of Orange, 2015.





# **ATTACHMENT A**

## ***EDR Radius Report***



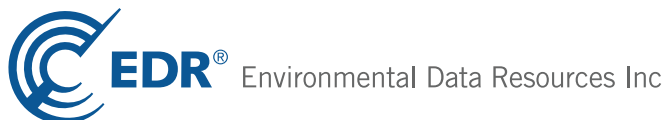
**Orange Coast College**

2701 Fairview Road  
Costa Mesa, CA 92626

Inquiry Number: 3772737.2s

October 30, 2013

# The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road  
Milford, CT 06461  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

2701 FAIRVIEW ROAD  
COSTA MESA, CA 92626

#### COORDINATES

Latitude (North): 33.6720000 - 33° 40' 19.20"  
Longitude (West): 117.9116000 - 117° 54' 41.76"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 415490.2  
UTM Y (Meters): 3725968.2  
Elevation: 61 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-F8 NEWPORT BEACH (DIGITAL), CA  
Most Recent Revision: 0

### AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012  
Source: USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
ORANGE COAST COLLEGE 2701 FAIRVIEW RD COSTA MESA, CA 92626	RCRA-LQG FTTS HIST FTTS FINDS CA NPDES CA HIST CORTESE CA SWRCY CA LUST Status: Completed - Case Closed  CA FID UST CA HIST UST CA AST NY MANIFEST CA EMI	CAD981981236
ORANGE COAST COLLEGE(RECYCLYIN 2701 FAIRVIEW RD COSTA MESA, CA 92626	CA HIST UST	N/A

## EXECUTIVE SUMMARY

ORANGE COAST COLLEGE 2701 FAIRVIEW RD COSTA MESA, CA 92626	CA HAZNET	N/A
CELLCO - MESA VERDE 2701 FAIRVIEW ROAD COSTA MESA, CA	FINDS	N/A
ORANGE COAST COLLEGE 2701 FAIRVIEW RD COSTA MESA, CA 92626	CA UST CA SWEEPS UST	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***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

#### ***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-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

#### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal landfill and/or solid waste disposal site lists***

CA SWF/LF..... Solid Waste Information System

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal voluntary cleanup sites***

CA VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
CA WMUDS/SWAT..... Waste Management Unit Database  
CA HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL..... Clandestine Drug Labs  
CA SCH..... School Property Evaluation Program  
CA Toxic Pits..... Toxic Pits Cleanup Act Sites  
CA CDL..... Clandestine Drug Labs  
US HIST CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS 2..... CERCLA Lien Information  
CA LIENS..... Environmental Liens Listing  
CA DEED..... Deed Restriction Listing

### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

CA LDS..... Land Disposal Sites Listing  
CA SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act  
SSTS..... Section 7 Tracking Systems  
ICIS..... Integrated Compliance Information System  
PADS..... PCB Activity Database System  
MLTS..... Material Licensing Tracking System  
RADINFO..... Radiation Information Database  
RAATS..... RCRA Administrative Action Tracking System  
RMP..... Risk Management Plans  
CA UIC..... UIC Listing  
CA CUPA Listings..... CUPA Resources List  
CA WIP..... Well Investigation Program Case List  
CA ENF..... Enforcement Action Listing  
INDIAN RESERV..... Indian Reservations  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
CA PROC..... Certified Processors Database  
CA MWMP..... Medical Waste Management Program Listing  
CA HWT..... Registered Hazardous Waste Transporter Database  
CA Financial Assurance..... Financial Assurance Information Listing  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
PCB TRANSFORMER..... PCB Transformer Registration Database  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
PRP..... Potentially Responsible Parties  
2020 COR ACTION..... 2020 Corrective Action Program List  
LEAD SMELTERS..... Lead Smelter Sites

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/26/2013 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
METROPOLITAN CIRCUITS INC #2	1261 LOGAN AVE	N 1/8 - 1/4 (0.225 mi.)	K60	116

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CVS PHARMACY NO 8830	2701 HARBOR BLVD	WSW 1/8 - 1/4 (0.172 mi.)	40	78
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VELIE CIRCITS INC</b>	<b>1267 LOGAN AVE.</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K64</b>	<b>119</b>

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 07/11/2013 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEWPORT MESA UNIFIED SCHOOL DI</b>	<b>2650 FAIRVIEW RD</b>	<b>ESE 0 - 1/8 (0.017 mi.)</b>	<b>C14</b>	<b>38</b>
<b>COSTA MESA LINCOLN MERCURY INC</b>	<b>2626 HARBOR BLVD</b>	<b>WSW 1/8 - 1/4 (0.161 mi.)</b>	<b>H32</b>	<b>59</b>
<b>NABERS CADILLAC</b>	<b>2600 HARBOR BLVD</b>	<b>SW 1/8 - 1/4 (0.173 mi.)</b>	<b>I43</b>	<b>85</b>
ICC COLLISION CENTERS	2600 HARBOR BLVD	SW 1/8 - 1/4 (0.173 mi.)	I44	87

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CONNELL CHEVROLET</b>	<b>2828 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.180 mi.)</b>	<b>J47</b>	<b>90</b>
<b>COSTA MESA MITSUBISHI</b>	<b>2833 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.199 mi.)</b>	<b>J51</b>	<b>98</b>
<b>COSTA MESA MITSUBISHI</b>	<b>2860 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.209 mi.)</b>	<b>J54</b>	<b>106</b>
<b>NISSAN COSTA MESA</b>	<b>2845 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.216 mi.)</b>	<b>J56</b>	<b>110</b>
<b>COIT DRAPERY &amp; CARPET CLEANERS</b>	<b>1297 LOGAN AVE</b>	<b>N 1/8 - 1/4 (0.230 mi.)</b>	<b>M72</b>	<b>153</b>
<b>FREEWAY AUTO BODY</b>	<b>1306 LOGAN AVE</b>	<b>NNW 1/8 - 1/4 (0.236 mi.)</b>	<b>M75</b>	<b>161</b>
<b>ORCHID CLEANERS</b>	<b>1548 ADAMS</b>	<b>WNW 1/8 - 1/4 (0.245 mi.)</b>	<b>76</b>	<b>163</b>

### **State- and tribal - equivalent NPL**

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, and dated 09/05/2013 has revealed that there are 2 CA RESPONSE sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>METROPOLITAN CIRCUITS</b>	<b>1267 LOGAN AVENUE</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K65</b>	<b>127</b>
<b>COSTA MESA AIR NATIONAL GUARD</b>	<b>S OF PRESIDIO DR &amp; WEST</b>	<b>E 1/2 - 1 (0.940 mi.)</b>	<b>113</b>	<b>340</b>

### **State- and tribal - equivalent CERCLIS**

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 09/05/2013 has revealed that there are 7 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA ANA AAB Status: Inactive - Needs Evaluation		ESE 1/4 - 1/2 (0.323 mi.)	R90	231
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
(CAMFP) SCHOOL DISTRICT Status: Inactive - Needs Evaluation		NW 0 - 1/8 (0.116 mi.)	D16	40
COSTA MESA AF PLT Status: Inactive - Needs Evaluation		NW 0 - 1/8 (0.116 mi.)	D17	41
(CMAFP) CITY COSTA MESA Status: Inactive - Needs Evaluation		NW 0 - 1/8 (0.116 mi.)	D18	42
<b>METROPOLITAN CIRCUITS</b> Status: Certified	<b>1267 LOGAN AVENUE</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K65</b>	<b>127</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
(CMAFP) SANTA ANA AIRUG Status: Inactive - Needs Evaluation		ESE 1/2 - 1 (0.818 mi.)	112	339
<b>COSTA MESA AIR NATIONAL GUARD</b> Status: Active	<b>S OF PRESIDIO DR &amp; WEST</b>	<b>E 1/2 - 1 (0.940 mi.)</b>	<b>113</b>	<b>340</b>

### **State and tribal leaking storage tank lists**

CA LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the CA LUST list, as provided by EDR, and dated 09/16/2013 has revealed that there are 40 CA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PLAINS HOME CENTER</b> Status: Completed - Case Closed	<b>2666 HARBOR BLVD</b>	<b>WSW 1/8 - 1/4 (0.159 mi.)</b>	<b>G29</b>	<b>56</b>
<b>JOHNSON LINCOLN/MERCURY</b> Status: Completed - Case Closed	<b>2626 HARBOR</b>	<b>WSW 1/8 - 1/4 (0.161 mi.)</b>	<b>H33</b>	<b>61</b>
<b>NABERS CADILLAC, INC.</b> Status: Completed - Case Closed	<b>2600 HARBOR BLVD</b>	<b>SW 1/8 - 1/4 (0.173 mi.)</b>	<b>I42</b>	<b>80</b>
<b>CITY OF COSTA MESA (POLICE DP)</b> Status: Completed - Case Closed	<b>99 FAIR DR</b>	<b>SE 1/4 - 1/2 (0.257 mi.)</b>	<b>N77</b>	<b>166</b>
COSTA MESA POLICE DEPT <b>EXXON SERVICE STATION</b> Status: Completed - Case Closed	99 FAIR DR <b>2490 FAIRVIEW</b>	SE 1/4 - 1/2 (0.257 mi.) <b>SSE 1/4 - 1/2 (0.295 mi.)</b>	N78 <b>80</b>	171 <b>174</b>
<b>ORANGE COAST JEEP EAGLE</b> Status: Completed - Case Closed	<b>2524 HARBOR BLVD</b>	<b>SW 1/4 - 1/2 (0.309 mi.)</b>	<b>87</b>	<b>219</b>
<b>HARBOR FAIR EXXON CORNER MKT</b> Status: Open - Eligible for Closure	<b>2502 HARBOR BLVD</b>	<b>SW 1/4 - 1/2 (0.349 mi.)</b>	<b>S93</b>	<b>238</b>
<b>FAIRVIEW DEVELOPMENT CENTER</b> Status: Completed - Case Closed	<b>2501 HARBOR BL</b>	<b>SW 1/4 - 1/2 (0.380 mi.)</b>	<b>S97</b>	<b>257</b>
<b>HIX PONTIAC</b> Status: Completed - Case Closed	<b>2480 HARBOR BLVD,</b>	<b>SSW 1/4 - 1/2 (0.402 mi.)</b>	<b>100</b>	<b>289</b>
<b>UNOCAL #5436</b> Status: Completed - Case Closed	<b>1645 ADAMS AVE</b>	<b>W 1/4 - 1/2 (0.488 mi.)</b>	<b>109</b>	<b>323</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COAST COMM COLLEGE DIST ADMIN</b> Status: Completed - Case Closed	<b>1370 ADAMS AVE</b>	<b>NW 0 - 1/8 (0.015 mi.)</b>	<b>B11</b>	<b>34</b>
<b>SHELL SERVICE STATION</b> Status: Completed - Case Closed	<b>2800 HARBOR</b>	<b>WNW 1/8 - 1/4 (0.157 mi.)</b>	<b>E22</b>	<b>44</b>
<b>MOBIL STATION (18-HD4)</b> Status: Completed - Case Closed	<b>2799 HARBOR BLVD</b>	<b>W 1/8 - 1/4 (0.170 mi.)</b>	<b>E36</b>	<b>67</b>
<b>99706</b> Status: Completed - Case Closed	<b>2801 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.171 mi.)</b>	<b>E39</b>	<b>74</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNIVERSITY OLDSMOBILE</b> Status: Completed - Case Closed	<b>2850 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.198 mi.)</b>	<b>J49</b>	<b>94</b>
<b>COSTA MESA MITSUBISHI</b> Status: Completed - Case Closed	<b>2833 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.199 mi.)</b>	<b>J51</b>	<b>98</b>
<b>HOLMES TUTTLE NISSAN INC</b> Status: Completed - Case Closed	<b>2845 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.216 mi.)</b>	<b>J57</b>	<b>111</b>
<b>BOAT TRANSIT CO</b> Status: Completed - Case Closed	<b>1343 LOGAN</b>	<b>N 1/8 - 1/4 (0.226 mi.)</b>	<b>M67</b>	<b>147</b>
VILLA MARTINIQUE Status: Completed - Case Closed	1425 VILLAGE WAY	NW 1/4 - 1/2 (0.270 mi.)	79	172
<b>SHELL SERVICE STATION</b> Status: Open - Remediation	<b>1201 E BAKER STREET</b>	<b>NNE 1/4 - 1/2 (0.297 mi.)</b>	<b>O81</b>	<b>179</b>
<b>EXXON #7-0865</b> EXXON #7-0865 Status: Open - Eligible for Closure	<b>1195 BAKER ST</b> 1195 BAKER ST	<b>NNE 1/4 - 1/2 (0.299 mi.)</b> NNE 1/4 - 1/2 (0.300 mi.)	<b>O82</b> O83	<b>189</b> 192
<b>CHEVRON STATION 9 9915</b> Status: Completed - Case Closed	<b>3000 FAIRVIEW</b>	<b>NNE 1/4 - 1/2 (0.301 mi.)</b>	<b>O84</b>	<b>196</b>
<b>COSTA MESA HONDA</b> Status: Completed - Case Closed	<b>2888 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.306 mi.)</b>	<b>P85</b>	<b>208</b>
<b>BAKER EQUIP RENTALS &amp; SALES</b> Status: Completed - Case Closed	<b>1151 BAKER ST</b>	<b>NNE 1/4 - 1/2 (0.307 mi.)</b>	<b>Q86</b>	<b>214</b>
COSTA MESA FIRE STATION #1 Status: Completed - Case Closed	2803 ROYAL PALM	W 1/4 - 1/2 (0.323 mi.)	89	225
<b>SOUTH COAST ACURA</b> Status: Completed - Case Closed	<b>2925 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.338 mi.)</b>	<b>P91</b>	<b>232</b>
<b>ATLAS CHRYSLER PLYMOUTH</b> <b>ATLAS DODGE CHRYSLER PLYMOUTH</b> Status: Completed - Case Closed	<b>2929 HARBOR BLVD</b> <b>2929 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.350 mi.)</b> <b>NW 1/4 - 1/2 (0.350 mi.)</b>	<b>P94</b> <b>P95</b>	<b>246</b> <b>251</b>
<b>GALLACHER INVESTMENT CO</b> Status: Completed - Case Closed	<b>1127 BAKER ST</b>	<b>NE 1/4 - 1/2 (0.365 mi.)</b>	<b>T96</b>	<b>254</b>
<b>SULLIVAN CONCRETE TEXTURES</b> Status: Completed - Case Closed	<b>1111 BAKER ST</b>	<b>NE 1/4 - 1/2 (0.390 mi.)</b>	<b>T99</b>	<b>284</b>
<b>METRO CAR WASH</b> Status: Completed - Case Closed	<b>2950 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.402 mi.)</b>	<b>U101</b>	<b>293</b>
<b>PAULINA GAS STATION</b> ADEPT MFG Status: Completed - Case Closed	<b>1045 EL CAMINO</b> 2990 GRACE LN	<b>ENE 1/4 - 1/2 (0.423 mi.)</b> NE 1/4 - 1/2 (0.423 mi.)	<b>V103</b> 104	<b>303</b> 306
<b>YOUR NEIGHBORHOOD GAS STATION</b> Status: Completed - Case Closed	<b>1045 EL CAMINO</b>	<b>ENE 1/4 - 1/2 (0.427 mi.)</b>	<b>V105</b>	<b>309</b>
YOUR NEIGHBORHOOD GAS STATION <b>PRESTIGE STN #673 (ARCO #5185)</b> Status: Completed - Case Closed	1045 EL CAMINO DRIVE <b>1450 BAKER ST</b>	ENE 1/4 - 1/2 (0.427 mi.) <b>NNW 1/4 - 1/2 (0.434 mi.)</b>	V106 <b>107</b>	313 <b>314</b>
<b>TEXACO SERVICE STATION 121876</b> Status: Completed - Case Closed	<b>3001 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.485 mi.)</b>	<b>W108</b>	<b>317</b>
<b>MOBIL STATION (18-HNR)</b> Status: Open - Eligible for Closure	<b>3006 HARBOR BLVD</b>	<b>NW 1/4 - 1/2 (0.497 mi.)</b>	<b>W110</b>	<b>326</b>



## EXECUTIVE SUMMARY

CA SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, and dated 09/16/2013 has revealed that there are 2 CA SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>METROPOLITAN VELIE CIRCUITS</b> Facility Status: Completed - Case Closed	<b>1261 LOGAN AVENUE</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K59</b>	<b>115</b>
<b>ITT / JABSCO FACILITY</b> Facility Status: Completed - Case Closed	<b>1485 DALE WAY</b>	<b>NW 1/4 - 1/2 (0.423 mi.)</b>	<b>U102</b>	<b>302</b>

### **State and tribal registered storage tank lists**

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, and dated 09/16/2013 has revealed that there are 16 CA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COSTA MESA HIGH SCHOOL</b>	<b>2650 FAIRVIEW RD</b>	<b>ESE 0 - 1/8 (0.017 mi.)</b>	<b>C13</b>	<b>37</b>
<b>PLAINS HOME CENTER</b>	<b>2666 HARBOR BLVD</b>	<b>WSW 1/8 - 1/4 (0.159 mi.)</b>	<b>G29</b>	<b>56</b>
<b>COSTA MESA LINCOLN MERCURY INC</b>	<b>2626 HARBOR BLVD</b>	<b>WSW 1/8 - 1/4 (0.161 mi.)</b>	<b>H32</b>	<b>59</b>
<b>NABERS CADILLAC INC</b>	<b>2600 HARBOR BLVD</b>	<b>SW 1/8 - 1/4 (0.173 mi.)</b>	<b>I45</b>	<b>89</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COAST COMMUNITY COLL/TRANS</b>	<b>1370 ADAMS AVE</b>	<b>NW 0 - 1/8 (0.015 mi.)</b>	<b>B8</b>	<b>31</b>
<b>SHELL (1818-1507)</b>	<b>2800 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.157 mi.)</b>	<b>E25</b>	<b>51</b>
<b>MOBIL STATION (18-HD4)</b>	<b>2799 HARBOR BLVD</b>	<b>W 1/8 - 1/4 (0.170 mi.)</b>	<b>E36</b>	<b>67</b>
<b>CHEVRON STATION #99706</b>	<b>2801 HARBOR BLVD # 9970</b>	<b>WNW 1/8 - 1/4 (0.171 mi.)</b>	<b>E38</b>	<b>74</b>
<b>CONNELL CHEVROLET</b>	<b>2828 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.180 mi.)</b>	<b>J47</b>	<b>90</b>
<b>UNIVERSITY OLDSMOBILE</b>	<b>2850 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.198 mi.)</b>	<b>J49</b>	<b>94</b>
<b>COSTA MESA MITSUBISHI</b>	<b>2833 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.199 mi.)</b>	<b>J51</b>	<b>98</b>
<b>UNIVERSITY SALES &amp; SERVICE</b>	<b>2850 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.209 mi.)</b>	<b>J52</b>	<b>102</b>
<b>HOLMES TUTTLE NISSAN INC</b>	<b>2845 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.216 mi.)</b>	<b>J57</b>	<b>111</b>
<b>COAST GENERAL TIRE</b>	<b>2855 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.225 mi.)</b>	<b>L61</b>	<b>117</b>
<b>VELIE CIRCUITS INC</b>	<b>1267 LOGAN AVE.</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K64</b>	<b>119</b>
<b>BOAT TRANSIT INC</b>	<b>1343 LOGAN AVE</b>	<b>N 1/8 - 1/4 (0.226 mi.)</b>	<b>M66</b>	<b>146</b>

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the CA AST list, as provided by EDR, and dated 08/01/2009 has revealed that there are 2 CA AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NABERS CADILLAC</b>	<b>2600 HARBOR BLVD</b>	<b>SW 1/8 - 1/4 (0.173 mi.)</b>	<b>I43</b>	<b>85</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2828 HARBOR BLVD	WNW 1/8 - 1/4 (0.180 mi.)	J46	90

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Hazardous waste / Contaminated Sites**

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 CA HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>METROPOLITAN CIRCUITS</b>	<b>1267 LOGAN AVENUE</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K65</b>	<b>127</b>
<b>COSTA MESA AIR NATIONAL GUARD</b>	<b>S OF PRESIDIO DR &amp; WEST</b>	<b>E 1/2 - 1 (0.940 mi.)</b>	<b>113</b>	<b>340</b>

#### **Local Lists of Registered Storage Tanks**

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 7 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COAST COMMUNITY COLL/TRANS	1370 ADAMS AVE	NW 0 - 1/8 (0.015 mi.)	B10	34
<b>SHELL OIL CO</b>	<b>2800 N HARBOR/ ADAMS</b>	<b>WNW 1/8 - 1/4 (0.157 mi.)</b>	<b>E23</b>	<b>48</b>
<b>MOBIL STATION (18-HD4)</b>	<b>2799 HARBOR BLVD</b>	<b>W 1/8 - 1/4 (0.170 mi.)</b>	<b>E36</b>	<b>67</b>
<b>COSTA MESA MITSUBISHI</b>	<b>2833 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.199 mi.)</b>	<b>J51</b>	<b>98</b>
<b>COSTA MESA MITSUBISHI</b>	<b>2860 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.209 mi.)</b>	<b>J54</b>	<b>106</b>
<b>COAST GENERAL TIRE</b>	<b>2855 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.225 mi.)</b>	<b>L61</b>	<b>117</b>
<b>VELIE CIRCITS INC</b>	<b>1267 LOGAN AVE.</b>	<b>N 1/8 - 1/4 (0.225 mi.)</b>	<b>K64</b>	<b>119</b>

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 15 CA HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COSTA MESA HIGH SCHOOL</b>	<b>2650 FAIRVIEW RD</b>	<b>ESE 0 - 1/8 (0.017 mi.)</b>	<b>C13</b>	<b>37</b>
KERM RIMA HARDWARE, INC.	2666 HARBOR BLVD	WSW 1/8 - 1/4 (0.159 mi.)	G28	56
<b>COSTA MESA LINCOLN MERCURY INC</b>	<b>2626 HARBOR BLVD</b>	<b>WSW 1/8 - 1/4 (0.161 mi.)</b>	<b>H32</b>	<b>59</b>
<b>NABERS CADILLAC, INC.</b>	<b>2600 HARBOR BLVD</b>	<b>SW 1/8 - 1/4 (0.173 mi.)</b>	<b>I42</b>	<b>80</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DISTRICT TRANSPORTATION	1370 ADAMS AVE	NW 0 - 1/8 (0.015 mi.)	B9	33
AVO ASYAN	2800 HARBOR BLVD	WNW 1/8 - 1/4 (0.157 mi.)	E24	50
KAMRAN HEIDARIAN	2799 HARBOR BLVD	W 1/8 - 1/4 (0.170 mi.)	E34	66
<b>99706</b>	<b>2801 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.171 mi.)</b>	<b>E39</b>	<b>74</b>
<b>CONNELL CHEVROLET</b>	<b>2828 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.180 mi.)</b>	<b>J47</b>	<b>90</b>
<b>UNIVERSITY SALES &amp; SERVICE</b>	<b>2850 HARBOR BLVD</b>	<b>WNW 1/8 - 1/4 (0.209 mi.)</b>	<b>J52</b>	<b>102</b>

## EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>UNIVERSITY HONDA</i>	<i>2860 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.209 mi.)</i>	<i>J53</i>	<i>105</i>
<i>HOLMES TUTTLE NISSAN INC</i>	<i>2845 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.216 mi.)</i>	<i>J57</i>	<i>111</i>
<i>COAST GENERAL TIRE</i>	<i>2855 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.225 mi.)</i>	<i>L61</i>	<i>117</i>
<i>VELIE CIRCITS INC</i>	<i>1267 LOGAN AVE.</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>K64</i>	<i>119</i>
<i>BOAT TRANSIT INC</i>	<i>1343 LOGAN AVE</i>	<i>N 1/8 - 1/4 (0.226 mi.)</i>	<i>M66</i>	<i>146</i>

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COAST COMMUNITY COLL/TRANS</i>	<i>1370 ADAMS AVE</i>	<i>NW 0 - 1/8 (0.015 mi.)</i>	<i>B8</i>	<i>31</i>
<i>SHELL (1818-1507)</i>	<i>2800 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.157 mi.)</i>	<i>E25</i>	<i>51</i>
<i>MOBIL STATION (18-HD4)</i>	<i>2799 HARBOR BLVD</i>	<i>W 1/8 - 1/4 (0.170 mi.)</i>	<i>E36</i>	<i>67</i>
<i>COSTA MESA MITSUBISHI</i>	<i>2833 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.199 mi.)</i>	<i>J51</i>	<i>98</i>
<i>UNIVERSITY SALES &amp; SERVICE</i>	<i>2850 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.209 mi.)</i>	<i>J52</i>	<i>102</i>
<i>UNIVERSITY HONDA</i>	<i>2860 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.209 mi.)</i>	<i>J53</i>	<i>105</i>
<i>COAST GENERAL TIRE</i>	<i>2855 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.225 mi.)</i>	<i>L61</i>	<i>117</i>
<i>VELIE CIRCITS INC</i>	<i>1267 LOGAN AVE.</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>K64</i>	<i>119</i>

### **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 07/11/2013 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>DUNCAN ELECTRONICS INC</i>	<i>2865 FAIRVIEW RD</i>	<i>NE 0 - 1/8 (0.003 mi.)</i>	<i>6</i>	<i>27</i>
<i>SHELL OIL CO</i>	<i>2800 N HARBOR/ ADAMS</i>	<i>WNW 1/8 - 1/4 (0.157 mi.)</i>	<i>E23</i>	<i>48</i>
<i>UNIVERSITY SALES &amp; SERVICE</i>	<i>2850 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.209 mi.)</i>	<i>J52</i>	<i>102</i>
<i>R I CHEMICAL, INC</i>	<i>1281 LOGAN AVE UNIT H</i>	<i>N 1/8 - 1/4 (0.227 mi.)</i>	<i>K69</i>	<i>150</i>

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 12/31/2011 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANTA ANA ARMY AIR BASE		ESE 1/4 - 1/2 (0.320 mi.)	R88	224

## EXECUTIVE SUMMARY

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>METROPOLITAN CIRCUITS</i>	<i>1267 LOGAN AVENUE</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>K65</i>	<i>127</i>

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 25 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>JOHNSON LINCOLN/MERCURY</i>	<i>2626 HARBOR</i>	<i>WSW 1/8 - 1/4 (0.161 mi.)</i>	<i>H33</i>	<i>61</i>
<i>NABERS CADILLAC, INC.</i>	<i>2600 HARBOR BLVD</i>	<i>SW 1/8 - 1/4 (0.173 mi.)</i>	<i>I42</i>	<i>80</i>
<i>ORANGE COAST JEEP EAGLE</i>	<i>2524 HARBOR BLVD</i>	<i>SW 1/4 - 1/2 (0.309 mi.)</i>	<i>87</i>	<i>219</i>
<i>HARBOR FAIR EXXON CORNER MKT</i>	<i>2502 HARBOR BLVD</i>	<i>SW 1/4 - 1/2 (0.349 mi.)</i>	<i>S93</i>	<i>238</i>
<i>FAIRVIEW DEVELOPMENT CENTER</i>	<i>2501 HARBOR BL</i>	<i>SW 1/4 - 1/2 (0.380 mi.)</i>	<i>S97</i>	<i>257</i>
<i>HIX PONTIAC</i>	<i>2480 HARBOR BLVD,</i>	<i>SSW 1/4 - 1/2 (0.402 mi.)</i>	<i>100</i>	<i>289</i>
<i>UNOCAL #5436</i>	<i>1645 ADAMS AVE</i>	<i>W 1/4 - 1/2 (0.488 mi.)</i>	<i>109</i>	<i>323</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COAST COMM COLLEGE DIST ADMIN</i>	<i>1370 ADAMS AVE</i>	<i>NW 0 - 1/8 (0.015 mi.)</i>	<i>B11</i>	<i>34</i>
<i>SHELL SERVICE STATION</i>	<i>2800 HARBOR</i>	<i>WNW 1/8 - 1/4 (0.157 mi.)</i>	<i>E22</i>	<i>44</i>
<i>MOBIL STATION (18-HD4)</i>	<i>2799 HARBOR BLVD</i>	<i>W 1/8 - 1/4 (0.170 mi.)</i>	<i>E36</i>	<i>67</i>
<i>CONNELL CHEVROLET</i>	<i>2828 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.180 mi.)</i>	<i>J47</i>	<i>90</i>
<i>COSTA MESA MITSUBISHI</i>	<i>2833 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.199 mi.)</i>	<i>J51</i>	<i>98</i>
<i>HOLMES TUTTLE NISSAN INC</i>	<i>2845 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.216 mi.)</i>	<i>J57</i>	<i>111</i>
<i>METROPOLITAN CIRCUITS</i>	<i>1267 LOGAN AVENUE</i>	<i>N 1/8 - 1/4 (0.225 mi.)</i>	<i>K65</i>	<i>127</i>
<i>BOAT TRANSIT CO</i>	<i>1343 LOGAN</i>	<i>N 1/8 - 1/4 (0.226 mi.)</i>	<i>M67</i>	<i>147</i>
<i>SHELL SERVICE STATION</i>	<i>1201 E BAKER STREET</i>	<i>NNE 1/4 - 1/2 (0.297 mi.)</i>	<i>O81</i>	<i>179</i>
<i>EXXON #7-0865</i>	<i>1195 BAKER ST</i>	<i>NNE 1/4 - 1/2 (0.299 mi.)</i>	<i>O82</i>	<i>189</i>
<i>COSTA MESA HONDA</i>	<i>2888 HARBOR BLVD</i>	<i>NW 1/4 - 1/2 (0.306 mi.)</i>	<i>P85</i>	<i>208</i>
<i>BAKER EQUIP RENTALS &amp; SALES</i>	<i>1151 BAKER ST</i>	<i>NNE 1/4 - 1/2 (0.307 mi.)</i>	<i>Q86</i>	<i>214</i>
<i>SOUTH COAST ACURA</i>	<i>2925 HARBOR BLVD</i>	<i>NW 1/4 - 1/2 (0.338 mi.)</i>	<i>P91</i>	<i>232</i>
<i>OLYMPIAN OIL CO</i>	<i>1139 BAKER</i>	<i>NE 1/4 - 1/2 (0.347 mi.)</i>	<i>Q92</i>	<i>238</i>
<i>ATLAS CHRYSLER PLYMOUTH</i>	<i>2929 HARBOR BLVD</i>	<i>NW 1/4 - 1/2 (0.350 mi.)</i>	<i>P94</i>	<i>246</i>
<i>GALLACHER INVESTMENT CO</i>	<i>1127 BAKER ST</i>	<i>NE 1/4 - 1/2 (0.365 mi.)</i>	<i>T96</i>	<i>254</i>
<i>SULLIVAN CONCRETE TEXTURES</i>	<i>1111 BAKER ST</i>	<i>NE 1/4 - 1/2 (0.390 mi.)</i>	<i>T99</i>	<i>284</i>
<i>YOUR NEIGHBORHOOD GAS STATION</i>	<i>1045 EL CAMINO</i>	<i>ENE 1/4 - 1/2 (0.427 mi.)</i>	<i>V105</i>	<i>309</i>

CA Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the CA Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there are 2 CA Notify 65 sites within approximately 1 mile of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COSTA MESA AIR NATIONAL GUARD</i>	<i>2651 NEWPORT BOULEVARD SE 1/2 - 1 (0.517 mi.)</i>		<i>111</i>	<i>335</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HOLMES TUTTLE NISSAN INC</i>	<i>2845 HARBOR BLVD</i>	<i>WNW 1/8 - 1/4 (0.216 mi.)</i>	<i>J57</i>	<i>111</i>

CA 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 CA DRYCLEANERS list, as provided by EDR, and dated 09/10/2013 has revealed that there are 3 CA DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CROWN CLEANERS</i>	<i>2750 HARBOR BLVD</i>	<i>W 1/8 - 1/4 (0.158 mi.)</i>	<i>F27</i>	<i>54</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COIT DRAPERY &amp; CARPET CLEANERS</i>	<i>1297 LOGAN AVE</i>	<i>N 1/8 - 1/4 (0.230 mi.)</i>	<i>M72</i>	<i>153</i>
<i>ORCHID CLEANERS</i>	<i>1548 ADAMS</i>	<i>WNW 1/8 - 1/4 (0.245 mi.)</i>	<i>76</i>	<i>163</i>

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 08/28/2013 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FAIRVIEW DEVELOPMENTAL CENTER</i>	<i>2501 HARBOR BLVD</i>	<i>SW 1/4 - 1/2 (0.380 mi.)</i>	<i>S98</i>	<i>276</i>

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there are 16 EDR US

## EXECUTIVE SUMMARY

Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	263 BOWLING GREEN DR	S 0 - 1/8 (0.094 mi.)	15	40
Not reported	2550 COLUMBIA DR	SSE 1/8 - 1/4 (0.145 mi.)	20	43
Not reported	2640 HARBOR BLVD	WSW 1/8 - 1/4 (0.160 mi.)	G30	59
Not reported	2626 HARBOR BLVD	WSW 1/8 - 1/4 (0.160 mi.)	H31	59
Not reported	2600 HARBOR BLVD	SW 1/8 - 1/4 (0.173 mi.)	I41	80

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	1300 ADAMS AVE	N 0 - 1/8 (0.016 mi.)	12	37
Not reported	2799 HARBOR BLVD	W 1/8 - 1/4 (0.170 mi.)	E35	67
Not reported	1500 ELM AVE	WNW 1/8 - 1/4 (0.186 mi.)	J48	94
Not reported	2833 HARBOR BLVD	WNW 1/8 - 1/4 (0.199 mi.)	J50	98
Not reported	2845 HARBOR BLVD	WNW 1/8 - 1/4 (0.216 mi.)	J55	110
Not reported	2855 HARBOR BLVD	WNW 1/8 - 1/4 (0.225 mi.)	L62	118
Not reported	1202 LOGAN AVE	NNE 1/8 - 1/4 (0.225 mi.)	63	118
Not reported	1260 LOGAN AVE	N 1/8 - 1/4 (0.227 mi.)	K68	149
Not reported	1281 LOGAN AVE	N 1/8 - 1/4 (0.227 mi.)	K70	153
Not reported	1304 LOGAN AVE	NNW 1/8 - 1/4 (0.235 mi.)	M73	160
Not reported	1306 LOGAN AVE	NNW 1/8 - 1/4 (0.236 mi.)	M74	160

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 7 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	425 MERRIMAC WAY	SW 0 - 1/8 (0.013 mi.)	7	31
Not reported	438 PRINCETON DR	SW 1/8 - 1/4 (0.129 mi.)	19	43
Not reported	253 PRINCETON DR	S 1/8 - 1/4 (0.153 mi.)	21	43
Not reported	2750 HARBOR BLVD	W 1/8 - 1/4 (0.158 mi.)	F26	53

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2801 HARBOR BLVD	WNW 1/8 - 1/4 (0.171 mi.)	E37	73
Not reported	1102 CORONA LN	ENE 1/8 - 1/4 (0.224 mi.)	58	114
Not reported	1297 LOGAN AVE	N 1/8 - 1/4 (0.230 mi.)	M71	153

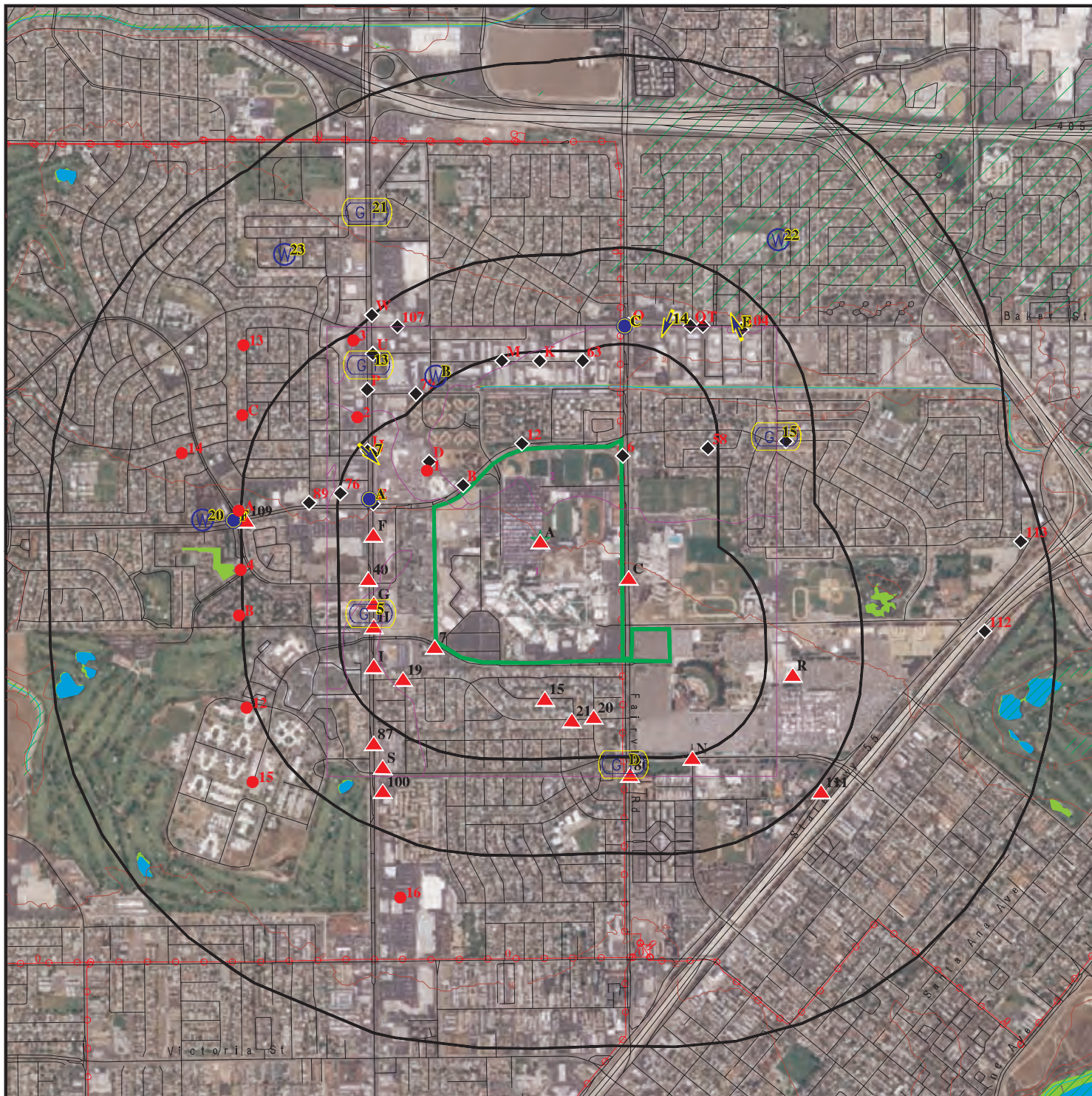
## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.

<u>Site Name</u>	<u>Database(s)</u>
COSTA MESA AIR NATIONAL G	CA HIST CORTESE
JIFFY LUBE	CA SWEEPS UST
BP WEST COAST PRODUCTS LLC 07009	CA HAZNET
ORANGE COUNTY MOTORSPORT	CA HAZNET
SOUTH COAST AUTO CLINIC	CA HAZNET
SOUTH COAST PLAZA	CA HAZNET
SOUTH COAST PLAZA	CA HAZNET
PACIFIC BELL	RCRA-LQG
4579 ORANGE COUNTY ENVIRONMENTAL H	FINDS
17662 ORANGE COUNTY ENVIRONMENTAL	FINDS
SOUTH COAST METRO CENTER	FINDS
SOUTH COAST CENTER ASSOCIATES	CA EMI



# OVERVIEW MAP - 3772737.2s



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

Areas of Concern

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

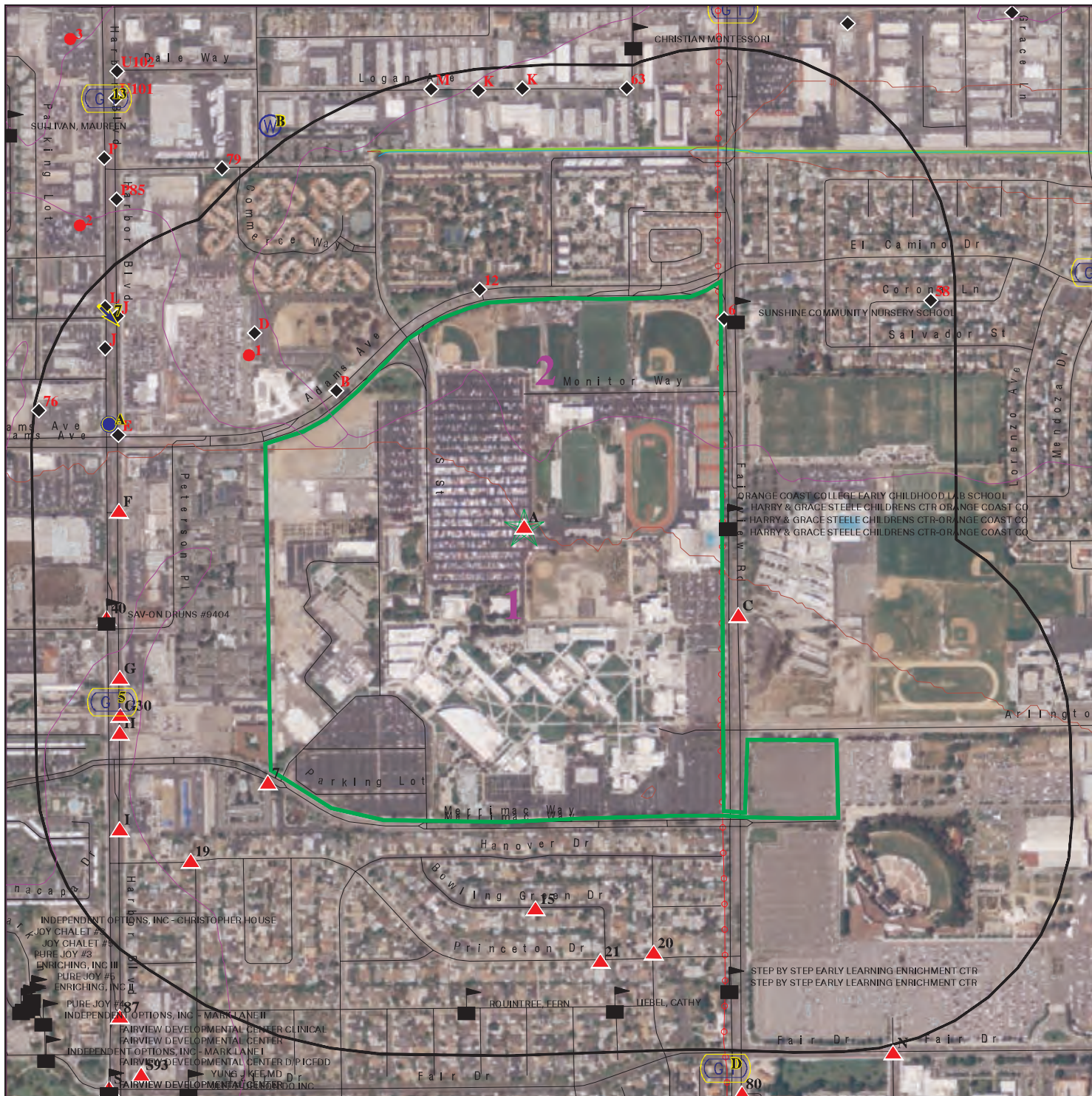
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Orange Coast College  
 ADDRESS: 2701 Fairview Road  
 Costa Mesa CA 92626  
 LAT/LONG: 33.672 / 117.9116

CLIENT: Dudek & Associates  
 CONTACT: Laura Roll  
 INQUIRY #: 3772737.2s  
 DATE: October 30, 2013 7:38 pm



# DETAIL MAP - 3772737.2s



- 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
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: Orange Coast College  
 ADDRESS: 2701 Fairview Road  
 Costa Mesa CA 92626  
 LAT/LONG: 33.672 / 117.9116

CLIENT: Dudek & Associates  
 CONTACT: Laura Roll  
 INQUIRY #: 3772737.2s  
 DATE: October 30, 2013 7:39 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	1	0	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250	1	0	2	NR	NR	NR	3
RCRA-SQG	0.250		1	10	NR	NR	NR	11
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
CA RESPONSE	1.000		0	1	0	1	NR	2
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CA ENVIROSTOR	1.000		3	1	1	2	NR	7
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
CA SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
CA LUST	0.500	1	1	10	29	NR	NR	41

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA SLIC	0.500		0	1	1	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
CA UST	0.250	1	2	14	NR	NR	NR	17
CA AST	0.250	1	0	2	NR	NR	NR	3
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500	1	0	0	0	NR	NR	1
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	1	0	1	NR	2
CA SCH	0.250		0	0	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA FID UST	0.250	1	1	6	NR	NR	NR	8
CA HIST UST	0.250	2	2	13	NR	NR	NR	17
CA SWEEPS UST	0.250	1	1	7	NR	NR	NR	9
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA LIENS	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA MCS	TP		NR	NR	NR	NR	NR	0
CA Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	3	NR	NR	NR	4
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	1	0	NR	1
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP	1	NR	NR	NR	NR	NR	1
HIST FTTS	TP	1	NR	NR	NR	NR	NR	1
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	1	0	0	NR	1
CA NPDES	TP	1	NR	NR	NR	NR	NR	1
CA UIC	TP		NR	NR	NR	NR	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA HIST CORTESE	0.500	1	1	9	15	NR	NR	26
CA CUPA Listings	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250	1	0	0	NR	NR	NR	1
CA Notify 65	1.000		0	1	0	1	NR	2
CA DRYCLEANERS	0.250		0	3	NR	NR	NR	3
CA WIP	0.250		0	0	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP	1	NR	NR	NR	NR	NR	1
CA EMI	TP	1	NR	NR	NR	NR	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA HWT	0.250		0	0	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HWP	1.000		0	0	1	0	NR	1
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		2	14	NR	NR	NR	16
EDR US Hist Cleaners	0.250		1	6	NR	NR	NR	7

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

**A1**      **ORANGE COAST COLLEGE**  
**Target**    **2701 FAIRVIEW RD**  
**Property**   **COSTA MESA, CA 92626**

Site 1 of 5 in cluster A

**Actual:**  
**61 ft.**

**RCRA-LQG**    **1000315143**  
**FTTS**        **CAD981981236**  
**HIST FTTS**  
**FINDS**  
**CA NPDES**  
**CA HIST CORTESE**  
**CA SWRCY**  
**CA LUST**  
**CA FID UST**  
**CA HIST UST**  
**CA AST**  
**NY MANIFEST**  
**CA EMI**

**RCRA-LQG:**

Date form received by agency: 03/08/2010  
Facility name:            ORANGE COAST COLLEGE  
Facility address:        2701 FAIRVIEW ROAD  
                                  COSTA MESA, CA 92626  
EPA ID:                    CAD981981236  
Mailing address:        FAIRVIEW ROAD  
                                  COSTA MESA, CA 92626  
Contact:                  DEEPAK CHAUHAN  
Contact address:        ADAMS AVE.  
                                  COSTA MESA, CA 92626  
Contact country:        Not reported  
Contact telephone:     (714) 438-4733  
Contact email:          DCHAUHAN@MAIL.CCCS.EDU  
EPA Region:             09  
Land type:                State  
Classification:         Large Quantity Generator  
Description:             Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name:    NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
                                  NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status:             District  
Owner/Operator Type:    Operator  
Owner/Op start date:     Not reported  
Owner/Op end date:       Not reported  
  
Owner/operator name:    COAST COMMUNITY COLLEGE  
Owner/operator address: NOT REQUIRED  
                                  NOT REQUIRED, ME 99999  
Owner/operator country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Owner/operator telephone: (415) 555-1212  
Legal status: District  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: COAST COMMUNITY COLLEGE  
Owner/operator address: ADAMS AVE  
COSTA MESA, CA 92626

Owner/operator country: Not reported  
Owner/operator telephone: (714) 438-4733  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/1996  
Owner/Op end date: Not reported

Owner/operator name: DEEPAK CHAUHAN  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: State  
Owner/Operator Type: Operator  
Owner/Op start date: 07/01/2005  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries  
Accumulated waste on-site: Yes  
Generated waste on-site: No

Waste type: Lamps  
Accumulated waste on-site: Yes  
Generated waste on-site: No

Waste type: Pesticides  
Accumulated waste on-site: Yes  
Generated waste on-site: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Waste type: Thermostats  
Accumulated waste on-site: Yes  
Generated waste on-site: No

Historical Generators:

Date form received by agency: 09/01/1996  
Facility name: ORANGE COAST COLLEGE  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: ORANGE COAST COLLEGE  
Classification: Small Quantity Generator

Date form received by agency: 04/06/1987  
Facility name: ORANGE COAST COLLEGE  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: 135  
Waste name: 135

Waste code: 151  
Waste name: 151

Waste code: 181  
Waste name: 181

Waste code: 214  
Waste name: 214

Waste code: 223  
Waste name: 223

Waste code: 541  
Waste name: 541

Waste code: 551  
Waste name: 551

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Waste code: D003  
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D011  
Waste name: SILVER

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: State Statute or Regulation  
Date violation determined: 07/24/2008  
Date achieved compliance: 08/27/2008  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/24/2008  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 06/17/2009  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/24/2008  
Evaluation: FOCUSED COMPLIANCE INSPECTION  
Area of violation: State Statute or Regulation  
Date achieved compliance: 08/27/2008  
Evaluation lead agency: State

Evaluation date: 01/13/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

FTTS:

Case Number: Not reported  
Docket Number: 09-88-0019  
Complaint Issue Date: 04/22/88  
Abatement Amount: 335500.0000  
Proposed Penalty: 1930.0000  
Final Assessment: 5000.0000  
Final Order Date: 02/01/89  
Close Date: / /  
Violations(s): PCB, Use  
PCB, Dispose  
PCB, Failure to Maintain Records

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

**FTTS INSP:**

Inspection Number: 19870924CA001 1  
Region: 09  
Inspection Date: 09/24/87  
Inspector: BERMAN  
Violation occurred: Yes  
Investigation Type: Section 6 PCB State Conducted  
Investigation Reason: For Cause, Government  
Legislation Code: TSCA  
Facility Function: User

**HIST FTTS:**

Case Number: Not reported  
Docket Number: 09-88-0019  
Complaint Issue Date: 04/22/1988  
Abatement Amount: 335500.000  
Proposed Penalty: 1930.0000  
Final Assessment: 5000.0000  
Final Order Date: 02/01/1989  
Close Date: / /  
Violations(s): PCB, Use  
PCB, Dispose  
PCB, Failure to Maintain Records

**HIST FTTS INSP:**

Inspection Number: 19870924CA001 1  
Region: 09  
Inspection Date: Not reported  
Inspector: BERMAN  
Violation occurred: Yes  
Investigation Type: Section 6 PCB State Conducted  
Investigation Reason: For Cause, Government  
Legislation Code: TSCA  
Facility Function: User

**FINDS:**

Registry ID: 110002763670

**Environmental Interest/Information System**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

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

NPDES:

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 400705  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 30C356893  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 12/08/2009  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 06/13/2011  
Discharge Name: Coast Community College District  
Discharge Address: 1370 Adams Ave  
Discharge City: Costa Mesa  
Discharge State: California  
Discharge Zip: 92626

Npdes Number: CAS000002  
Facility Status: Terminated  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 356345  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 30C354126  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 12/04/2008  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 06/09/2011  
Discharge Name: Coast Community College Dist  
Discharge Address: 1370 Adams Ave  
Discharge City: Costa Mesa  
Discharge State: California  
Discharge Zip: 92626

CORTESE:

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000788T

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

SWRCY:

Reg Id: 19369  
Cert Id: RC1009  
Mailing Address: P O Box 5005  
Mailing City: Costa Mesa  
Mailing State: CA  
Mailing Zip Code: 92626  
Website: Not reported  
Phone Number: Not reported  
Grand Father: N  
Rural: N  
Operation Begin Date: 09/29/1987  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Agency: N/A  
Monday Hours Of Operation: 9:00 am - 5:00 pm  
Tuesday Hours Of Operation: 9:00 am - 5:00 pm  
Wednesday Hours Of Operation: 9:00 am - 5:00 pm  
Thursday Hours Of Operation: 9:00 am - 5:00 pm  
Friday Hours Of Operation: 9:00 am - 5:00 pm  
Saturday Hours Of Operation: 9:00 am - 5:00 pm  
Sunday Hours Of Operation: CLOSED  
Cert Status: Operational  
Organization ID: 19369  
Organization Name: ASOCC Recycling Center  
Agency Reg ID: N/A  
Operation End Date: Not reported

LUST:

Region: STATE  
Global Id: T0605970448  
Latitude: 33.668707  
Longitude: -117.911426  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 02/02/2000  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 99UT055  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605970448  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Email: dbaker@ochca.com  
Phone Number: 7144336255  
  
Global Id: T0605970448  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Status History:  
Global Id: T0605970448  
Status: Completed - Case Closed  
Status Date: 02/02/2000  
  
Global Id: T0605970448  
Status: Open - Case Begin Date  
Status Date: 11/08/1999

Regulatory Activities:  
Global Id: T0605970448  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported  
  
Global Id: T0605970448  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Region: STATE  
Global Id: T0605900626  
Latitude: 33.6690267  
Longitude: -117.9079647  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/31/1990  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000788T  
LOC Case Number: 88UT091  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating, Gasoline, Aviation  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:  
Global Id: T0605900626  
Contact Type: Regional Board Caseworker  
Contact Name: PATRICIA HANNON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605900626  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605900626  
Status: Completed - Case Closed  
Status Date: 08/31/1990

Global Id: T0605900626  
Status: Open - Case Begin Date  
Status Date: 10/20/1989

Regulatory Activities:

Global Id: T0605900626  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900626  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 99UT055  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 02/02/2000  
Case Type: Soil Only  
Record ID: RO0002462

Region: ORANGE  
Facility Id: 88UT091  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 08/31/1990  
Case Type: Soil Only  
Record ID: RO0002987

Region: ORANGE  
Facility Id: 88UT091  
Current Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

1000315143

Released Substance: Waste oil/Used oil  
Date Closed: 08/31/1990  
Case Type: Not reported  
Record ID: RO0002987

Region: ORANGE  
Facility Id: 88UT091  
Current Status: Not reported  
Released Substance: Miscellaneous motor vehicle fuel  
Date Closed: 08/31/1990  
Case Type: Not reported  
Record ID: RO0002987

Region: ORANGE  
Facility Id: 88UT091  
Current Status: Not reported  
Released Substance: Jet Fuel and additives: A (kerosene type), A-1 (kerosene type), B (wide cut or naphtha)  
Date Closed: 08/31/1990  
Case Type: Not reported  
Record ID: RO0002987

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000788T  
Local Case Num: 88UT091  
Case Type: Soil only  
Substance: 12034,12035,  
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: T0605900626  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/20/1989  
Enforcement Date: Not reported  
Close Date: 8/31/1990  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.6690267  
Longitude: -117.9079647  
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: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 99UT055  
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: T0605970448  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 11/8/1999  
Enforcement Date: Not reported  
Close Date: 2/2/2000  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

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: PAH  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30003506  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7144325760  
Mail To: Not reported  
Mailing Address: 1370 ADAMS  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
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 UST:**

Region: STATE  
Facility ID: 00000028654  
Facility Type: Other  
Other Type: EDUCATION  
Total Tanks: 0001  
Contact Name: DAVID HILL  
Telephone: 7144320202  
Owner Name: COAST COMMUNITY COLLEGE DISTRI  
Owner Address: 1370 ADAMS AVENUE  
Owner City,St,Zip: COSTA MESA, CA 92626  
  
Tank Num: 001  
Container Num: 8

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

Year Installed: 1972  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

AST:

Owner: ORANGE COAST COLLEGE  
Total Gallons: 1,320  
Certified Unified Program Agencies: Orange

NY MANIFEST:

EPA ID: CAD981981236  
Country: USA  
Mailing Name: ORANGE COAST COLLEGE  
Mailing Contact: BEN KOLLMEYER  
Mailing Address: 1370 ADAMS AVE  
Mailing Address 2: Not reported  
Mailing City: COSTA MESA  
Mailing State: CA  
Mailing Zip: 92626  
Mailing Zip4: Not reported  
Mailing Country: USA  
Mailing Phone: 714-438-4728

Document ID: NYB7731666  
Manifest Status: Completed after the designated time period for a TSDf to get a copy to the DEC  
Trans1 State ID: Not reported  
Trans2 State ID: 11340PNY  
Generator Ship Date: 970307  
Trans1 Recv Date: 970307  
Trans2 Recv Date: 970307  
TSD Site Recv Date: 970321  
Part A Recv Date: 970321  
Part B Recv Date: 970402  
Generator EPA ID: CAD981981236  
Trans1 EPA ID: ARD069748192  
Trans2 EPA ID: NYD980769947  
TSDf ID: NYD000632372  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Quantity: 00400  
Units: P - Pounds  
Number of Containers: 002  
Container Type: CY - Cylinders  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100  
Year: 97

EMI:

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 58591  
Air District Name: SC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1000315143**

SIC Code: 8221  
 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: 6  
 Reactive Organic Gases Tons/Yr: 5  
 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 & Smlr Tons/Yr: 0

Year: 1995  
 County Code: 30  
 Air Basin: SC  
 Facility ID: 58591  
 Air District Name: SC  
 SIC Code: 8221  
 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: 2  
 SOX - Oxides of Sulphur Tons/Yr: 0  
 Particulate Matter Tons/Yr: 0  
 Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

**A2  
 Target  
 Property**

**ORANGE COAST COLLEGE(RECYCLYIN  
 2701 FAIRVIEW RD  
 COSTA MESA, CA 92626**

**CA HIST UST U001576823  
 N/A**

**Site 2 of 5 in cluster A**

**Actual:  
 61 ft.**

HIST UST:  
 Region: STATE  
 Facility ID: 00000023030  
 Facility Type: Other  
 Other Type: EDUCATION  
 Total Tanks: 0007  
 Contact Name: DAVID HILL  
 Telephone: 7144320202  
 Owner Name: COAST COMMUNITY COLLEGE DISTRI  
 Owner Address: 1370 ADAMS AVENUE  
 Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
 Container Num: 7  
 Year Installed: 1982  
 Tank Capacity: 00000100  
 Tank Used for: WASTE  
 Type of Fuel: PREMIUM  
 Tank Construction: Not reported  
 Leak Detection: Visual

Tank Num: 002  
 Container Num: 6

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE(RECYCLYIN (Continued)**

**U001576823**

Year Installed: Not reported  
Tank Capacity: 00000250  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 003  
Container Num: 5  
Year Installed: Not reported  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 006  
Container Num: 2  
Year Installed: 1978  
Tank Capacity: 00009000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 007  
Container Num: 1  
Year Installed: 1980  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3**  
**Target**  
**Property**  
**ORANGE COAST COLLEGE**  
**2701 FAIRVIEW RD**  
**COSTA MESA, CA 92626**

**CA HAZNET** **S113011287**  
**N/A**

**Site 3 of 5 in cluster A**

**Actual:**  
**61 ft.**

**HAZNET:**

Year: 2012  
Gepaid: CAD981981236  
Contact: DEEPAK CHAUHAN EHS SPECIALIST  
Telephone: 7144384733  
Mailing Name: Not reported  
Mailing Address: 1370 ADAMS AVE  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Orange  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.02085  
Facility County: Orange

Year: 2012  
Gepaid: CAD981981236  
Contact: DEEPAK CHAUHAN EHS SPECIALIST  
Telephone: 7144384733  
Mailing Name: Not reported  
Mailing Address: 1370 ADAMS AVE  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Orange  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.75  
Facility County: Orange

Year: 2012  
Gepaid: CAD981981236  
Contact: DEEPAK CHAUHAN EHS SPECIALIST  
Telephone: 7144384733  
Mailing Name: Not reported  
Mailing Address: 1370 ADAMS AVE  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Orange  
TSD EPA ID: CAD003963592  
TSD County: Santa Clara  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.7089  
Facility County: Orange

Year: 2012  
Gepaid: CAD981981236  
Contact: DEEPAK CHAUHAN EHS SPECIALIST  
Telephone: 7144384733

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**S113011287**

Mailing Name: Not reported  
 Mailing Address: 1370 ADAMS AVE  
 Mailing City,St,Zip: COSTA MESA, CA 926260000  
 Gen County: Orange  
 TSD EPA ID: AZC950823111  
 TSD County: 99  
 Waste Category: Not reported  
 Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
 Tons: 16  
 Facility County: Orange

Year: 2012  
 Gepaid: CAD981981236  
 Contact: DEEPAK CHAUHAN EHS SPECIALIST  
 Telephone: 7144384733  
 Mailing Name: Not reported  
 Mailing Address: 1370 ADAMS AVE  
 Mailing City,St,Zip: COSTA MESA, CA 926260000  
 Gen County: Orange  
 TSD EPA ID: CAD008364432  
 TSD County: Los Angeles  
 Waste Category: Not reported  
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
 Tons: 0.175  
 Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 198 additional CA\_HAZNET: record(s) in the EDR Site Report.

**A4  
 Target  
 Property**

**CELLCO - MESA VERDE  
 2701 FAIRVIEW ROAD  
 COSTA MESA, CA**

**FINDS 1012304848  
 N/A**

**Site 4 of 5 in cluster A**

**Actual:  
 61 ft.**

**FINDS:**

Registry ID: 110040415324

**Environmental Interest/Information System**

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A5** ORANGE COAST COLLEGE  
**Target** 2701 FAIRVIEW RD  
**Property** COSTA MESA, CA 92626

CA UST 1008186573  
CA SWEEPS UST N/A

**Site 5 of 5 in cluster A**

**Actual:**  
**61 ft.**

UST:

Facility ID: 6695  
Latitude: 33.66923  
Longitude: -117.90774

SWEEPS UST:

Status: Not reported  
Comp Number: 6695  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000001  
Actv Date: Not reported  
Capacity: 4000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 6695  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000002  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 6695  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000003  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST COLLEGE (Continued)**

**1008186573**

Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 6695  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000004  
Actv Date: Not reported  
Capacity: 2000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6695  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000005  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: Active  
Comp Number: 6695  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006695-000008  
Actv Date: Not reported  
Capacity: 2000  
Tank Use: M.V. FUEL  
Stg: P  
Content: AVIA. GAS  
Number Of Tanks: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

6  
NE  
< 1/8  
0.003 mi.  
18 ft.

**DUNCAN ELECTRONICS INC**  
2865 FAIRVIEW RD  
COSTA MESA, CA

RCRA NonGen / NLR  
FINDS  
CA HAZNET  
CA EMI

1000167837  
CAD008366445

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**52 ft.**

Date form received by agency: 06/07/1995  
Facility name: DUNCAN ELECTRONICS INC  
Facility address: 2865 FAIRVIEW RD  
COSTA MESA, CA 92626  
EPA ID: CAD008366445  
Contact: RICHARD RAMIREZ  
Contact address: 15771 RED HILL AVE  
TUSTIN, CA 92626  
Contact country: US  
Contact telephone: (714) 258-7500  
Contact email: Not reported  
EPA Region: 09  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SYSTRON-DONNER CORPORATION  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUNCAN ELECTRONICS INC (Continued)**

**1000167837**

Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/22/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002633357

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.

HAZNET:

Year: 1995  
Gepaid: CAD008366445  
Contact: BEI SENSORS AND MOTION SYSTEMS  
Telephone: 8183620300  
Mailing Name: Not reported  
Mailing Address: 13100 TELFAIR AVE  
Mailing City,St,Zip: SYLMAR, CA 913423573  
Gen County: Not reported  
TSD EPA ID: CAT080010101  
TSD County: Not reported  
Waste Category: Unspecified solvent mixture  
Disposal Method: Not reported  
Tons: .2293  
Facility County: Orange

Year: 1995  
Gepaid: CAD008366445  
Contact: BEI SENSORS AND MOTION SYSTEMS  
Telephone: 8183620300  
Mailing Name: Not reported  
Mailing Address: 13100 TELFAIR AVE  
Mailing City,St,Zip: SYLMAR, CA 913423573  
Gen County: Not reported  
TSD EPA ID: CAT080010101  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: .0125  
Facility County: Orange

Year: 1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUNCAN ELECTRONICS INC (Continued)**

**1000167837**

Gepaid: CAD008366445  
Contact: BEI SENSORS AND MOTION SYSTEMS  
Telephone: 8183620300  
Mailing Name: Not reported  
Mailing Address: 13100 TELFAIR AVE  
Mailing City,St,Zip: SYLMAR, CA 913423573  
Gen County: Not reported  
TSD EPA ID: CAD000088252  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Transfer Station  
Tons: .2293  
Facility County: Orange

Year: 1995  
Gepaid: CAD008366445  
Contact: BEI SENSORS AND MOTION SYSTEMS  
Telephone: 8183620300  
Mailing Name: Not reported  
Mailing Address: 13100 TELFAIR AVE  
Mailing City,St,Zip: SYLMAR, CA 913423573  
Gen County: Not reported  
TSD EPA ID: CAD000088252  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Not reported  
Tons: .2293  
Facility County: Orange

Year: 1995  
Gepaid: CAD008366445  
Contact: BEI SENSORS AND MOTION SYSTEMS  
Telephone: 8183620300  
Mailing Name: Not reported  
Mailing Address: 13100 TELFAIR AVE  
Mailing City,St,Zip: SYLMAR, CA 913423573  
Gen County: Not reported  
TSD EPA ID: CAT080022148  
TSD County: Not reported  
Waste Category: Laboratory waste chemicals  
Disposal Method: Transfer Station  
Tons: .2501  
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access  
7 additional CA\_HAZNET: record(s) in the EDR Site Report.

**EMI:**

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 21833  
Air District Name: SC  
SIC Code: 3679  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUNCAN ELECTRONICS INC (Continued)**

**1000167837**

Total Organic Hydrocarbon Gases Tons/Yr: 3  
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 & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 21833  
Air District Name: SC  
SIC Code: 1731  
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: 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 & Smlr Tons/Yr: 0

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 21833  
Air District Name: SC  
SIC Code: 3825  
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 & Smlr Tons/Yr: 0

Year: 1995  
County Code: 30  
Air Basin: SC  
Facility ID: 21833  
Air District Name: SC  
SIC Code: 3825  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUNCAN ELECTRONICS INC (Continued)**

**1000167837**

Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

7  
SW  
< 1/8  
0.013 mi.  
66 ft.

**425 MERRIMAC WAY  
COSTA MESA, CA 92626**

**EDR US Hist Cleaners 1015059625  
N/A**

**Relative:  
Higher**

EDR Historical Cleaners:

Name: SWANSONS CARPET CLEANING

Year: 2001

**Actual:  
67 ft.**

Address: 425 MERRIMAC WAY

Name: SWANSONS CARPET CLEANING

Year: 2002

Address: 425 MERRIMAC WAY

Name: SWANSONS CARPET CLEANING

Year: 2003

Address: 425 MERRIMAC WAY

B8  
NW  
< 1/8  
0.015 mi.  
81 ft.

**COAST COMMUNITY COLL/TRANS  
1370 ADAMS AVE  
COSTA MESA, CA 92626**

**CA UST U003432923  
CA SWEEPS UST N/A**

**Site 1 of 4 in cluster B**

**Relative:  
Lower**

UST:

Facility ID: 6690

Latitude: 33.67397

**Actual:  
58 ft.**

Longitude: -117.9153

SWEEPS UST:

Status: Not reported

Comp Number: 6690

Number: Not reported

Board Of Equalization: Not reported

Referral Date: Not reported

Action Date: Not reported

Created Date: Not reported

Tank Status: Not reported

Owner Tank Id: Not reported

Swrcb Tank Id: 30-000-006690-000007

Actv Date: Not reported

Capacity: 500

Tank Use: UNKNOWN

Stg: PRODUCT

Content: Not reported

Number Of Tanks: 5

Status: Not reported

Comp Number: 6690

Number: Not reported

Board Of Equalization: Not reported

Referral Date: Not reported

Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COAST COMMUNITY COLL/TRANS (Continued)**

**U003432923**

Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000008  
Actv Date: Not reported  
Capacity: 500  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 6690  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000009  
Actv Date: Not reported  
Capacity: 1500  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 6690  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000010  
Actv Date: Not reported  
Capacity: 4  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Not reported  
Comp Number: 6690  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000011  
Actv Date: Not reported  
Capacity: 500

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COAST COMMUNITY COLL/TRANS (Continued)**

**U003432923**

Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6690  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000005  
Actv Date: Not reported  
Capacity: 4000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 2

Status: Active  
Comp Number: 6690  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006690-000006  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**B9  
NW  
< 1/8  
0.015 mi.  
81 ft.**

**DISTRICT TRANSPORTATION  
1370 ADAMS AVE  
COSTA MESA, CA 92626  
Site 2 of 4 in cluster B**

**CA HIST UST U001576794  
N/A**

**Relative:  
Lower**

HIST UST:  
Region: STATE  
Facility ID: 00000028136  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0002  
Contact Name: BOB SANDS  
Telephone: 7144325762  
Owner Name: COAST COMMUNITY COLLEGE DISTRI  
Owner Address: 1370 ADAMS AVE.  
Owner City,St,Zip: COSTA MESA, CA 92626

**Actual:  
58 ft.**

Tank Num: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DISTRICT TRANSPORTATION (Continued)**

**U001576794**

Container Num: #1  
Year Installed: 1976  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 002  
Container Num: #2  
Year Installed: 1976  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Visual

**B10  
NW  
< 1/8  
0.015 mi.  
81 ft.**

**COAST COMMUNITY COLL/TRANS  
1370 ADAMS AVE  
COSTA MESA, CA 92626  
Site 3 of 4 in cluster B**

**CA FID UST S101609519  
N/A**

**Relative:  
Lower  
Actual:  
58 ft.**

CA FID UST:  
Facility ID: 30017322  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145551212  
Mail To: Not reported  
Mailing Address: 1370 ADAMS  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**B11  
NW  
< 1/8  
0.015 mi.  
81 ft.**

**COAST COMM COLLEGE DIST ADMIN  
1370 ADAMS AVE  
COSTA MESA, CA 92626  
Site 4 of 4 in cluster B**

**CA HIST CORTESE U003147636  
CA LUST N/A**

**Relative:  
Lower  
Actual:  
58 ft.**

CORTESE:  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001313T

LUST:  
Region: STATE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COAST COMM COLLEGE DIST ADMIN (Continued)**

**U003147636**

Global Id: T0605901004  
Latitude: 33.674709  
Longitude: -117.915733  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/31/1990  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001313T  
LOC Case Number: 89UT198  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901004  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901004  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901004  
Status: Completed - Case Closed  
Status Date: 08/31/1990

Global Id: T0605901004  
Status: Open - Case Begin Date  
Status Date: 10/20/1989

**Regulatory Activities:**

Global Id: T0605901004  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901004  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COAST COMM COLLEGE DIST ADMIN (Continued)**

**U003147636**

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 89UT198  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 08/31/1990  
Case Type: Soil Only  
Record ID: RO0001375

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001313T  
Local Case Num: 89UT198  
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: T0605901004  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/20/1989  
Enforcement Date: Not reported  
Close Date: 8/31/1990  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6733945  
Longitude: -117.918215  
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: \*

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COAST COMM COLLEGE DIST ADMIN (Continued)**

**U003147636**

Staff: PAH  
 Staff Initials: AR  
 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

**12**  
**North**  
**< 1/8**  
**0.016 mi.**  
**85 ft.**

**1300 ADAMS AVE**  
**COSTA MESA, CA 92626**

**EDR US Hist Auto Stat 1015201071**  
**N/A**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: BITE ME AUTOMOTIVE ASSESSORIES  
 Year: 2001  
 Address: 1300 ADAMS AVE

**Actual:**  
**54 ft.**

**C13**  
**ESE**  
**< 1/8**  
**0.017 mi.**  
**90 ft.**

**COSTA MESA HIGH SCHOOL**  
**2650 FAIRVIEW RD**  
**COSTA MESA, CA 92626**  
**Site 1 of 2 in cluster C**

**CA NPDES U001576792**  
**CA UST N/A**  
**CA HIST UST**

**Relative:**  
**Higher**

NPDES:

Npdes Number: CAS000002  
 Facility Status: Active  
 Agency Id: 0  
 Region: 8  
 Regulatory Measure Id: 414261  
 Order No: 2009-0009-DWQ  
 Regulatory Measure Type: Enrollee  
 Place Id: Not reported  
 WDID: 8 30C361550  
 Program Type: Construction  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: 07/28/2011  
 Expiration Date Of Regulatory Measure: Not reported  
 Termination Date Of Regulatory Measure: Not reported  
 Discharge Name: Newport Mesa Unified School District  
 Discharge Address: 2985 Bear Street  
 Discharge City: Costa Mesa  
 Discharge State: California  
 Discharge Zip: 92626

**Actual:**  
**61 ft.**

Npdes Number: CAS000002  
 Facility Status: Active  
 Agency Id: 0  
 Region: 8  
 Regulatory Measure Id: 415894  
 Order No: 2009-0009-DWQ  
 Regulatory Measure Type: Enrollee

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HIGH SCHOOL (Continued)**

**U001576792**

Place Id: Not reported  
WDID: 8 30C361551  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/28/2011  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Newport Mesa Unified School District  
Discharge Address: 2985 Bear St Building E  
Discharge City: Costa Mesa  
Discharge State: California  
Discharge Zip: 92626

UST:

Facility ID: 6694  
Latitude: 33.66982  
Longitude: -117.9077

HIST UST:

Region: STATE  
Facility ID: 00000029959  
Facility Type: Other  
Other Type: SCHOOL DISTRICT  
Total Tanks: 0001  
Contact Name: RAYMOND R. SCHNIERER  
Telephone: 7145563240  
Owner Name: NEWPORT-MESA UNIFIED SCHOOL DI  
Owner Address: P.O. BOX 1368  
Owner City,St,Zip: NEWPORT BEACH, CA 92663

Tank Num: 001  
Container Num: 1  
Year Installed: 1958  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**C14**  
**ESE**  
**< 1/8**  
**0.017 mi.**  
**90 ft.**

**NEWPORT MESA UNIFIED SCHOOL DIST**  
**2650 FAIRVIEW RD**  
**COSTA MESA, CA**  
**Site 2 of 2 in cluster C**

**RCRA-SQG 1000348908**  
**FINDS CAD981431570**

**Relative:**  
**Higher**

RCRA-SQG:  
Date form received by agency: 07/22/1986  
Facility name: NEWPORT MESA UNIFIED SCHOOL DIST  
Facility address: 2650 FAIRVIEW RD  
COSTA MESA, CA 92626  
EPA ID: CAD981431570  
Mailing address: 2985A BEAR ST  
COSTA MESA, CA 92626  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 2650 FAIRVIEW RD  
COSTA MESA, CA 92626  
Contact country: US

**Actual:**  
**61 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWPORT MESA UNIFIED SCHOOL DIST (Continued)**

**1000348908**

Contact telephone: (714) 556-3185  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: NEWPORT MESA UNIFIED SCHOOL DIST  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: District  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: District  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**FINDS:**

Registry ID: 110002703085

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEWPORT MESA UNIFIED SCHOOL DIST (Continued)**

**1000348908**

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.

**15**  
**South**  
**< 1/8**  
**0.094 mi.**  
**494 ft.**

**263 BOWLING GREEN DR**  
**COSTA MESA, CA 92626**

**EDR US Hist Auto Stat 1015374394**  
**N/A**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: STEVES REPAIR  
 Year: 2002  
 Address: 263 BOWLING GREEN DR

**Actual:**  
**69 ft.**

**D16**  
**NW**  
**< 1/8**  
**0.116 mi.**  
**613 ft.**

**(CAMFP) SCHOOL DISTRICT**  
**COSTA MESA, CA**  
**Site 1 of 3 in cluster D**

**CA ENVIROSTOR S107735757**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:

Site Type: Military Evaluation  
 Site Type Detailed: FUDS  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Douglas Bautista  
 Division Branch: Cleanup Cypress  
 Facility ID: 80000027  
 Site Code: Not reported  
 Assembly: 74  
 Senate: 37  
 Special Program: Not reported  
 Status: Inactive - Needs Evaluation  
 Status Date: 07/01/2005  
 Restricted Use: NO  
 Site Mgmt. Req.: NONE SPECIFIED  
 Funding: DERA  
 Latitude: 33.675  
 Longitude: -117.9166  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CA99799F693700  
 Alias Type: Federal Facility ID  
 Alias Name: J09CA0041  
 Alias Type: INPR  
 Alias Name: 80000027  
 Alias Type: Envirostor ID Number

**Actual:**  
**56 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(CAMFP) SCHOOL DISTRICT (Continued)**

**S107735757**

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

**D17  
 NW  
 < 1/8  
 0.116 mi.  
 613 ft.**

**COSTA MESA AF PLT  
 COSTA MESA, CA  
 Site 2 of 3 in cluster D**

**CA ENVIROSTOR S107736173  
 N/A**

**Relative:  
 Lower**

ENVIROSTOR:

Site Type: Military Evaluation  
 Site Type Detailed: FUDS  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Douglas Bautista  
 Division Branch: Cleanup Cypress  
 Facility ID: 80000231  
 Site Code: Not reported  
 Assembly: 74  
 Senate: 37  
 Special Program: Not reported  
 Status: Inactive - Needs Evaluation  
 Status Date: 07/01/2005  
 Restricted Use: NO  
 Site Mgmt. Req.: NONE SPECIFIED  
 Funding: DERA  
 Latitude: 33.675  
 Longitude: -117.9166  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CA99799F542000  
 Alias Type: Federal Facility ID  
 Alias Name: J09CA0311  
 Alias Type: INPR  
 Alias Name: 80000231  
 Alias Type: Envirostor ID Number

**Actual:  
 56 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COSTA MESA AF PLT (Continued)**

**S107736173**

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

**D18**  
**NW**  
**< 1/8**  
**0.116 mi.**  
**613 ft.**

**(CMAFP) CITY COSTA MESA**  
**COSTA MESA, CA**  
**Site 3 of 3 in cluster D**

**CA ENVIROSTOR S107735758**  
**N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
 Site Type: Military Evaluation  
 Site Type Detailed: FUDS  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Douglas Bautista  
 Division Branch: Cleanup Cypress  
 Facility ID: 80000021  
 Site Code: Not reported  
 Assembly: 74  
 Senate: 37  
 Special Program: Not reported  
 Status: Inactive - Needs Evaluation  
 Status Date: 07/01/2005  
 Restricted Use: NO  
 Site Mgmt. Req.: NONE SPECIFIED  
 Funding: DERA  
 Latitude: 33.675  
 Longitude: -117.9166  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CA99799F693600  
 Alias Type: Federal Facility ID  
 Alias Name: J09CA0035  
 Alias Type: INPR  
 Alias Name: 80000021  
 Alias Type: Envirostor ID Number

**Actual:**  
**56 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**(CMAFP) CITY COSTA MESA (Continued)**

**S107735758**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 03/04/1993  
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

19  
SW  
1/8-1/4  
0.129 mi.  
681 ft.

438 PRINCETON DR  
COSTA MESA, CA 92626

EDR US Hist Cleaners 1015061357  
N/A

Relative:  
Higher

EDR Historical Cleaners:

Name: STAR WHITE LAUNDRY  
Year: 2004  
Address: 438 PRINCETON DR

Actual:  
68 ft.

20  
SSE  
1/8-1/4  
0.145 mi.  
766 ft.

2550 COLUMBIA DR  
COSTA MESA, CA 92626

EDR US Hist Auto Stat 1015368100  
N/A

Relative:  
Higher

EDR Historical Auto Stations:

Name: EDS AUTOMOTIVE  
Year: 2010  
Address: 2550 COLUMBIA DR

Actual:  
70 ft.

21  
South  
1/8-1/4  
0.153 mi.  
806 ft.

253 PRINCETON DR  
COSTA MESA, CA 92626

EDR US Hist Cleaners 1015028743  
N/A

Relative:  
Higher

EDR Historical Cleaners:

Name: BROTHERS CARPET & UPHOLSTERY CLEANING  
Year: 1999  
Address: 253 PRINCETON DR

Actual:  
71 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E22  
WNW  
1/8-1/4  
0.157 mi.  
831 ft.

SHELL SERVICE STATION  
2800 HARBOR  
COSTA MESA, CA 92626

CA HIST CORTESE  
CA LUST  
S100855874  
N/A

Site 1 of 10 in cluster E

Relative:  
Lower

CORTESE:  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000344T

Actual:  
59 ft.

LUST:  
Region: STATE  
Global Id: T0605900270  
Latitude: 33.6733305  
Longitude: -117.919058  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 09/19/1994  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000344T  
LOC Case Number: 93UT013  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605900270  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605900270  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Status History:

Global Id: T0605900270  
Status: Completed - Case Closed  
Status Date: 09/19/1994

Global Id: T0605900270  
Status: Open - Case Begin Date  
Status Date: 02/01/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S100855874**

Regulatory Activities:

Global Id: T0605900270  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900270  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605900270  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Region: STATE  
Global Id: T0605997625  
Latitude: 33.67372  
Longitude: -117.918856  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 03/31/1988  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 86UT122  
File Location: Local Agency  
Potential Media Affect: Under Investigation  
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605997625  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605997625  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Status History:

Global Id: T0605997625

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S100855874**

Status: Completed - Case Closed  
Status Date: 03/31/1988

Global Id: T0605997625  
Status: Completed - Case Closed  
Status Date: 03/31/1988

Global Id: T0605997625  
Status: Open - Case Begin Date  
Status Date: 07/29/1986

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 93UT013  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 09/19/1994  
Case Type: Soil Only  
Record ID: RO0001192

Region: ORANGE  
Facility Id: 86UT122  
Current Status: Certification (Case Closed)  
Released Substance: Hydrocarbons  
Date Closed: 06/24/1986  
Case Type: Undetermined  
Record ID: RO0001237

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000344T  
Local Case Num: 93UT013  
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: T0605900270  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 2/1/1993  
Enforcement Date: Not reported  
Close Date: 9/19/1994  
Workplan: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S100855874**

Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6733305  
Longitude: -117.919058  
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: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 86UT122  
Case Type: Undefined  
Substance: Hydrocarbons  
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: T0605997625  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 6/24/1986  
Workplan: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S100855874**

Pollution Char: Not reported  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 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  
 Oversight 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: AR  
 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

**E23**  
**WNW**  
**1/8-1/4**  
**0.157 mi.**  
**831 ft.**

**SHELL OIL CO**  
**2800 N HARBOR/ ADAMS**  
**COSTA MESA, CA 92626**

**RCRA NonGen / NLR**  
**FINDS**  
**CA FID UST**

**1000288491**  
**CAD981459100**

**Site 2 of 10 in cluster E**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**59 ft.**

Date form received by agency: 10/12/2000  
 Facility name: SHELL OIL CO  
 Facility address: 2800 N HARBOR/ ADAMS  
 COSTA MESA, CA 92626  
 EPA ID: CAD981459100  
 Mailing address: P O BOX 4453  
 HOUSTON, TX 772104453  
 Contact: SONDR A BIENVENU  
 Contact address: 777 WALKER ST  
 HOUSTON, TX 77002  
 Contact country: US  
 Contact telephone: (713) 241-5036  
 Contact email: Not reported  
 EPA Region: 09  
 Classification: Non-Generator  
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL OIL CO (Continued)**

**1000288491**

Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: EQUILON ENTERPRISES LLC  
Owner/operator address: P O BOX 4453  
HOUSTON, TX 77210  
Owner/operator country: Not reported  
Owner/operator telephone: (713) 241-2258  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996  
Facility name: SHELL OIL CO  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Violation Status: No violations found

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SHELL OIL CO (Continued)**

**1000288491**

FINDS:

Registry ID: 110002714643

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.

CA FID UST:

Facility ID: 30000397  
 Regulated By: UTNKA  
 Regulated ID: Not reported  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 7145451729  
 Mail To: Not reported  
 Mailing Address: P O BOX  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: COSTA MESA 92626  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

**E24**  
**WNW**  
**1/8-1/4**  
**0.157 mi.**  
**831 ft.**

**AVO ASYAN**  
**2800 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 3 of 10 in cluster E**

**CA HIST UST U001576782**  
**N/A**

**Relative:**  
**Lower**

HIST UST:  
 Region: STATE  
 Facility ID: 00000001399  
 Facility Type: Gas Station  
 Other Type: Not reported  
 Total Tanks: 0004  
 Contact Name: SAME  
 Telephone: 7145451729  
 Owner Name: SHELL OIL COMPANY  
 Owner Address: P.O. BOX 4848  
 Owner City,St,Zip: ANAHEIM, CA 92803

**Actual:**  
**59 ft.**

Tank Num: 001  
 Container Num: 1  
 Year Installed: 1972  
 Tank Capacity: 00008000  
 Tank Used for: PRODUCT  
 Type of Fuel: PREMIUM  
 Tank Construction: 1/4 inches



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AVO ASYAN (Continued)**

**U001576782**

Leak Detection: Stock Inventor, 10

Tank Num: 002  
Container Num: 2  
Year Installed: 1972  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 003  
Container Num: 3  
Year Installed: 1972  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

Tank Num: 004  
Container Num: 4  
Year Installed: 1972  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor, 10

**E25**  
**WNW**  
**1/8-1/4**  
**0.157 mi.**  
**831 ft.**

**SHELL (1818-1507)**  
**2800 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**CA UST U003803416**  
**CA SWEEPS UST N/A**

**Site 4 of 10 in cluster E**

**Relative:**  
**Lower**

UST:  
Facility ID: 3968  
Latitude: 33.67348  
Longitude: -117.91919

**Actual:**  
**59 ft.**

SWEEPS UST:  
Status: Active  
Comp Number: 3968  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003968-000001  
Actv Date: Not reported  
Capacity: 550  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 5

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL (1818-1507) (Continued)**

**U003803416**

Status: Active  
Comp Number: 3968  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003968-000003  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3968  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003968-000004  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3968  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003968-000005  
Actv Date: Not reported  
Capacity: 7500  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3968  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL (1818-1507) (Continued)**

**U003803416**

Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003968-000006  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**F26**  
**West**  
**1/8-1/4**  
**0.158 mi.**  
**833 ft.**

**2750 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**EDR US Hist Cleaners 1015032931**  
**N/A**

**Site 1 of 2 in cluster F**

**Relative:**  
**Higher**

EDR Historical Cleaners:

Name: CROWN CLEANERS  
Year: 2003  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2004  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2005  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2006  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2008  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2010  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2011  
Address: 2750 HARBOR BLVD

Name: CROWN CLEANERS  
Year: 2012  
Address: 2750 HARBOR BLVD

**Actual:**  
**62 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F27**  
**West**  
**1/8-1/4**  
**0.158 mi.**  
**833 ft.**

**CROWN CLEANERS**  
**2750 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 2 of 2 in cluster F**

**CA DRYCLEANERS**    **1000437498**  
**CA EMI**            **N/A**

**Relative:**  
**Higher**

**DRYCLEANERS:**  
 EPA Id: CAL000022365  
 NAICS Code: 81232  
 NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
 SIC Code: 7211  
 SIC Description: Power Laundries, Family and Commercial  
 Create Date: 05/09/1990  
 Facility Active: Yes  
 Inactive Date: Not reported  
 Facility Addr2: Not reported  
 Owner Name: CHIN CHONG  
 Owner Address: 2070 VIA MARIPOSA EAST #P  
 Owner Address 2: Not reported  
 Owner Telephone: 9496378966  
 Contact Name: CHIN CHONG/OWNER  
 Contact Address: 2750 HARBOR BLVD  
 Contact Address 2: Not reported  
 Contact Telephone: 7145458036  
 EDR Link ID: CAL000022365

**Actual:**  
**62 ft.**

**EMI:**

Year: 1987  
 County Code: 30  
 Air Basin: SC  
 Facility ID: 55485  
 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: 3  
 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 & Smlr Tons/Yr: 0

Year: 1990  
 County Code: 30  
 Air Basin: SC  
 Facility ID: 55485  
 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: 2  
 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROWN CLEANERS (Continued)**

1000437498

Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 64616  
Air District Name: SC  
SIC Code: 5812  
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 & Smlr Tons/Yr: 0

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 55485  
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: 2  
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 & Smlr Tons/Yr: 0

Year: 1995  
County Code: 30  
Air Basin: SC  
Facility ID: 55485  
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: 2  
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 & Smlr Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G28**  
**WSW**  
**1/8-1/4**  
**0.159 mi.**  
**842 ft.**

**KERM RIMA HARDWARE, INC.**  
**2666 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**CA HIST UST**    **U001576816**  
**N/A**

**Site 1 of 3 in cluster G**

**Relative:**  
**Higher**

**HIST UST:**  
Region: STATE  
Facility ID: 00000008131  
Facility Type: Other  
Other Type: HARDWARE INC.  
Total Tanks: 0001  
Contact Name: Not reported  
Telephone: 7145467080  
Owner Name: KERM RIMA HARDWARE, INC.  
Owner Address: 2666 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

**Actual:**  
**67 ft.**

Tank Num: 001  
Container Num: 01  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

**G29**  
**WSW**  
**1/8-1/4**  
**0.159 mi.**  
**842 ft.**

**PLAINS HOME CENTER**  
**2666 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**CA LUST**    **U003783820**  
**CA UST**    **N/A**

**Site 2 of 3 in cluster G**

**Relative:**  
**Higher**

**LUST:**  
Region: STATE  
Global Id: T0605900242  
Latitude: 33.66999  
Longitude: -117.918594  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 03/27/2003  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000307T  
LOC Case Number: 86UT157  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Stoddard solvent / Mineral Sprits / Distillates  
Site History: Not reported

**Actual:**  
**67 ft.**

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605900242  
Contact Type: Regional Board Caseworker  
Contact Name: TOM E. MBEKE-EKANEM  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLAINS HOME CENTER (Continued)**

**U003783820**

Email: tmbeke-ekanem@waterboards.ca.gov  
Phone Number: 9513202007

Global Id: T0605900242  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605900242  
Status: Completed - Case Closed  
Status Date: 03/27/2003

Global Id: T0605900242  
Status: Open - Case Begin Date  
Status Date: 08/13/1986

Regulatory Activities:

Global Id: T0605900242  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900242  
Action Type: ENFORCEMENT  
Date: 04/17/2003  
Action: LOP Case Closure Summary to RB

Global Id: T0605900242  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605900242  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 86UT157  
Current Status: Certification (Case Closed)  
Released Substance: Paint thinner  
Date Closed: 05/23/2003  
Case Type: Other Ground Water  
Record ID: RO0002179

**LUST REG 8:**

Region: 8  
County: Orange

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLAINS HOME CENTER (Continued)**

**U003783820**

Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000307T  
Local Case Num: 86UT157  
Case Type: Other ground water affected  
Substance: Paint Thinner  
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: Tank  
Global ID: T0605900242  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 8/13/1986  
Enforcement Date: Not reported  
Close Date: 3/27/2003  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6696696  
Longitude: -117.91903  
MTBE Date: 5/3/2002  
Max MTBE GW: 4  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: TME  
Staff Initials: AR  
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

UST:

Facility ID: 6441



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PLAINS HOME CENTER (Continued)**

**U003783820**

Latitude: 33.66968  
Longitude: -117.91913

**G30**  
**WSW**  
**1/8-1/4**  
**0.160 mi.**  
**843 ft.**

**2640 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**EDR US Hist Auto Stat** **1015375162**  
**N/A**

**Site 3 of 3 in cluster G**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: A & S AUTO REPAIR  
Year: 2007

**Actual:**  
**68 ft.**

Address: 2640 HARBOR BLVD

**H31**  
**WSW**  
**1/8-1/4**  
**0.160 mi.**  
**845 ft.**

**2626 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**EDR US Hist Auto Stat** **1015374176**  
**N/A**

**Site 1 of 3 in cluster H**

**Relative:**  
**Higher**

EDR Historical Auto Stations:

Name: COSTA MESA LINCOLN MERCURY  
Year: 2003

**Actual:**  
**68 ft.**

Address: 2626 HARBOR BLVD

Name: COSTA MESA LINCOLNMERCURY INC  
Year: 2011  
Address: 2626 HARBOR BLVD

**H32**  
**WSW**  
**1/8-1/4**  
**0.161 mi.**  
**848 ft.**

**COSTA MESA LINCOLN MERCURY INC**  
**2626 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**RCRA-SQG** **1000320802**  
**FINDS** **CAD981582281**  
**CA UST**  
**CA HIST UST**

**Site 2 of 3 in cluster H**

**Relative:**  
**Higher**

RCRA-SQG:

Date form received by agency: 01/04/1993  
Facility name: COSTA MESA LINCOLN MERCURY INC  
Facility address: 2626 HARBOR BLVD  
COSTA MESA, CA 92626

**Actual:**  
**68 ft.**

EPA ID: CAD981582281  
Contact: BOB VLISS  
Contact address: 2626 HARBOR BLVD  
COSTA MESA, CA 92626

Contact country: US  
Contact telephone: (714) 540-5630  
Contact email: Not reported

EPA Region: 09  
Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA LINCOLN MERCURY INC (Continued)**

**1000320802**

Owner/Operator Summary:

Owner/operator name: COSTA MESA LINCOLN MERCURY INC  
Owner/operator address: 2626 HARBOR BLVD  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 540-5630  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002722965

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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA LINCOLN MERCURY INC (Continued)**

**1000320802**

UST:

Facility ID: 1834  
Latitude: 33.66879  
Longitude: -117.91912

HIST UST:

Region: STATE  
Facility ID: 00000009686  
Facility Type: Other  
Other Type: AUTO DEALER  
Total Tanks: 0001  
Contact Name: BOB VLISS  
Telephone: 7145405630  
Owner Name: JOHNSON & SON  
Owner Address: 2626 HARBOR BLVD  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: 1969  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: None

**H33**  
**WSW**  
**1/8-1/4**  
**0.161 mi.**  
**848 ft.**

**JOHNSON LINCOLN/MERCURY**  
**2626 HARBOR**  
**COSTA MESA, CA 92626**  
**Site 3 of 3 in cluster H**

**CA HIST CORTESE** **S102431979**  
**CA LUST** **N/A**  
**CA EMI**

**Relative:**  
**Higher**

CORTESE:  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001427T

**Actual:**  
**68 ft.**

LUST:

Region: STATE  
Global Id: T0605901080  
Latitude: 33.6688346  
Longitude: -117.919042  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 02/28/1991  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001427T  
LOC Case Number: 90UT041  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON LINCOLN/MERCURY (Continued)**

**S102431979**

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605901080  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901080  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605901080  
Status: Completed - Case Closed  
Status Date: 02/28/1991

Global Id: T0605901080  
Status: Open - Case Begin Date  
Status Date: 02/08/1990

Regulatory Activities:

Global Id: T0605901080  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901080  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 90UT041  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 02/28/1991  
Case Type: Soil Only  
Record ID: RO0001857

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON LINCOLN/MERCURY (Continued)**

**S102431979**

Facility Status: Case Closed  
Case Number: 083001427T  
Local Case Num: 90UT041  
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  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605901080  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 2/8/1990  
Enforcement Date: Not reported  
Close Date: 2/28/1991  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6688346  
Longitude: -117.919042  
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: AR  
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

EMI:

Year: 1987  
County Code: 30

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON LINCOLN/MERCURY (Continued)**

**S102431979**

Air Basin: SC  
Facility ID: 11168  
Air District Name: SC  
SIC Code: 5511  
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: 5  
Reactive Organic Gases Tons/Yr: 5  
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 & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 11168  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2002  
County Code: 30  
Air Basin: SC  
Facility ID: 96905  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003  
County Code: 30  
Air Basin: SC  
Facility ID: 96905  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON LINCOLN/MERCURY (Continued)**

**S102431979**

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004  
County Code: 30  
Air Basin: SC  
Facility ID: 96905  
Air District Name: SC  
SIC Code: 5511  
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: 0.61554  
Reactive Organic Gases Tons/Yr: 0.61  
Carbon Monoxide Emissions Tons/Yr: 0.00332  
NOX - Oxides of Nitrogen Tons/Yr: 0.0123  
SOX - Oxides of Sulphur Tons/Yr: 0.0000787  
Particulate Matter Tons/Yr: 0.000711  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 96905  
Air District Name: SC  
SIC Code: 5511  
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: .7649891044739404588  
Reactive Organic Gases Tons/Yr: .706  
Carbon Monoxide Emissions Tons/Yr: .004  
NOX - Oxides of Nitrogen Tons/Yr: .016  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .001  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .001

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 96905  
Air District Name: SC  
SIC Code: 5511  
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: .7649891044739404588  
Reactive Organic Gases Tons/Yr: .706  
Carbon Monoxide Emissions Tons/Yr: .004  
NOX - Oxides of Nitrogen Tons/Yr: .016  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHNSON LINCOLN/MERCURY (Continued)**

**S102431979**

Particulate Matter Tons/Yr: .001  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .001

**E34**  
**West**  
**1/8-1/4**  
**0.170 mi.**  
**900 ft.**

**KAMRAN HEIDARIAN**  
**2799 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**CA HIST UST**    **U001576815**  
**N/A**

**Site 5 of 10 in cluster E**

**Relative:**  
**Lower**

**HIST UST:**

**Actual:**  
**60 ft.**

Region: STATE  
Facility ID: 0000039171  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: Not reported  
Telephone: 7147546348  
Owner Name: MOBIL OIL CORPORATION  
Owner Address: 612 S. FLOWER STREET  
Owner City,St,Zip: LOS ANGELES, CA 90017

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00000280  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**E35**  
**West**  
**1/8-1/4**  
**0.170 mi.**  
**900 ft.**

**2799 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 6 of 10 in cluster E**

**EDR US Hist Auto Stat**    **1015385069**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**60 ft.**

EDR Historical Auto Stations:

Name:	MESA VERDE MOBIL
Year:	2002
Address:	2799 HARBOR BLVD
Name:	MESA VERDE MOBILE
Year:	2003
Address:	2799 HARBOR BLVD
Name:	MESA VERDE MOBILE
Year:	2005
Address:	2799 HARBOR BLVD

**E36**  
**West**  
**1/8-1/4**  
**0.170 mi.**  
**900 ft.**

**MOBIL STATION (18-HD4)**  
**2799 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 7 of 10 in cluster E**

**CA HIST CORTESE**    **U003783785**  
**CA LUST**    **N/A**  
**CA FID UST**  
**CA UST**  
**CA SWEEPS UST**

**Relative:**  
**Lower**  
**Actual:**  
**60 ft.**

CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000278T

LUST:

Region:	STATE
Global Id:	T0605900216
Latitude:	33.6731905
Longitude:	-117.919453
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/24/2002
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083000278T
LOC Case Number:	94UT024
File Location:	Local Agency
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0605900216
Contact Type:	Local Agency Caseworker
Contact Name:	DENAMARIE BAKER
Organization Name:	ORANGE COUNTY LOP
Address:	1241 E. DYER ROAD, STE. 120
City:	SANTA ANA
Email:	dbaker@ochca.com
Phone Number:	7144336255

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

Global Id: T0605900216  
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: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Status History:

Global Id: T0605900216  
Status: Completed - Case Closed  
Status Date: 05/24/2002

Global Id: T0605900216  
Status: Open - Case Begin Date  
Status Date: 05/04/1994

Regulatory Activities:

Global Id: T0605900216  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900216  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605900216  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605900216  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Region: STATE  
Global Id: T0605914736  
Latitude: 33.672934  
Longitude: -117.919765  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 05/13/1986  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 86UT067  
File Location: Local Agency  
Potential Media Affect: Under Investigation  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605914736  
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: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Global Id: T0605914736  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605914736  
Status: Completed - Case Closed  
Status Date: 05/13/1986

Global Id: T0605914736  
Status: Open - Case Begin Date  
Status Date: 05/13/1986

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 94UT024  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 05/24/2002  
Case Type: Other Ground Water  
Record ID: RO0001522

Region: ORANGE  
Facility Id: 86UT067  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 05/13/1986  
Case Type: Undetermined  
Record ID: RO0002435

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000278T  
Local Case Num: 94UT024

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

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: T0605900216  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 5/4/1994  
Enforcement Date: Not reported  
Close Date: 5/24/2002  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: ND  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.6731905  
Longitude: -117.919453  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: 10  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: RS  
Staff Initials: AR  
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  
  
Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 86UT067

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

Case Type: Undefined  
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: T0605914736  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 5/13/1986  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: RS  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30017219  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

Facility Phone: 7147546348  
Mail To: Not reported  
Mailing Address: 3225 GALLOWS RD ATTN: EAR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

UST:

Facility ID: 6342  
Latitude: 33.67297  
Longitude: -117.9194

SWEEPS UST:

Status: Active  
Comp Number: 6342  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006342-000001  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 4

Status: Active  
Comp Number: 6342  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006342-000004  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6342  
Number: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HD4) (Continued)**

**U003783785**

Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006342-000005  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6342  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006342-000006  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**E37  
WNW  
1/8-1/4  
0.171 mi.  
904 ft.**

**2801 HARBOR BLVD  
COSTA MESA, CA 92626**

**EDR US Hist Cleaners 1015033760  
N/A**

**Site 8 of 10 in cluster E**

**Relative:  
Lower**

EDR Historical Cleaners:  
Name: EDEN CLEANERS  
Year: 2001  
Address: 2801 HARBOR BLVD

**Actual:  
59 ft.**

Name: EDEN CLEANERS  
Year: 2002  
Address: 2801 HARBOR BLVD

Name: EDEN CLEANERS  
Year: 2003  
Address: 2801 HARBOR BLVD

Name: EDEN CLEANERS  
Year: 2004  
Address: 2801 HARBOR BLVD

Name: EDEN CLEANERS  
Year: 2005  
Address: 2801 HARBOR BLVD

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**E38**  
**WNW**  
**1/8-1/4**  
**0.171 mi.**  
**904 ft.**

**CHEVRON STATION #99706**  
**2801 HARBOR BLVD # 99706**  
**COSTA MESA, CA 92626**

**CA UST**    **U003939064**  
**N/A**

**Site 9 of 10 in cluster E**

**Relative:**  
**Lower**  
  
**Actual:**  
**59 ft.**

**UST:**  
Facility ID:        2079  
Latitude:            33.67348  
Longitude:          -117.91941

**E39**  
**WNW**  
**1/8-1/4**  
**0.171 mi.**  
**904 ft.**

**99706**  
**2801 HARBOR BLVD**  
**COSTA MESA, CA 92627**

**CA LUST**    **U001576865**  
**CA HIST UST**    **N/A**

**Site 10 of 10 in cluster E**

**Relative:**  
**Lower**  
  
**Actual:**  
**59 ft.**

**LUST:**  
Region:                                STATE  
Global Id:                              T0605900388  
Latitude:                                33.6733165  
Longitude:                              -117.91945  
Case Type:                              LUST Cleanup Site  
Status:                                  Completed - Case Closed  
Status Date:                            04/04/2003  
Lead Agency:                            ORANGE COUNTY LOP  
Case Worker:                            DB  
Local Agency:                            ORANGE COUNTY LOP  
RB Case Number:                        083000486T  
LOC Case Number:                        89UT045  
File Location:                            Local Agency  
Potential Media Affect:                Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History:                              Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id:                                T0605900388  
Contact Type:                            Regional Board Caseworker  
Contact Name:                            TOM E. MBEKE-EKANEM  
Organization Name:                      SANTA ANA RWQCB (REGION 8)  
Address:                                  3737 MAIN STREET, SUITE 500  
City:                                        RIVERSIDE  
Email:                                      tmbeke-ekanem@waterboards.ca.gov  
Phone Number:                            9513202007

Global Id:                                T0605900388  
Contact Type:                            Local Agency Caseworker  
Contact Name:                            DENAMARIE BAKER  
Organization Name:                      ORANGE COUNTY LOP  
Address:                                  1241 E. DYER ROAD, STE. 120  
City:                                        SANTA ANA  
Email:                                      dbaker@ochca.com  
Phone Number:                            7144336255

**Status History:**

Global Id:                                T0605900388  
Status:                                    Completed - Case Closed  
Status Date:                              04/04/2003



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99706 (Continued)**

**U001576865**

Global Id: T0605900388  
Status: Open - Case Begin Date  
Status Date: 02/16/1989

Regulatory Activities:

Global Id: T0605900388  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Stopped

Global Id: T0605900388  
Action Type: ENFORCEMENT  
Date: 04/04/2003  
Action: LOP Case Closure Summary to RB

Global Id: T0605900388  
Action Type: ENFORCEMENT  
Date: 05/23/2003  
Action: Closure/No Further Action Letter

Global Id: T0605900388  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900388  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900388  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900388  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900388  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900388  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 89UT045  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99706 (Continued)

U001576865

Date Closed: 05/23/2003  
Case Type: Other Ground Water  
Record ID: RO0001937

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000486T  
Local Case Num: 89UT045  
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: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Tank  
Global ID: T0605900388  
How Stopped Date: 2/16/1989  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 2/16/1989  
Enforcement Date: Not reported  
Close Date: 4/4/2003  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6733165  
Longitude: -117.91945  
MTBE Date: 11/8/2001  
Max MTBE GW: 75  
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: AR  
Lead Agency: Local Agency  
Local Agency: 30000L  
Hydr Basin #: Not reported  
Beneficial: MUN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99706 (Continued)

U001576865

Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

HIST UST:

Region: STATE  
Facility ID: 00000063233  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: GRASSO,ANTHONY A.  
Telephone: 7145454755  
Owner Name: CHEVRON U.S.A. INC.  
Owner Address: 575 MARKET  
Owner City,St,Zip: SAN FRANCISCO, CA 94105

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 0000370 unknown  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000370 unknown  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000370 unknown  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 0000370 unknown  
Leak Detection: Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

40  
WSW  
1/8-1/4  
0.172 mi.  
910 ft.

CVS PHARMACY NO 8830  
2701 HARBOR BLVD  
COSTA MESA, CA 92626

RCRA-LQG 1015753097  
CAR000234302

Relative:  
Higher

RCRA-LQG:

Actual:  
67 ft.

Date form received by agency: 01/03/2013  
Facility name: CVS PHARMACY NO 8830  
Facility address: 2701 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAR000234302  
Mailing address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact: WENDY L BRANT  
Contact address: ONE CVS DR  
WOONSOCKET, RI 02895  
Contact country: US  
Contact telephone: 401-765-1500  
Contact email: WENDY.BRANT@CVSCAREMARK.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: GARFIELD BEACH CVS LLC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 06/02/2006  
Owner/Op end date: Not reported  
Owner/operator name: MV PARTNERS  
Owner/operator address: 695 TOWN CENTER DR STE 270  
COSTA MESA, CA 92626  
Owner/operator country: US  
Owner/operator telephone: 714-435-2102  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/08/1997  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CVS PHARMACY NO 8830 (Continued)**

**1015753097**

Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: P001  
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P042  
Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

Waste code: P075  
Waste name: NICOTINE, & SALTS

Waste code: P081  
Waste name: NITROGLYCERINE (R)

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

I41  
SW  
1/8-1/4  
0.173 mi.  
914 ft.

2600 HARBOR BLVD  
COSTA MESA, CA 92626

EDR US Hist Auto Stat 1015371408  
N/A

Site 1 of 5 in cluster I

Relative:  
Higher

EDR Historical Auto Stations:

Name: NABERS COLLISION CTR  
Year: 2002  
Address: 2600 HARBOR BLVD

Actual:  
69 ft.

Name: NABERS CDLC OLDSMBL BODY SHOP  
Year: 2003  
Address: 2600 HARBOR BLVD

Name: NABERS OLDSMOBILE INC  
Year: 2005  
Address: 2600 HARBOR BLVD

I42  
SW  
1/8-1/4  
0.173 mi.  
914 ft.

NABERS CADILLAC, INC.  
2600 HARBOR BLVD  
COSTA MESA, CA 92626

CA HIST CORTESE 1000217861  
CA LUST N/A  
CA HIST UST  
CA CHMIRS

Site 2 of 5 in cluster I

Relative:  
Higher

CORTESE:

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001390T

Actual:  
69 ft.

LUST:

Region: STATE  
Global Id: T0605901050  
Latitude: 33.667725  
Longitude: -117.918449  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/02/1992  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001390T  
LOC Case Number: 89UT216  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901050  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC, INC. (Continued)**

**1000217861**

Global Id: T0605901050  
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: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Status History:

Global Id: T0605901050  
Status: Completed - Case Closed  
Status Date: 01/02/1992

Global Id: T0605901050  
Status: Open - Case Begin Date  
Status Date: 11/30/1989

Regulatory Activities:

Global Id: T0605901050  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901050  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 89UT216  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 01/02/1992  
Case Type: Soil Only  
Record ID: RO0001862

Region: ORANGE  
Facility Id: 89UT216  
Current Status: Not reported  
Released Substance: Motor oil  
Date Closed: 01/02/1992  
Case Type: Not reported  
Record ID: RO0001862

Region: ORANGE  
Facility Id: 89UT216  
Current Status: Not reported  
Released Substance: Transmission fluid  
Date Closed: 01/02/1992  
Case Type: Not reported  
Record ID: RO0001862

Region: ORANGE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC, INC. (Continued)**

**1000217861**

Facility Id: 89UT216  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 01/02/1992  
Case Type: Not reported  
Record ID: RO0001862

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001390T  
Local Case Num: 89UT216  
Case Type: Soil only  
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: T0605901050  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 11/30/1989  
Enforcement Date: Not reported  
Close Date: 1/2/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6682927  
Longitude: -117.91905  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 0  
MTBE Tested: Not Required to be Tested.  
MTBE Class: \*  
Staff: RS  
Staff Initials: AR  
Lead Agency: Local Agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC, INC. (Continued)**

**1000217861**

Local Agency: 30000L  
Hydr Basin #: Not reported  
Beneficial: MUN  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

**HIST UST:**

Region: STATE  
Facility ID: 00000020444  
Facility Type: Other  
Other Type: AUTO DEALERSHIP  
Total Tanks: 0004  
Contact Name: ROBERT ROGALSKI  
Telephone: 7145409100  
Owner Name: NABERS CADILLAC, INC.  
Owner Address: 2600 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: 1967  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: 1967  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: 1967  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 004  
Container Num: 4  
Year Installed: 1967  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: None

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC, INC. (Continued)**

**1000217861**

CHMIRS:

OES Incident Number: 98-1968  
OES notification: 04/27/1998  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Yes  
Waterway: drain  
Spill Site: Not reported  
Cleanup By: Unknown  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1998  
Agency: Citizen  
Incident Date: 4/27/1998 12:00:00 AM  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Unknown  
Site Type: Merchant/Business  
E Date: Not reported  
Substance: Auto dealership mechanics waste

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC, INC. (Continued)**

**1000217861**

Quantity Released: Not reported  
BBLS: 0  
Cups: 0  
CUFT: 0  
Gallons: 200  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Contractor washes down service bays of auto dealership into the street and down into the drains

**I43  
SW  
1/8-1/4  
0.173 mi.  
914 ft.**

**NABERS CADILLAC  
2600 HARBOR BLVD  
COSTA MESA, CA  
Site 3 of 5 in cluster I**

**RCRA-SQG 1001075486  
FINDS CAD043324656  
CA AST**

**Relative:  
Higher**

RCRA-SQG:

Date form received by agency: 08/30/2010

Facility name: SOUTH COAST AUTO PLAZA

Facility address: 2600 HARBOR BLVD  
UNIT A

COSTA MESA, CA 92626

EPA ID: CAD043324656

Contact: ANNETTE BURKARD

Contact address: 2600 HARBOR BLVD  
COSTA MESA, CA 92626

Contact country: US

Contact telephone: 714-444-5200

Contact email: ANNETTE.BURKARD@SOUTHCOASTAUTOPLAZA.COM

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: ARGONAUT HOLDINGS INC

Owner/operator address: PO BOX 77000 DEPT 771280  
DETROIT, MI 48277

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 12/20/1996

Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NABERS CADILLAC (Continued)**

**1001075486**

Owner/operator name: SOUTH COAST AUTO PLAZA  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 08/01/2010  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/19/2008  
Facility name: SOUTH COAST AUTO PLAZA  
Site name: SOUTH COAST BUICK PONTIAC GMC CADILLAC  
Classification: Small Quantity Generator

Date form received by agency: 12/18/1995  
Facility name: SOUTH COAST AUTO PLAZA  
Site name: NABERS CADILLAC BUICK  
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: 135  
Waste name: 135

Waste code: 214  
Waste name: 214

Waste code: 221  
Waste name: 221

Waste code: 222  
Waste name: 222

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET,

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NABERS CADILLAC (Continued)**

**1001075486**

WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

**FINDS:**

Registry ID: 110002645264

**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.

UORS (California - Used Oil Recycling System). California Integrated Waste Management Board (CIWMB) helps communities establish and promote convenient collection opportunities for used oil and used oil filters.

**AST:**

Owner: SOUTH COAST AUTO PLAZA  
 Total Gallons: 1,320  
 Certified Unified Program Agencies: Orange

**I44  
 SW  
 1/8-1/4  
 0.173 mi.  
 914 ft.**

**ICC COLLISION CENTERS  
 2600 HARBOR BLVD  
 COSTA MESA, CA 92626**

**RCRA-SQG 1010562160  
 CAR000187716**

**Site 4 of 5 in cluster I**

**Relative:  
 Higher**

**RCRA-SQG:**

Date form received by agency: 11/17/2008  
 Facility name: ICC COLLISION CENTERS  
 Facility address: 2600 HARBOR BLVD  
 UNIT B  
 COSTA MESA, CA 92626  
 EPA ID: CAR000187716  
 Mailing address: 3131 S STANDARD AVE  
 SANTA ANA, CA 92705  
 Contact: KELLY KHAN  
 Contact address: 3131 S STANDARD AVE  
 SANTA ANA, CA 92705  
 Contact country: US  
 Contact telephone: 714-444-3100  
 Contact email: KKHAN@ICCGROUPS.COM  
 EPA Region: 09

**Actual:  
 69 ft.**

Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ICC COLLISION CENTERS (Continued)**

**1010562160**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: ARGONAUNT HOLDINGS INC  
Owner/operator address: PO BOX 77000 DEPT 771280  
DETROIT, MI 48277  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 12/20/1996  
Owner/Op end date: Not reported

Owner/operator name: ICC COLLISION CENTERS  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/05/2009  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 10/02/2007  
Facility name: ICC COLLISION CENTERS  
Site name: INSURANCE COLLISION CENTERS  
Classification: Small Quantity Generator

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ICC COLLISION CENTERS (Continued)

1010562160

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D005  
Waste name: BARIUM

Waste code: D007  
Waste name: CHROMIUM

Waste code: D008  
Waste name: LEAD

Waste code: F002  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003  
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

I45  
SW  
1/8-1/4  
0.173 mi.  
914 ft.

NABERS CADILLAC INC  
2600 HARBOR BLVD  
COSTA MESA, CA 92626

CA UST U003111628  
N/A

Site 5 of 5 in cluster I

Relative:  
Higher

UST:  
Facility ID: 1837  
Latitude: 33.66739  
Longitude: -117.91913

Actual:  
69 ft.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONNELL CHEVROLET (Continued)**

**1000204977**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/08/1986  
Facility name: CONELL CHEVROLET  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 07/24/1990  
Date achieved compliance: 05/17/1994  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 05/17/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee  
  
Evaluation date: 07/24/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 05/17/1994  
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002725935

Environmental Interest/Information System  
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONNELL CHEVROLET (Continued)**

**1000204977**

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.

**CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 2440

**UST:**

Facility ID: 1832  
Latitude: 33.67457  
Longitude: -117.91918

**HIST UST:**

Region: STATE  
Facility ID: 00000064305  
Facility Type: Other  
Other Type: AUTO DEALER  
Total Tanks: 0004  
Contact Name: STEVEN B. SMITH  
Telephone: 7145461200  
Owner Name: CONNELL CHEVROLET  
Owner Address: 2828 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CONNELL CHEVROLET (Continued)**

**1000204977**

Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 004  
Container Num: 4  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Tank Construction: Not reported  
Leak Detection: Visual

**EMI:**

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 2440  
Air District Name: SC  
SIC Code: 5511  
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: 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 & Smlr Tons/Yr: 0

Year: 1995  
County Code: 30  
Air Basin: SC  
Facility ID: 2440  
Air District Name: SC  
SIC Code: 5511  
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: 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 & Smlr Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J48  
WNW  
1/8-1/4  
0.186 mi.  
983 ft.

1500 ELM AVE  
COSTA MESA, CA 92626

Site 3 of 12 in cluster J

EDR US Hist Auto Stat 1015237248  
N/A

Relative:  
Lower  
Actual:  
57 ft.

EDR Historical Auto Stations:

Name: SANDPIPER COLLISION  
Year: 2001  
Address: 1500 ELM AVE  
  
Name: SANDPIPER COLLISION  
Year: 2008  
Address: 1500 ELM AVE  
  
Name: PACIFIC RV & AUTO  
Year: 2009  
Address: 1500 ELM AVE  
  
Name: SANDPIPER COLLISION  
Year: 2010  
Address: 1500 ELM AVE  
  
Name: SANDPIPER COLLISION  
Year: 2011  
Address: 1500 ELM AVE  
  
Name: SANDPIPER COLLISION  
Year: 2012  
Address: 1500 ELM AVE

J49  
WNW  
1/8-1/4  
0.198 mi.  
1048 ft.

UNIVERSITY OLDSMOBILE  
2850 HARBOR BLVD  
COSTA MESA, CA 92626

Site 4 of 12 in cluster J

CA LUST U003299662  
CA UST N/A  
CA EMI

Relative:  
Lower  
Actual:  
56 ft.

LUST:

Region: STATE  
Global Id: T0605901146  
Latitude: 33.675191  
Longitude: -117.918255  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 10/29/2001  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001503T  
LOC Case Number: 90UT094  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Diesel, Waste Oil / Motor / Hydraulic / Lubricating, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:  
Global Id: T0605901146  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY OLDSMOBILE (Continued)**

**U003299662**

Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Global Id: T0605901146  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605901146  
Status: Completed - Case Closed  
Status Date: 10/29/2001

Global Id: T0605901146  
Status: Open - Case Begin Date  
Status Date: 03/06/1990

Regulatory Activities:  
Global Id: T0605901146  
Action Type: ENFORCEMENT  
Date: 10/29/2001  
Action: Closure/No Further Action Letter

Global Id: T0605901146  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901146  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 90UT094  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 10/29/2001  
Case Type: Other Ground Water  
Record ID: RO0000803

Region: ORANGE  
Facility Id: 90UT094  
Current Status: Not reported  
Released Substance: Waste oil/Used oil  
Date Closed: 10/29/2001



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY OLDSMOBILE (Continued)**

**U003299662**

Case Type: Not reported  
Record ID: RO0000803  
  
Region: ORANGE  
Facility Id: 90UT094  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 10/29/2001  
Case Type: Not reported  
Record ID: RO0000803

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001503T  
Local Case Num: 90UT094  
Case Type: Other ground water affected  
Substance: 12034,12035,  
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: T0605901146  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 3/6/1990  
Enforcement Date: Not reported  
Close Date: 10/29/2001  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6750824  
Longitude: -117.91907  
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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY OLDSMOBILE (Continued)**

**U003299662**

MTBE Class: \*  
Staff: VJJ  
Staff Initials: AR  
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

UST:

Facility ID: 1839  
Latitude: 33.67499  
Longitude: -117.91919

EMI:

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 4195  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 4195  
Air District Name: SC  
SIC Code: 55  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J50  
WNW 2833 HARBOR BLVD  
1/8-1/4 COSTA MESA, CA 92626  
0.199 mi.  
1051 ft. Site 5 of 12 in cluster J

EDR US Hist Auto Stat 1015388750  
N/A

Relative: EDR Historical Auto Stations:  
Lower Name: COSTA MESA INFINITI  
Year: 1999  
Actual: Address: 2833 HARBOR BLVD  
56 ft.

J51 COSTA MESA MITSUBISHI  
WNW 2833 HARBOR BLVD  
1/8-1/4 COSTA MESA, CA  
0.199 mi.  
1051 ft. Site 6 of 12 in cluster J

RCRA-SQG 1000395237  
FINDS CAD981447485  
CA HIST CORTESE  
CA LUST  
CA FID UST  
CA UST  
CA SWEEPS UST

Relative:  
Lower

Actual: 56 ft.  
RCRA-SQG:  
Date form received by agency: 12/14/1995  
Facility name: COSTA MESA MITSUBISHI  
Facility address: 2833 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD981447485  
Contact: MICHAEL KARLS  
Contact address: 2833 HARBOR BLVD  
COSTA MESA, CA 92626  
Contact country: US  
Contact telephone: (714) 545-1700  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: MMIP DEALER CORP II  
Owner/operator address: 2833 HARBOR  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 545-1700  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1000395237**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002710317

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.

CORTESE:

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002420T

LUST:

Region: STATE  
Global Id: T0605901731  
Latitude: 33.674512  
Longitude: -117.919682  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/10/1996  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002420T  
LOC Case Number: 94UT004  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1000395237**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901731  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Global Id: T0605901731  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901731  
Status: Completed - Case Closed  
Status Date: 06/10/1996

Global Id: T0605901731  
Status: Open - Case Begin Date  
Status Date: 11/10/1993

**Regulatory Activities:**

Global Id: T0605901731  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605901731  
Action Type: ENFORCEMENT  
Date: 06/10/1996  
Action: Closure/No Further Action Letter

Global Id: T0605901731  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 94UT004  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 06/10/1996  
Case Type: Soil Only  
Record ID: RO0001607

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1000395237**

LUST REG 8:  
Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083002420T  
Local Case Num: 94UT004  
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  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605901731  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 11/10/1993  
Enforcement Date: Not reported  
Close Date: 6/10/1996  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6744354  
Longitude: -117.919409  
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: VJJ  
Staff Initials: AR  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1000395237**

CA FID UST:

Facility ID: 30006171  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145404491  
Mail To: Not reported  
Mailing Address: 2833 HARBOR BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

UST:

Facility ID: 1830  
Latitude: 33.67477  
Longitude: -117.91941

SWEEPS UST:

Status: Active  
Comp Number: 1830  
Number: 9  
Board Of Equalization: 44-015824  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-001830-000001  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 1

J52  
WNW  
1/8-1/4  
0.209 mi.  
1103 ft.

**UNIVERSITY SALES & SERVICE**  
**2850 HARBOR BLVD**  
**COSTA MESA, CA**  
**Site 7 of 12 in cluster J**

RCRA NonGen / NLR  
FINDS  
CA UST  
CA HIST UST  
CA SWEEPS UST  
**1000431628**  
**CAD981683121**

Relative:  
Lower

RCRA NonGen / NLR:  
Date form received by agency: 06/04/2004  
Facility name: UNIVERSITY SALES & SERVICE  
Facility address: 2850 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD981683121  
Mailing address: HARBOR BLVD  
COSTA MESA, CA 92626

Actual:  
55 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY SALES & SERVICE (Continued)**

**1000431628**

Contact: BRETT PATE  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: 714-546-1200  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BILLLESLIE  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: BILLLESLIE  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/01/0001  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY SALES & SERVICE (Continued)**

**1000431628**

Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/01/1996  
Facility name: UNIVERSITY SALES & SERVICE  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002750880

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.

UST:

Facility ID: 6437  
Latitude: 33.67533  
Longitude: -117.91919

HIST UST:

Region: STATE  
Facility ID: 00000058384  
Facility Type: Other  
Other Type: UNIVERSITY  
Total Tanks: 0003  
Contact Name: BILL R. LESLIE  
Telephone: 7145409640  
Owner Name: BILL R. LESLIE  
Owner Address: 19141 RIDGEVIEW  
Owner City,St,Zip: VILLA PARK, CA 92666

Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY SALES & SERVICE (Continued)**

**1000431628**

Leak Detection: Visual  
  
Tank Num: 002  
Container Num: 2  
Year Installed: 1964  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Visual

Tank Num: 003  
Container Num: 3  
Year Installed: 1964  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual

**SWEEPS UST:**

Status: Active  
Comp Number: 12927  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-012927-000003  
Actv Date: Not reported  
Capacity: 550  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 1

**J53**  
**WNW**  
**1/8-1/4**  
**0.209 mi.**  
**1103 ft.**  
**UNIVERSITY HONDA**  
**2860 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 8 of 12 in cluster J**

**CA HIST UST** **U001576856**  
**CA SWEEPS UST** **N/A**  
**CA Orange Co. Industrial Site**

**Relative:**  
**Lower**

**HIST UST:**  
Region: STATE  
Facility ID: 00000058385  
Facility Type: Other  
Other Type: CAR DEALER  
Total Tanks: 0001  
Contact Name: BILL R. LESLIE  
Telephone: 7145400713  
Owner Name: BILL R. LESLIE  
Owner Address: 19141 RIDGEVIEW  
Owner City,St,Zip: VILLA PARK, CA 92666

**Actual:**  
**55 ft.**

Tank Num: 001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNIVERSITY HONDA (Continued)**

**U001576856**

Container Num: 4  
Year Installed: 1982  
Tank Capacity: 00000500  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual

**SWEEPS UST:**

Status: Active  
Comp Number: 6437  
Number: 9  
Board Of Equalization: 44-016482  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006437-000001  
Actv Date: Not reported  
Capacity: 550  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 1

**Orange Co. Industrial Site:**

Case ID: 95IC035  
Region: ORANGE  
Record ID: RO0000515  
Current Status: CLOSED 12/15/1995  
Closure Type: Closure certification issued  
Released Chemical: WASTE (OR SLOP) OIL

**J54  
WNW  
1/8-1/4  
0.209 mi.  
1103 ft.**

**COSTA MESA MITSUBISHI  
2860 HARBOR BLVD  
COSTA MESA, CA 92626**

**Site 9 of 12 in cluster J**

**RCRA-SQG 1001111777  
FINDS CAR000013151  
CA FID UST  
CA HAZNET**

**Relative:  
Lower**

**RCRA-SQG:**

Date form received by agency: 09/18/2001  
Facility name: COSTA MESA MITSUBISHI  
Facility address: 2860 HARBOR BLVD  
COSTA MESA, CA 926263233  
EPA ID: CAR000013151  
Contact: DOUG HAVER  
Contact address: 2860 HARBOR BLVD  
COSTA MESA, CA 926263233

**Actual:  
55 ft.**

Contact country: US  
Contact telephone: (714) 545-1700  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1001111777**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: DAVID HUPART  
Owner/operator address: 2860 HARBOR BLVD  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 545-1700  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F001  
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

**FINDS:**

Registry ID: 110002912581

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

1001111777

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.

CA FID UST:

Facility ID: 30017549  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145551212  
Mail To: Not reported  
Mailing Address: 19141 RIDGEVIEW  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
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:

Year: 2003  
Gepaid: CAR000013151  
Contact: BOB SAVOY  
Telephone: 7145451700  
Mailing Name: Not reported  
Mailing Address: 2860 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Transfer Station  
Tons: 0.01  
Facility County: Orange

Year: 2002  
Gepaid: CAR000013151  
Contact: BOB SAVOY  
Telephone: 7145451700  
Mailing Name: Not reported  
Mailing Address: 2860 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Transfer Station

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA MITSUBISHI (Continued)**

**1001111777**

Tons: 0.03  
Facility County: Orange  
  
Year: 2000  
Gepaid: CAR000013151  
Contact: BOB SAVOY  
Telephone: 7145451700  
Mailing Name: Not reported  
Mailing Address: 2860 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues 10 percent or more  
Disposal Method: Recycler  
Tons: 1.12  
Facility County: Orange

Year: 1999  
Gepaid: CAR000013151  
Contact: COSTA MESA MITSUBISHI  
Telephone: 7145451700  
Mailing Name: Not reported  
Mailing Address: 2860 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues 10 percent or more  
Disposal Method: Recycler  
Tons: 2.6271  
Facility County: Orange

Year: 1999  
Gepaid: CAR000013151  
Contact: COSTA MESA MITSUBISHI  
Telephone: 7145451700  
Mailing Name: Not reported  
Mailing Address: 2860 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAD099452708  
TSD County: Not reported  
Waste Category: Oil/water separation sludge  
Disposal Method: Transfer Station  
Tons: 2.5645  
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access  
3 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

J55  
WNW  
1/8-1/4  
0.216 mi.  
1142 ft.

2845 HARBOR BLVD  
COSTA MESA, CA 92626

Site 10 of 12 in cluster J

EDR US Hist Auto Stat 1015389330  
N/A

Relative:  
Lower  
Actual:  
55 ft.

EDR Historical Auto Stations:  
Name: PRIMO SMOG AUTO REPAIR  
Year: 2012  
Address: 2845 HARBOR BLVD

J56  
WNW  
1/8-1/4  
0.216 mi.  
1142 ft.

NISSAN COSTA MESA  
2845 HARBOR BLVD  
COSTA MESA, CA 92626

Site 11 of 12 in cluster J

RCRA-SQG 1000298578  
FINDS CAD981666811

Relative:  
Lower  
Actual:  
55 ft.

RCRA-SQG:  
Date form received by agency: 12/23/1994  
Facility name: NISSAN COSTA MESA  
Facility address: 2845 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD981666811  
Mailing address: HARBOR BLVD  
COSTA MESA, CA 92626  
Contact: LARS ANDERSSON  
Contact address: 2845 HARBOR BLVD  
COSTA MESA, CA 92626  
Contact country: US  
Contact telephone: (714) 722-2000  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: WILLIAM R PIERCEY  
Owner/operator address: 2965 ESTATES DR  
PARK CITY, UT 84060  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 722-2000  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NISSAN COSTA MESA (Continued)**

**1000298578**

Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**FINDS:**

Registry ID: 110002742970

**Environmental Interest/Information System**

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**J57  
 WNW  
 1/8-1/4  
 0.216 mi.  
 1142 ft.**

**HOLMES TUTTLE NISSAN INC  
 2845 HARBOR BLVD  
 COSTA MESA, CA 92626  
 Site 12 of 12 in cluster J**

**CA HIST CORTESE U003779347  
 CA LUST N/A  
 CA UST  
 CA HIST UST  
 CA Notify 65  
 CA Orange Co. Industrial Site**

**Relative:  
 Lower**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 30  
 Reg By: LTNKA  
 Reg Id: 083001101T

**Actual:  
 55 ft.**

**LUST:**

Region: STATE  
 Global Id: T0605900870  
 Latitude: 33.674957  
 Longitude: -117.920019  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 11/13/1989  
 Lead Agency: ORANGE COUNTY LOP  
 Case Worker: DB  
 Local Agency: ORANGE COUNTY LOP  
 RB Case Number: 083001101T  
 LOC Case Number: 88UT187  
 File Location: Local Agency  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
 Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605900870



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLMES TUTTLE NISSAN INC (Continued)**

**U003779347**

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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605900870  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605900870  
Status: Completed - Case Closed  
Status Date: 11/13/1989

Global Id: T0605900870  
Status: Open - Case Begin Date  
Status Date: 11/04/1988

Regulatory Activities:  
Global Id: T0605900870  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900870  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:  
Region: ORANGE  
Facility Id: 88UT187  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 11/13/1989  
Case Type: Soil Only  
Record ID: RO0000954

LUST REG 8:  
Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001101T  
Local Case Num: 88UT187  
Case Type: Soil only

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLMES TUTTLE NISSAN INC (Continued)**

**U003779347**

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  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605900870  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 11/4/1988  
Enforcement Date: Not reported  
Close Date: 11/13/1989  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6748664  
Longitude: -117.919412  
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: AR  
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

UST:

Facility ID: 1833  
Latitude: 33.67514  
Longitude: -117.91941

HIST UST:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLMES TUTTLE NISSAN INC (Continued)**

**U003779347**

Region: STATE  
Facility ID: 00000065752  
Facility Type: Other  
Other Type: DEALER  
Total Tanks: 0002  
Contact Name: SERVICE MANAGER JOHN FATRELL  
Telephone: 7145406410  
Owner Name: HOLMES TUTTLE INC.  
Owner Address: 7 OLD FIELD RD. #B  
Owner City,St,Zip: IRVINE, CA 92714

Tank Num: 001  
Container Num: 2  
Year Installed: 1971  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000600  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Notify 65:  
Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 90220

Orange Co. Industrial Site:  
Case ID: 05IC016  
Region: ORANGE  
Record ID: RO0003355  
Current Status: CLOSED 1/10/2006  
Closure Type: Closure certification issued  
Released Chemical: WASTE (OR SLOP) OIL DICHLOROBENZENE

58  
ENE  
1/8-1/4  
0.224 mi.  
1184 ft.

1102 CORONA LN  
COSTA MESA, CA 92626

EDR US Hist Cleaners 1014974759  
N/A

Relative:  
Lower EDR Historical Cleaners:  
Name: BEACH CLEANERS  
Year: 2002  
Actual:  
49 ft. Address: 1102 CORONA LN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**K59** METROPOLITAN VELIE CIRCUITS  
**North** 1261 LOGAN AVENUE  
**1/8-1/4** COSTA MESA, CA  
**0.225 mi.**  
**1187 ft.** Site 1 of 7 in cluster K

**CA SLIC** S101854104  
**CA EMI** N/A

**Relative:**  
**Lower**

SLIC:

**Actual:**  
**46 ft.**

Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 11/20/2000  
Global Id: SLT8R0273912  
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
Lead Agency Case Number: 30360008  
Latitude: 33.67878  
Longitude: -117.908743  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: Not reported  
File Location: DTSC  
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil  
Potential Contaminants of Concern: Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Arsenic, Chromium, Copper, Lead, Mercury (elemental), Other Metal  
Site History: see Department of Toxic Substances Control website at <http://www.envirostor.dtsc.ca.gov/public/>

Click here to access the California GeoTracker records for this facility:

SLIC REG 8:

Type: Soil and Groundwater  
Facility Status: 6  
Region: 8  
Staff: Kamron Saremi, Tel 909-782-4303, SLIC  
Substance: Kamron Saremi, Tel 909-782-4303, SLIC  
Lead Agency: Kamron Saremi, Tel 909-782-4303, SLIC  
Location Code: Kamron Saremi, Tel 909-782-4303, SLIC  
Thomas Bros Code: Kamron Saremi, Tel 909-782-4303, SLIC

EMI:

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 44947  
Air District Name: SC  
SIC Code: 2753  
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 & Smlr Tons/Yr: 0  
Year: 1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN VELIE CIRCUITS (Continued)**

**S101854104**

County Code: 30  
Air Basin: SC  
Facility ID: 44947  
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: 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 & Smllr Tons/Yr: 0

**K60**  
**North**  
**1/8-1/4**  
**0.225 mi.**  
**1187 ft.**

**METROPOLITAN CIRCUITS INC #2**  
**1261 LOGAN AVE**  
**COSTA MESA, CA 92626**  
**Site 2 of 7 in cluster K**

**CERC-NFRAP** **1003879083**  
**CAD982360232**

**Relative:**  
**Lower**

CERC-NFRAP:  
Site ID: 0902594  
Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

**Actual:**  
**46 ft.**

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13052983.00000  
Person ID: 9271184.00000  
  
Contact Sequence ID: 13287950.00000  
Person ID: 13003854.00000  
  
Contact Sequence ID: 13293545.00000  
Person ID: 13003858.00000  
  
Contact Sequence ID: 13299403.00000  
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: PRELIMINARY ASSESSMENT  
Date Started: / /  
Date Completed: 10/01/88  
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information  
  
Action: ARCHIVE SITE  
Date Started: / /  
Date Completed: 10/01/88  
Priority Level: Not reported  
  
Action: DISCOVERY  
Date Started: / /  
Date Completed: 11/01/87  
Priority Level: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

L61  
WNW  
1/8-1/4  
0.225 mi.  
1187 ft.

**COAST GENERAL TIRE**  
**2855 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**Site 1 of 2 in cluster L**

**CA FID UST** 1000387224  
**CA UST** N/A  
**CA HIST UST**  
**CA SWEEPS UST**

**Relative:**  
**Lower**

CA FID UST:  
Facility ID: 30006856  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145551212  
Mail To: Not reported  
Mailing Address: 2855 HARBOR BLVD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**Actual:**  
**55 ft.**

UST:  
Facility ID: 6442  
Latitude: 33.67545  
Longitude: -117.91941

HIST UST:  
Region: STATE  
Facility ID: 00000002959  
Facility Type: Other  
Other Type: Not reported  
Total Tanks: 0001  
Contact Name: PETE OJEDA  
Telephone: 7145405710  
Owner Name: DONSWEDLUND, INC. DBA COAST GE  
Owner Address: 2855 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: 1974  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor, None

SWEEPS UST:  
Status: Active  
Comp Number: 6442  
Number: 9  
Board Of Equalization: 44-016483  
Referral Date: 09-30-92  
Action Date: 09-15-92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COAST GENERAL TIRE (Continued)**

**1000387224**

Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006442-000001  
Actv Date: Not reported  
Capacity: 280  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 1

**L62  
WNW  
1/8-1/4  
0.225 mi.  
1187 ft.**

**2855 HARBOR BLVD  
COSTA MESA, CA 92626**

**EDR US Hist Auto Stat 1015389889  
N/A**

**Site 2 of 2 in cluster L**

**Relative:  
Lower**

EDR Historical Auto Stations:

Name: KELLOGGS AUTOMOTIVE  
Year: 2005  
Address: 2855 HARBOR BLVD

**Actual:  
55 ft.**

Name: KELLOGGS AUTOMOTIVE  
Year: 2008  
Address: 2855 HARBOR BLVD

Name: AMERICAN CAR CARE CTR  
Year: 2010  
Address: 2855 HARBOR BLVD

Name: AMERICAN CAR CARE CENTERS  
Year: 2011  
Address: 2855 HARBOR BLVD

Name: AMERICAN CAR CARE CENTERS  
Year: 2012  
Address: 2855 HARBOR BLVD

**63  
NNE  
1/8-1/4  
0.225 mi.  
1189 ft.**

**1202 LOGAN AVE  
COSTA MESA, CA 92626**

**EDR US Hist Auto Stat 1015180540  
N/A**

**Relative:  
Lower**

EDR Historical Auto Stations:

Name: ORANGE COAST AUTOMOTIVE  
Year: 2006  
Address: 1202 LOGAN AVE

**Actual:  
46 ft.**

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**K64**  
**North**  
**1/8-1/4**  
**0.225 mi.**  
**1189 ft.**

**VELIE CIRCUITS INC**  
**1267 LOGAN AVE.**  
**COSTA MESA, CA**

**Site 3 of 7 in cluster K**

**RCRA-LQG**  
**FINDS**  
**CA FID UST**  
**CA UST**  
**CA HIST UST**  
**CA SWEEPS UST**  
**CA WDS**

**1000248362**  
**CAD980816763**

**Relative:**  
**Lower**

**Actual:**  
**46 ft.**

**RCRA-LQG:**

Date form received by agency: 02/12/2006  
 Facility name: VELIE CIRCUITS  
 Facility address: 1267 LOGAN AVE  
 COSTA MESA, CA 92626  
 EPA ID: CAD980816763  
 Contact: RUSSEL GANN  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: (714) 751-4994  
 Contact email: RNGANN@MSM.COM  
 EPA Region: 09  
 Land type: Private  
 Classification: Large Quantity Generator  
 Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: DENNY ALLEN CRISWELL  
 Owner/operator address: 3540 EAST 26TH STREET  
 VERNON, CA 90023  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: 01/01/2004  
 Owner/Op end date: Not reported

Owner/operator name: VELIE CIRCUITS  
 Owner/operator address: Not reported  
 Not reported  
 Owner/operator country: US  
 Owner/operator telephone: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: 01/01/2004  
 Owner/Op end date: Not reported

**Handler Activities Summary:**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCUITS INC (Continued)**

**1000248362**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: Yes  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/01/2004  
Facility name: VELIE CIRCUITS  
Classification: Large Quantity Generator

Date form received by agency: 10/31/2002  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 03/04/1999  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS INC  
Classification: Large Quantity Generator

Date form received by agency: 02/05/1996  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS, INC.  
Classification: Large Quantity Generator

Date form received by agency: 03/25/1994  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/18/1992  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS INC  
Classification: Large Quantity Generator

Date form received by agency: 04/16/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCUITS INC (Continued)**

**1000248362**

Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS INC  
Classification: Large Quantity Generator

Date form received by agency: 09/22/1983  
Facility name: VELIE CIRCUITS  
Site name: VELIE CIRCUITS INC  
Classification: Large Quantity Generator

**Hazardous Waste Summary:**

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F006  
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

**Facility Has Received Notices of Violations:**

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 06/22/2006  
Date achieved compliance: 09/27/2006  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/22/2006  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

**Evaluation Action Summary:**

Evaluation date: 06/22/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/27/2006  
Evaluation lead agency: Local

Evaluation date: 06/28/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCITS INC (Continued)**

**1000248362**

Evaluation date: 04/26/2004  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 04/11/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 05/05/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 09/27/2006  
Evaluation lead agency: State Contractor/Grantee

**FINDS:**

Registry ID: 110000479848

**Environmental Interest/Information System**

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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**

**CA FID UST:**

Facility ID: 30000033  
Regulated By: UTKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7147514994  
Mail To: Not reported  
Mailing Address: 16144 HIGH VALLEY PL  
Mailing Address 2: Not reported  
Mailing City, St, Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCITS INC (Continued)**

**1000248362**

NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

UST:

Facility ID: 3820  
Latitude: 33.67876  
Longitude: -117.9117

HIST UST:

Region: STATE  
Facility ID: 00000006173  
Facility Type: Other  
Other Type: ELECTRONICS  
Total Tanks: 0001  
Contact Name: DALE LAMB  
Telephone: 7147514994  
Owner Name: VELIE CIRCUITS, INC.  
Owner Address: 1267 LOGAN AVENUE  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: 1978  
Tank Capacity: 00020000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 10 inches  
Leak Detection: Visual

SWEEPS UST:

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000014  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 11

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCITS INC (Continued)**

**1000248362**

Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000026  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000027  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000028  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000029  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VELIE CIRCITS INC (Continued)

1000248362

Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000030  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000031  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000032  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VELIE CIRCITS INC (Continued)**

**1000248362**

Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000033  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000034  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3820  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 04-03-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003820-000035  
Actv Date: Not reported  
Capacity: 800  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

**CA WDS:**

Facility ID: Santa Ana River 30I003385  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VELIE CIRCUITS INC (Continued)**

**1000248362**

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 8

Facility Telephone: 7147514994

Facility Contact: GARY KLUECKMAN

Agency Name: VELIE CIRCUITS INC.

Agency Address: 1267 LOGAN AVENUE

Agency City,St,Zip: COSTA MESA 92626

Agency Contact: GARY KLUECKMAN

Agency Telephone: 7147514994

Agency Type: Private

SIC Code: 3672

SIC Code 2: Not reported

Primary Waste: Stormwater Runoff

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: Not reported

POTW: Not reported

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**K65**  
**North**  
**1/8-1/4**  
**0.225 mi.**  
**1189 ft.**

**METROPOLITAN CIRCUITS**  
**1267 LOGAN AVENUE**  
**COSTA MESA, CA 92626**  
**Site 4 of 7 in cluster K**

**CA HIST Cal-Sites** **S100833316**  
**CA BOND EXP. PLAN** **N/A**  
**CA HIST CORTESE**  
**CA RESPONSE**  
**CA ENVIROSTOR**

**Relative:**  
**Lower**

Calsite:  
 Facility ID: 30360008  
 Region: 4  
 Region Name: CYPRESS  
 Branch: SB  
 Branch Name: SO CAL - CYPRESS  
 File Name: Not reported  
 State Senate District: 11202000  
 Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT  
 Status Name: CERTIFIED  
 Lead Agency: DTSC  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
 Facility Type: RP

**Actual:**  
**46 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Type Name: RESPONSIBLE PARTY  
NPL: Not Listed  
SIC Code: 36  
SIC Name: MANU - ELECTRONIC & OTHER ELECTRIC EQUIP  
Access: Controlled  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Suspected  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: SA  
Region Water Control Board Name: SANTA ANA  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 68  
State Senate District Code: 35  
Facility ID: 30360008  
Activity: DISC  
Activity Name: DISCOVERY  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 08011981  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 30360008  
Activity: RA  
Activity Name: REMOVAL ACTION  
AWP Code: SOIL  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 09301986  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01021987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	RAO
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04301988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Unknown Type:	0
Facility ID:	30360008
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	FDNC
Activity Name:	FINAL DETERMINATION OF NON-COMPLIANCE
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	FRIFS
Activity Name:	FOCUSED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	AMEND
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11221993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	I&SE
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12091994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

Map ID  
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MAP FINDINGS

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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NOD
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05231995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	GW
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03251996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	RA

Map ID  
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Distance  
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MAP FINDINGS

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Database(s)

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EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Activity Name: REMOVAL ACTION  
AWP Code: SOIL  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 09061995  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 435  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: EXCAVATION AND DISPOSAL OF NON-RCRA WASTE.  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 30360008  
Activity: RMDL  
Activity Name: REMEDIAL ACTION (RAP REQUIRED)  
AWP Code: S/GW  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 05101999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: N  
Activity Comments: 750 LBS. VOCs REMOVED (GALLONS)6.6 MILLION GALLONS TREATED  
For Commercial Reuse: 0  
For Industrial Reuse: 2.50000  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 30360008  
Activity: CERT  
Activity Name: CERTIFICATION  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 11202000  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported

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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	650
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	X
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10101996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	30360008
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10101996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	CERT
Definition of Status:	CERTIFIED
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported

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Distance  
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MAP FINDINGS

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Database(s)

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EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 30360008  
Activity: ORDER  
Activity Name: I/SE, IORSE, FFA, FFSRA, VCA, EA  
AWP Code: SETTLE  
Proposed Budget: 0  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: 10121999  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: CERT  
Definition of Status: CERTIFIED  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: 1267 LOGAN AVENUE  
Alternate City,St,Zip: COSTA MESA, CA 92626  
Alternate Address: 1261 LOGAN AVENUE (CERCLIS)  
Alternate City,St,Zip: COSTA MESA, CA  
Alternate Address: 3232 FAIRVIEW (NEW LOCATION)  
Alternate City,St,Zip: COSTA MESA, CA  
Background Info: This site is a printed circuit board manufacturing plant which was operated by Metropolitan Circuits from 1969 to 1981. The facility is presently occupied by Velie Circuits, which has operated a similar manufacturing plant at the location since 1984. During the production of the printed circuit boards, a process was used that involved the plating of copper and other metals. The soils in the chemical handling and storage areas on the site have been contaminated by metals used in this manufacturing process.  
The company completed a prior RI/FS in 1985, and developed a RAP for the excavation and removal of contaminated soil. The RAP was approved in February 1986, and the excavation and removal of soil was implemented in September 1986. However, post-excavation sampling revealed that metals were still present in the soils and that they appeared to be increasing in depth. Therefore, in April 1988, the Department issued an RAO to the RPs requiring them to perform additional site characterization and remediation. In 1990, an approved RI Workplan was implemented which included soil sampling and installing 2 groundwater monitoring wells. Results showed that the extent of copper-contaminated was undefined and volatile organic compound (VOCs) were present in the soil and groundwater.  
In 1991, additional RI work was completed. The extent of



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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

copper-contaminated soil was still undefined, the source of VOCs in the soil and groundwater was not identified, and the groundwater flow direction was unclear.

In 1992, a condensed and conservative Health Risk Assessment (HRA) was prepared by the Department based on information provided in the draft RI Report. The HRA concluded that the soil contaminated with metals and concentrations of VOCs in groundwater, if used as a drinking water source, may pose a significant risk.

After the groundwater flow direction was re-determined, additional investigative work was performed. The purpose of the investigation was to define the copper-contaminated soil area and evaluate groundwater conditions at the site using a cone penetrometer testing (CPT) survey and placing a groundwater monitoring well offsite. The report on this work concluded that available soil and groundwater data for VOCs is insufficient to identify the source or extent of contamination.

Thus, a limited soil investigation was performed in April 1993 for the purpose of determining if site operation contributed to the groundwater contamination of VOCs.

Comments Date: 08011981  
Comments: 03/19/79 EMA - chemical waste onto Logan Avenue.  
Comments Date: 01021987  
Comments: Site Screening Done.  
Comments Date: 01311984  
Comments: This is the date the site was first listed pursuant to  
Comments Date: 01311984  
Comments: section 25356.  
Comments Date: 02151995  
Comments: The focused RI/FS workplan was approved.  
Comments Date: 03251996  
Comments: Additional contours of contaminated groundwater were  
Comments Date: 03251996  
Comments: provided. Pilot test results were also found acceptable.  
Comments Date: 03251996  
Comments: RI/FS complete.  
Comments Date: 04041995  
Comments: The Removal Action Workplan was tentatively approved.  
Comments Date: 04221999  
Comments: DTSC meets with Velie Circuits, agrees that contaminants in  
Comments Date: 04221999  
Comments: groundwater have reached asymptotic levels and active  
Comments Date: 04221999  
Comments: remediation can be discontinued. Follow-up monitoring is  
Comments Date: 04221999  
Comments: needed, both on and off property.  
Comments Date: 05101999  
Comments: DTSC has determined that the remedial objectives of the ground-  
Comments Date: 05101999  
Comments: water and soil treatment system have been achieved.  
Comments Date: 05221995  
Comments: CEQA documents for the Metropolitan Circuits site were  
Comments Date: 05221995  
Comments: submitted/approved for the planned removal action. The  
Comments Date: 05221995  
Comments: proposed activities include excavation and removal of  
Comments Date: 05221995

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MAP FINDINGS

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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Comments: metal-contaminated soils.  
Comments Date: 05261982  
Comments: Final disposition through LA County Enforcement.  
Comments Date: 08011981  
Comments: 04/24/79 EMA-WPC - IWDP #202. 05/11/79 County Sanitation -  
Comments Date: 08011981  
Comments: discharge to sewer at night.  
Comments Date: 08101981  
Comments: Records Search: County Sanitation - problems with discharge  
Comments Date: 08101981  
Comments: clean-up.  
Comments Date: 09141989  
Comments: Preliminary Assessment Done: On-going remedial investigation  
Comments Date: 09141989  
Comments: for this BEP site.  
Comments Date: 09181995  
Comments: A Removal Action was conducted at the Metropolitan Circuits  
Comments Date: 09181995  
Comments: site consisting of the excavation and disposal of approx-  
Comments Date: 09181995  
Comments: imately 435 tons of non-RCRA waste. Clean soil was  
Comments Date: 09181995  
Comments: compacted over the excavated areas and certified to at  
Comments Date: 09181995  
Comments: least 90% compacted.  
Comments Date: 09261989  
Comments: Preliminary Assessment submitted to EPA. No further action  
Comments Date: 09261989  
Comments: by EPA.  
Comments Date: 09291981  
Comments: Facility Drive-By: Operations moved to 3232 Fairview, also  
Comments Date: 09291981  
Comments: in Costa Mesa. Bluegreen stain from lot to street drain.  
Comments Date: 09301986  
Comments: Removal Action: Soil excavation.  
Comments Date: 10051981  
Comments: Questionnaire sent.  
Comments Date: 10101996  
Comments: The CEQA and RAW were completed and approved.  
Comments Date: 10101996  
Comments: Onsite pump and treat system (2-phase vapor extraction) to  
Comments Date: 10101996  
Comments: remediate 2 perched aquifers contaminated with various VOCs.  
Comments Date: 10101996  
Comments: Remediation is just starting - so total removed water is  
Comments Date: 10101996  
Comments: not projected at this time. Operating 11/96.  
Comments Date: 10121999  
Comments: A settlement agreement was reached with Velie Circuits in which  
Comments Date: 10121999  
Comments: final remediation has been approved. O&M will continue until  
Comments Date: 10121999  
Comments: the second quarter of the year 2000.  
Comments Date: 10221981  
Comments: Questionnaire received.  
Comments Date: 11051981  
Comments: Phone Follow-up: Refined solvents onsite. Clarifier has ink

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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Comments Date: 11051981  
Comments: and plating wastes. Clarifier was full - no plan to empty.  
Comments Date: 11051981  
Comments: Stains from sulfuric peroxide.  
Comments Date: 11091981  
Comments: State Inspection: Clarified on east side of building. Non-  
Comments Date: 11091981  
Comments: odorous material in clarifier. DA torque fluid in  
Comments Date: 11091981  
Comments: containers. One 55-gallon drum and 5-gallon bucket. Cement  
Comments Date: 11091981  
Comments: block in back nearly dissolved. Stains (blue, yellow,  
Comments Date: 11091981  
Comments: orange) around crumbling block. Acid tank was over cement  
Comments Date: 11091981  
Comments: block. Reddish stain at back of building; may be rust.  
Comments Date: 11091981  
Comments: Security guard on premises.  
Comments Date: 11171981  
Comments: Recommend testing of clarifier.  
Comments Date: 11231999  
Comments: Velie Circuits submits a proposal to abandon seven monitoring  
Comments Date: 11231999  
Comments: wells in the Adams Place (former Our Town Apartments) and one  
Comments Date: 11231999  
Comments: on the Lyon Mesa Property. DTSC approves the proposal.  
Comments Date: 11292000  
Comments: SOIL AND GROUNDWATER REMEDIATION AT THE SITE HAS BEEN CERTIFIED  
Comments Date: 11292000  
Comments: REMEDIATED TO HEALTH-BASED STANDARDS.  
Comments Date: 12071981  
Comments: State Inspection: Storage cabinet had solvents, paints, and  
Comments Date: 12071981  
Comments: adhesives. Five samples taken. Site photos taken.  
Comments Date: 12071994  
Comments: The Department is currently negotiating a Cleanup  
Comments Date: 12071994  
Comments: Agreement with Ascon Landfill.  
Comments Date: 12091994  
Comments: DTSC issued an Imminent and/or Substantial Endangerment  
Comments Date: 12091994  
Comments: Order and Consent Agreement.  
Comments Date: 08011981  
Comments: Facility Identified: Phone Co Search.  
Comments Date: 08011981  
Comments: Records Search: 07/01/76 NPDES #477B8872, IWP #7-217.  
ID Name: CALSTARS CODE  
ID Value: 400096  
ID Name: HWIS IDENTIFICATION CODE  
ID Value: CAD980816763  
ID Name: BEP DATABASE PCODE  
ID Value: P41025  
ID Name: EPA IDENTIFICATION NUMBER  
ID Value: CAD982360232  
Alternate Name: METROPOLITAN WEST (IN 1971)METROPOLITAN CIRCUITSVELIE CIRCUITS INC  
Special Programs Code: CERC2  
Special Programs Name: CERCLA II

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MAP FINDINGS

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**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

**CA BOND EXP. PLAN:**

Responsible Party: RESPONSIBLE PARTY LEAD SITE CLEANUP WORKPLAN  
Project Revenue Source Company: Not reported  
Project Revenue Source Addr: Not reported  
Project Revenue Source City,St,Zip: Not reported  
Project Revenue Source Desc: The responsible parties are in compliance with an order issued by the Department for oversight/monitoring of their cleanup efforts. DHS has budgeted \$50,000 for direct costs related to the project. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The responsible parties will pay all costs associated with cleanup.  
Site Description: This site is a former printed circuit board manufacturing plant which operated from 1969 to 1981. The facility is now occupied by Velie Circuits, which has operated a similar manufacturing plant since 1984.  
Hazardous Waste Desc: The soils in chemical handling and storage areas on the site have been contaminated by heavy metals utilized in The manufacturing process. These substances include copper, lead, and zinc.  
Threat To Public Health & Env: The levels of heavy metals in soil may be increasing with depth, which could represent a potential threat to the ground water. The site is located next to the Paularino Channel which eventually drains to the Upper Newport Bay, a wildlife refuge. There is no known exposure of chemicals to workers at this time because of preventive measures taken at the facility.  
Site Activity Status: The company completed a RI/FS and developed a RAP that was approved by the Department in February, 1986. The RAP was implemented in September, 1986 which entailed excavation and removal of contaminated soil. Post-excavation sampling revealed that metals were still present in soils and may be increasing with depth. In April, 1988, DHS issued a RAO to Metropolitan Circuits and Velie Circuits requiring them to characterize the remaining contamination and develop a second RAP. The characterization work will include ground water investigation to determine if usable aquifers are impacted. This work will commence in Fall 1988.

**CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: CALSI  
Reg Id: 30360008

**RESPONSE:**

Facility ID: 30360008  
Site Type: State Response  
Site Type Detail: State Response or NPL  
Acres: 2.5  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: \* Greg Holmes  
Division Branch: Cleanup Cypress  
Site Code: 400096  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 74  
Senate: 37  
Special Program Status: Not reported  
Status: Certified  
Status Date: 11/20/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Restricted Use: NO  
Funding: Responsible Party  
Latitude: 33.67829  
Longitude: -117.9103  
APN: 141-202-15  
Past Use: MANUFACTURING - ELECTRONIC  
Potential COC: Arsenic, Lead, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, 1,1,2-Trichloroethane, Zinc  
Confirmed COC: Arsenic, Lead, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, 1,1,2-Trichloroethane, Zinc, 1,1,2-Trichloroethane, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, Arsenic, Lead, Zinc  
Potential Description: OTH, SOIL, SV, IA, SURFW  
Alias Name: METROPOLITAN WEST (IN 1971)  
Alias Type: Alternate Name  
Alias Name: VELIE CIRCUITS INC  
Alias Type: Alternate Name  
Alias Name: 141-202-15  
Alias Type: APN  
Alias Name: CAD982360232  
Alias Type: EPA Identification Number  
Alias Name: 110033610634  
Alias Type: EPA (FRS #)  
Alias Name: SLT8R0273912  
Alias Type: GeoTracker Global ID  
Alias Name: CAD980816763  
Alias Type: HWTS Identification Code  
Alias Name: P41025  
Alias Type: PCode  
Alias Name: 400096  
Alias Type: Project Code (Site Code)  
Alias Name: 30360008  
Alias Type: Envirostor ID Number  
Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 10/10/1996  
Comments: Not reported  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 05/10/1999  
Comments: DTSC has determined that the remedial objectives of the ground- water and soil treatment system have been achieved.  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 09/06/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 02/20/1996  
Comments: Additional contours of contaminated groundwater were provided. Pilot test results were also found acceptable. RI/FS complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Engineering Evaluation / Cost Analysis  
Completed Date: 06/30/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 09/30/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/14/1989  
Comments: Preliminary Assessment Done: On-going remedial investigation for this BEP site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 01/02/1987  
Comments: Site Screening Done.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 09/30/1986  
Comments: Removal Action: Soil excavation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 08/01/1981  
Comments: Facility Identified: Phone Co Search. Records Search: 07/01/76 NPDES #477B8872, IWP #7-217. 03/19/79 EMA - chemical waste onto Logan Avenue. 04/24/79 EMA-WPC - IWDP #202. 05/11/79 County Sanitation - discharge to sewer at night.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 10/12/1999  
Comments: A settlement agreement was reached with Velie Circuits in which final remediation has been approved. O&M will continue until the second quarter of the year 2000.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 10/10/1996  
Comments: The CEQA and RAW were completed and approved. Onsite pump and treat system (2-phase vapor extraction) to remediate 2 perched aquifers contaminated with various VOCs. Remediation is just starting - so total removed water is not projected at this time. Operating 11/96.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 11/20/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 05/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Imminent and/or Substantial Endangerment Order  
Completed Date: 12/09/1994  
Comments: DTSC issued an Imminent and/or Substantial Endangerment Order and Consent Agreement.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 11/22/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Final Determination of Non-Compliance  
Completed Date: 11/30/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)  
Completed Date: 04/11/1988  
Comments: RAO

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

ENVIROSTOR:

Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 2.5  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: \* Greg Holmes  
Division Branch: Cleanup Cypress  
Facility ID: 30360008  
Site Code: 400096  
Assembly: 74  
Senate: 37  
Special Program: Not reported  
Status: Certified  
Status Date: 11/20/2000  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.67829  
Longitude: -117.9103  
APN: 141-202-15  
Past Use: MANUFACTURING - ELECTRONIC  
Potential COC: Arsenic, Lead, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, 1,1,2-Trichloroethane, Zinc  
Confirmed COC: Arsenic, Lead, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, 1,1,2-Trichloroethane, Zinc, 1,1,2-Trichloroethane, Tetrachloroethylene (PCE, 1,1,1-Trichloroethane (TCA, Trichloroethylene (TCE, Cadmium and compounds, Chromium VI, Copper and compounds, 1,2-Dichloroethane (EDC, 1,1-Dichloroethylene, Mercury and compounds, Arsenic, Lead, Zinc  
Potential Description: OTH, SOIL, SV, IA, SURFW  
Alias Name: METROPOLITAN WEST (IN 1971)  
Alias Type: Alternate Name  
Alias Name: VELIE CIRCUITS INC  
Alias Type: Alternate Name  
Alias Name: 141-202-15  
Alias Type: APN  
Alias Name: CAD982360232  
Alias Type: EPA Identification Number  
Alias Name: 110033610634  
Alias Type: EPA (FRS #)  
Alias Name: SLT8R0273912  
Alias Type: GeoTracker Global ID  
Alias Name: CAD980816763  
Alias Type: HWTS Identification Code  
Alias Name: P41025  
Alias Type: PCode  
Alias Name: 400096  
Alias Type: Project Code (Site Code)  
Alias Name: 30360008  
Alias Type: Envirostor ID Number



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 10/10/1996  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 05/10/1999  
Comments: DTSC has determined that the remedial objectives of the ground- water and soil treatment system have been achieved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 09/06/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 02/20/1996  
Comments: Additional contours of contaminated groundwater were provided. Pilot test results were also found acceptable. RI/FS complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Engineering Evaluation / Cost Analysis  
Completed Date: 06/30/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Participation Plan / Community Relations Plan  
Completed Date: 09/30/1990  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/14/1989  
Comments: Preliminary Assessment Done: On-going remedial investigation for this BEP site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 01/02/1987  
Comments: Site Screening Done.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 09/30/1986  
Comments: Removal Action: Soil excavation.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 08/01/1981  
Comments: Facility Identified: Phone Co Search. Records Search: 07/01/76 NPDES #477B8872, IWP #7-217. 03/19/79 EMA - chemical waste onto Logan Avenue. 04/24/79 EMA-WPC - IWDP #202. 05/11/79 County Sanitation - discharge to sewer at night.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 10/12/1999  
Comments: A settlement agreement was reached with Velie Circuits in which final remediation has been approved. O&M will continue until the second quarter of the year 2000.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 10/10/1996  
Comments: The CEQA and RAW were completed and approved. Onsite pump and treat system (2-phase vapor extraction) to remediate 2 perched aquifers contaminated with various VOCs. Remediation is just starting - so total removed water is not projected at this time. Operating 11/96.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 11/20/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* CEQA  
Completed Date: 05/23/1995  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Imminent and/or Substantial Endangerment Order  
Completed Date: 12/09/1994  
Comments: DTSC issued an Imminent and/or Substantial Endangerment Order and Consent Agreement.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Amendment - Order/Agreement  
Completed Date: 11/22/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Final Determination of Non-Compliance  
Completed Date: 11/30/1990  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METROPOLITAN CIRCUITS (Continued)**

**S100833316**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)  
Completed Date: 04/11/1988  
Comments: RAO

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

**M66**  
**North**  
**1/8-1/4**  
**0.226 mi.**  
**1192 ft.**

**BOAT TRANSIT INC**  
**1343 LOGAN AVE**  
**COSTA MESA, CA 92626**

**CA UST U001576786**  
**CA HIST UST N/A**

**Site 1 of 7 in cluster M**

**Relative:**  
**Lower**

UST:  
Facility ID: 1612  
Latitude: 33.67875  
Longitude: -117.91453

**Actual:**  
**47 ft.**

HIST UST:  
Region: STATE  
Facility ID: 00000065617  
Facility Type: Other  
Other Type: TRUCKING COMPANY  
Total Tanks: 0001  
Contact Name: CLAUDE SHELTON  
Telephone: 7145467172  
Owner Name: LOGAN AVENUE LEASING  
Owner Address: 1343 LOGAN AVENUE  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**M67**  
**North**  
**1/8-1/4**  
**0.226 mi.**  
**1192 ft.**

**BOAT TRANSIT CO**  
**1343 LOGAN**  
**COSTA MESA, CA 92626**

**Site 2 of 7 in cluster M**

**CA HIST CORTESE**  
**CA LUST**

**S104160818**  
**N/A**

**Relative:**      **CORTESE:**  
**Lower**            Region:                      **CORTESE**  
                          Facility County Code:      **30**  
**Actual:**            Reg By:                      **LTNKA**  
**47 ft.**                Reg Id:                       **083001546T**

**LUST:**  
 Region:                      **STATE**  
 Global Id:                   **T0605901181**  
 Latitude:                   **33.6786464**  
 Longitude:                  **-117.9145499**  
 Case Type:                  **LUST Cleanup Site**  
 Status:                      **Completed - Case Closed**  
 Status Date:                **02/25/1992**  
 Lead Agency:               **ORANGE COUNTY LOP**  
 Case Worker:               **DB**  
 Local Agency:               **ORANGE COUNTY LOP**  
 RB Case Number:           **083001546T**  
 LOC Case Number:         **90UT133**  
 File Location:              **Local Agency**  
 Potential Media Affect:    **Soil**  
 Potential Contaminants of Concern: **Diesel**  
 Site History:                **Not reported**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**  
 Global Id:                   **T0605901181**  
 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:                       **cbernhardt@waterboards.ca.gov**  
 Phone Number:              **9517824495**

Global Id:                   **T0605901181**  
 Contact Type:               **Local Agency Caseworker**  
 Contact Name:              **DENAMARIE BAKER**  
 Organization Name:        **ORANGE COUNTY LOP**  
 Address:                    **1241 E. DYER ROAD, STE. 120**  
 City:                         **SANTA ANA**  
 Email:                       **dbaker@ochca.com**  
 Phone Number:              **7144336255**

**Status History:**  
 Global Id:                   **T0605901181**  
 Status:                      **Completed - Case Closed**  
 Status Date:                **02/25/1992**

Global Id:                   **T0605901181**  
 Status:                      **Open - Case Begin Date**  
 Status Date:                **05/15/1990**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOAT TRANSIT CO (Continued)**

**S104160818**

Regulatory Activities:

Global Id: T0605901181  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901181  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 90UT133  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 02/25/1992  
Case Type: Soil Only  
Record ID: RO0002574

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001546T  
Local Case Num: 90UT133  
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: T0605901181  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 5/15/1990  
Enforcement Date: Not reported  
Close Date: 2/25/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BOAT TRANSIT CO (Continued)**

**S104160818**

Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.6786464  
Longitude: -117.9145499  
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: AR  
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

**K68**  
**North**  
**1/8-1/4**  
**0.227 mi.**  
**1196 ft.**

**1260 LOGAN AVE**  
**COSTA MESA, CA 92626**

**EDR US Hist Auto Stat 1015194803**  
**N/A**

**Site 5 of 7 in cluster K**

**Relative:**  
**Lower**

EDR Historical Auto Stations:

Name: JAMOS CUSTOM AUTOWORK  
Year: 1999  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2001  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2002  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2003  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2004  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2005  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2006  
Address: 1260 LOGAN AVE

**Actual:**  
**46 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015194803

Name: JARMOS CUSTOM AUTO  
Year: 2007  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2009  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2011  
Address: 1260 LOGAN AVE

Name: JARMOS CUSTOM AUTO  
Year: 2012  
Address: 1260 LOGAN AVE

**K69**  
**North**  
**1/8-1/4**  
**0.227 mi.**  
**1199 ft.**

**R I CHEMICAL, INC**  
**1281 LOGAN AVE UNIT H**  
**COSTA MESA, CA 92626**  
**Site 6 of 7 in cluster K**

**RCRA NonGen / NLR** **1000106846**  
**FINDS** **CAD981387962**  
**CA HAZNET**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

Date form received by agency: 03/02/1994  
Facility name: R I CHEMICAL, INC  
Facility address: 1281 LOGAN AVE UNIT H  
COSTA MESA, CA 92626

**Actual:**  
**47 ft.**

EPA ID: CAD981387962  
Contact: ROBERT DAY  
Contact address: 632 W ANGUS AVE  
ORANGE, CA 92668  
Contact country: US  
Contact telephone: (714) 540-6732  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: ROBERT T DAY  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**R I CHEMICAL, INC (Continued)**

**1000106846**

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002690204

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.

HAZNET:

Year: 1994  
Gepaid: CAD981387962  
Contact: Not reported  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1281 LOGAN AVE UNIT H  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT080010101  
TSD County: Not reported  
Waste Category: Laboratory waste chemicals  
Disposal Method: Not reported  
Tons: .0690  
Facility County: Orange

Year: 1994  
Gepaid: CAD981387962  
Contact: Not reported  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1281 LOGAN AVE UNIT H  
Mailing City,St,Zip: COSTA MESA, CA 926260000



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**R I CHEMICAL, INC (Continued)**

**1000106846**

Gen County: Not reported  
TSD EPA ID: CAD097030993  
TSD County: Not reported  
Waste Category: Liquids with pH <= 2  
Disposal Method: Treatment, Tank  
Tons: .7088  
Facility County: Orange

Year: 1994  
Gepaid: CAD981387962  
Contact: Not reported  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1281 LOGAN AVE UNIT H  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAD000088252  
TSD County: Not reported  
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Transfer Station  
Tons: .0625  
Facility County: Orange

Year: 1994  
Gepaid: CAD981387962  
Contact: Not reported  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1281 LOGAN AVE UNIT H  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT080022148  
TSD County: Not reported  
Waste Category: Laboratory waste chemicals  
Disposal Method: Not reported  
Tons: .0510  
Facility County: Orange

Year: 1994  
Gepaid: CAD981387962  
Contact: Not reported  
Telephone: 0000000000  
Mailing Name: Not reported  
Mailing Address: 1281 LOGAN AVE UNIT H  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAD000088252  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Transfer Station  
Tons: .0750  
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 13 additional CA\_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**K70**  
North  
1/8-1/4  
0.227 mi.  
1199 ft.

**1281 LOGAN AVE**  
**COSTA MESA, CA 92626**

**Site 7 of 7 in cluster K**

**EDR US Hist Auto Stat**    **1015197932**  
**N/A**

**Relative:**    EDR Historical Auto Stations:  
**Lower**        Name:            ORANGE COAST AUTOMOTIVE  
                  Year:            2008  
**Actual:**       Address:         1281 LOGAN AVE  
**47 ft.**

                  Name:            NO LIMIT AUTOMOTIVE LIFESTYLES  
                  Year:            2009  
                  Address:        1281 LOGAN AVE

                  Name:            NO LIMIT AUTOMOTIVE LIFESTYLES  
                  Year:            2010  
                  Address:        1281 LOGAN AVE

                  Name:            ORANGE COAST AUTOMOTIVE  
                  Year:            2011  
                  Address:        1281 LOGAN AVE

                  Name:            ORANGE COAST AUTOMOTIVE  
                  Year:            2012  
                  Address:        1281 LOGAN AVE

**M71**  
North  
1/8-1/4  
0.230 mi.  
1217 ft.

**1297 LOGAN AVE**  
**COSTA MESA, CA 92626**

**Site 3 of 7 in cluster M**

**EDR US Hist Cleaners**    **1014986559**  
**N/A**

**Relative:**    EDR Historical Cleaners:  
**Lower**        Name:            COIT DRAPERY & CARPET CLEANERS  
                  Year:            2002  
**Actual:**       Address:         1297 LOGAN AVE  
**47 ft.**

                  Name:            COIT CLEANING & RESTORATION  
                  Year:            2010  
                  Address:        1297 LOGAN AVE

**M72**  
North  
1/8-1/4  
0.230 mi.  
1217 ft.

**COIT DRAPERY & CARPET CLEANERS**  
**1297 LOGAN AVE**  
**COSTA MESA, CA 92626**

**Site 4 of 7 in cluster M**

**RCRA-SQG**    **1000391848**  
**FINDS**        **CAD981391931**  
**CA DRYCLEANERS**  
**CA HAZNET**  
**CA EMI**

**Relative:**    RCRA-SQG:  
**Lower**        Date form received by agency: 09/01/1996  
                  Facility name:    COIT DRAPERY & CARPET CLEANERS  
**Actual:**       Facility address:    1297 LOGAN AVE  
**47 ft.**            COSTA MESA, CA 92626

                  EPA ID:            CAD981391931  
                  Contact:           Not reported  
                  Contact address:   Not reported  
                                       Not reported  
                  Contact country:   Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: R W ROUTLEY  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 02/25/1986  
Facility name: COIT DRAPERY & CARPET CLEANERS  
Classification: Large Quantity Generator

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

Evaluation Action Summary:

Evaluation date: 10/25/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002691873

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

DRYCLEANERS:

EPA Id: CAD981391931  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 04/10/1987  
Facility Active: No  
Inactive Date: 06/30/2004  
Facility Addr2: Not reported  
Owner Name: JANICE CARNEY, PRESIDENT  
Owner Address: 1297 LOGAN AVE  
Owner Address 2: Not reported  
Owner Telephone: 7145401366  
Contact Name: JOHN COMER  
Contact Address: 1297 LOGAN AVE  
Contact Address 2: Not reported  
Contact Telephone: 7145401366  
EDR Link ID: CAD981391931

HAZNET:

Year: 2007  
Gepaid: CAD981391931  
Contact: JOHN COMER  
Telephone: 7145401366

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

Mailing Name: Not reported  
Mailing Address: 1297 LOGAN AVE  
Mailing City,St,Zip: COSTA MESA, CA 926264004  
Gen County: Not reported  
TSD EPA ID: CAD981696420  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.2  
Facility County: Orange

Year: 2005  
Gepaid: CAD981391931  
Contact: FRANK A NOLASCO  
Telephone: 7145401366  
Mailing Name: Not reported  
Mailing Address: 1297 LOGAN AVE  
Mailing City,St,Zip: COSTA MESA, CA 926264004  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Transfer Station  
Tons: 0.45  
Facility County: Orange

Year: 2004  
Gepaid: CAD981391931  
Contact: FRANK A NOLASCO  
Telephone: 7145401366  
Mailing Name: Not reported  
Mailing Address: 1297 LOGAN AVE  
Mailing City,St,Zip: COSTA MESA, CA 926264004  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Not reported  
Disposal Method: Not reported  
Tons: Not reported  
Facility County: Orange

Year: 2004  
Gepaid: CAD981391931  
Contact: FRANK A NOLASCO  
Telephone: 7145401366  
Mailing Name: Not reported  
Mailing Address: 1297 LOGAN AVE  
Mailing City,St,Zip: COSTA MESA, CA 926264004  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L  
Disposal Method: Transfer Station  
Tons: 1.3  
Facility County: Orange

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

Year: 2003  
Gepaid: CAD981391931  
Contact: FRANK A NOLASCO  
Telephone: 7145401366  
Mailing Name: Not reported  
Mailing Address: 1297 LOGAN AVE  
Mailing City,St,Zip: COSTA MESA, CA 926264004  
Gen County: Not reported  
TSD EPA ID: CAT080033681  
TSD County: Not reported  
Waste Category: Off-specification, aged or surplus inorganics  
Disposal Method: Disposal, Land Fill  
Tons: 0.77  
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 29 additional CA\_HAZNET: record(s) in the EDR Site Report.

**EMI:**

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 8  
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 & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 6  
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 & Smlr Tons/Yr: 0

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 20403

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

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: 4  
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 & Smlr Tons/Yr: 0

Year: 1995  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 4  
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 & Smlr Tons/Yr: 0

Year: 1996  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 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 & Smlr Tons/Yr: 0

Year: 1997  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

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 & Smlr Tons/Yr: 0

Year: 1998  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 3  
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 & Smlr Tons/Yr: 0

Year: 1999  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 3  
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 & Smlr Tons/Yr: 0

Year: 2000  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 3  
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 & Smlr Tons/Yr: 0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COIT DRAPERY & CARPET CLEANERS (Continued)**

**1000391848**

Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 20403  
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: 3  
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 & Smlr Tons/Yr: 0

**M73**  
**NNW**  
**1/8-1/4**  
**0.235 mi.**  
**1243 ft.**

**1304 LOGAN AVE**  
**COSTA MESA, CA 92626**  
**Site 5 of 7 in cluster M**

**EDR US Hist Auto Stat 1015202900**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**47 ft.**

EDR Historical Auto Stations:  
Name: ORANGE COAST AUTOMOTIVE  
Year: 1999  
Address: 1304 LOGAN AVE  
  
Name: ORANGE COAST AUTOMOTIVE  
Year: 2001  
Address: 1304 LOGAN AVE  
  
Name: ORANGE COAST AUTOMOTIVE  
Year: 2002  
Address: 1304 LOGAN AVE  
  
Name: ORANGE COAST AUTOMOTIVE  
Year: 2005  
Address: 1304 LOGAN AVE

**M74**  
**NNW**  
**1/8-1/4**  
**0.236 mi.**  
**1248 ft.**

**1306 LOGAN AVE**  
**COSTA MESA, CA 92626**  
**Site 6 of 7 in cluster M**

**EDR US Hist Auto Stat 1015203444**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**47 ft.**

EDR Historical Auto Stations:  
Name: M2 COLLISION CENTERS  
Year: 1999  
Address: 1306 LOGAN AVE  
  
Name: M2 COLLISION CENTERS  
Year: 2000  
Address: 1306 LOGAN AVE  
  
Name: M2 COLLISION CARE CENTERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

1015203444

Year: 2001  
Address: 1306 LOGAN AVE  
  
Name: M2 COLLISION CARE CENTERS  
Year: 2003  
Address: 1306 LOGAN AVE  
  
Name: M2 COLLISION CARE CENTERS  
Year: 2004  
Address: 1306 LOGAN AVE  
  
Name: M2 COLLISION CARE CENTERS  
Year: 2005  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE COLLISION BODY CRAFT  
Year: 2007  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE COLLISION BODYCRAFT  
Year: 2008  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE COLLISION BODYCRAFT  
Year: 2009  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE COLLISION BODYCRAFT  
Year: 2010  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE COLLISION BODYCRAFT  
Year: 2011  
Address: 1306 LOGAN AVE  
  
Name: ALLIANCE BODYCRAFT COLLISION  
Year: 2012  
Address: 1306 LOGAN AVE

M75  
NNW  
1/8-1/4  
0.236 mi.  
1248 ft.

**FREEWAY AUTO BODY**  
**1306 LOGAN AVE**  
**COSTA MESA, CA**  
**Site 7 of 7 in cluster M**

**RCRA-SQG 1000225209**  
**FINDS CAD982479008**

Relative:  
Lower

RCRA-SQG:  
Date form received by agency: 06/24/1988  
Facility name: FREEWAY AUTO BODY  
Facility address: 1306 LOGAN AVE  
COSTA MESA, CA 92626  
EPA ID: CAD982479008  
Mailing address: 1211 N BATAVIA  
ORANGE, CA 92667  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 1306 LOGAN AVE  
COSTA MESA, CA 92626  
Contact country: US  
Contact telephone: (714) 744-1090

Actual:  
47 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FREEWAY AUTO BODY (Continued)**

**1000225209**

Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MACKIE BRUCE OWNER  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002824114

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,

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**FREEWAY AUTO BODY (Continued)**

**1000225209**

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.

**76**  
**WNW**  
**1/8-1/4**  
**0.245 mi.**  
**1292 ft.**

**ORCHID CLEANERS**  
**1548 ADAMS**  
**COSTA MESA, CA**

**RCRA-SQG**  
**FINDS**  
**CA DRYCLEANERS**  
**CA HAZNET**

**1000241369**  
**CAD981669765**

**Relative:**  
**Lower**

RCRA-SQG:

**Actual:**  
**57 ft.**

Date form received by agency: 09/01/1996  
 Facility name: ORCHID CLEANERS  
 Facility address: 1548 ADAMS  
 COSTA MESA, CA 92626  
 EPA ID: CAD981669765  
 Contact: Not reported  
 Contact address: Not reported  
 Not reported  
 Contact country: Not reported  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 09  
 Land type: Facility is not located on Indian land. Additional information is not known.  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WON Y LEE  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: (415) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: (415) 555-1212  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
 Mixed waste (haz. and radioactive): No  
 Recycler of hazardous waste: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORCHID CLEANERS (Continued)**

**1000241369**

Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 11/18/1986  
Facility name: ORCHID CLEANERS  
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/16/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002744193

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.

DRYCLEANERS:

EPA Id: CAD981669765  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 04/10/1987  
Facility Active: Yes  
Inactive Date: Not reported  
Facility Addr2: Not reported  
Owner Name: YONG C KIM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORCHID CLEANERS (Continued)**

**1000241369**

Owner Address: 1548 ADAMS AVE STE G  
Owner Address 2: Not reported  
Owner Telephone: 7145491917  
Contact Name: YONG C KIM  
Contact Address: 1548 ADAMS AVE STE G  
Contact Address 2: Not reported  
Contact Telephone: 7145491917  
EDR Link ID: CAD981669765

**HAZNET:**

Year: 2008  
Gepaid: CAD981669765  
Contact: YONG C KIM  
Telephone: 7145491917  
Mailing Name: Not reported  
Mailing Address: 1548 ADAMS AVE STE G  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: NVR000076158  
TSD County: Not reported  
Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Disposal Method: Solvents Recovery  
Tons: 0.15  
Facility County: Orange

Year: 2006  
Gepaid: CAD981669765  
Contact: YONG C KIM  
Telephone: 7145491917  
Mailing Name: Not reported  
Mailing Address: 1548 ADAMS AVE #G  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: NVR000076158  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Not reported  
Tons: Not reported  
Facility County: Orange

Year: 2006  
Gepaid: CAD981669765  
Contact: YONG C KIM  
Telephone: 7145491917  
Mailing Name: Not reported  
Mailing Address: 1548 ADAMS AVE #G  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: NVR000076158  
TSD County: Not reported  
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)  
Disposal Method: Not reported  
Tons: Not reported  
Facility County: Orange

Year: 2006

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ORCHID CLEANERS (Continued)**

**1000241369**

Gepaid: CAD981669765  
 Contact: YONG C KIM  
 Telephone: 7145491917  
 Mailing Name: Not reported  
 Mailing Address: 1548 ADAMS AVE #G  
 Mailing City,St,Zip: COSTA MESA, CA 926260000  
 Gen County: Not reported  
 TSD EPA ID: NVR000076158  
 TSD County: Not reported  
 Waste Category: Not reported  
 Disposal Method: Not reported  
 Tons: Not reported  
 Facility County: Orange

Year: 2006  
 Gepaid: CAD981669765  
 Contact: YONG C KIM  
 Telephone: 7145491917  
 Mailing Name: Not reported  
 Mailing Address: 1548 ADAMS AVE #G  
 Mailing City,St,Zip: COSTA MESA, CA 926260000  
 Gen County: Not reported  
 TSD EPA ID: NVR000076158  
 TSD County: Not reported  
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
 Disposal Method: Not reported  
 Tons: 0.15  
 Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 23 additional CA\_HAZNET: record(s) in the EDR Site Report.

**N77**  
**SE**  
**1/4-1/2**  
**0.257 mi.**  
**1359 ft.**

**CITY OF COSTA MESA (POLICE DP)**  
**99 FAIR DR**  
**COSTA MESA, CA 92626**  
**Site 1 of 2 in cluster N**

**CA LUST S101609517**  
**CA FID UST N/A**

**Relative:**  
**Higher**

LUST:  
 Region: STATE  
 Global Id: T0605956166  
 Latitude: 33.663857  
 Longitude: -117.904675  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 07/15/2005  
 Lead Agency: ORANGE COUNTY LOP  
 Case Worker: DB  
 Local Agency: ORANGE COUNTY LOP  
 RB Case Number: Not reported  
 LOC Case Number: 02UT027  
 File Location: Local Agency Warehouse  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Gasoline  
 Site History: Not reported

**Actual:**  
**73 ft.**

Click here to access the California GeoTracker records for this facility:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF COSTA MESA (POLICE DP) (Continued)**

**S101609517**

Contact:

Global Id: T0605956166  
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: kwilliams@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605956166  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605956166  
Status: Completed - Case Closed  
Status Date: 07/15/2005

Global Id: T0605956166  
Status: Open - Case Begin Date  
Status Date: 10/24/2002

Global Id: T0605956166  
Status: Open - Remediation  
Status Date: 05/31/2005

Global Id: T0605956166  
Status: Open - Site Assessment  
Status Date: 10/24/2002

Regulatory Activities:

Global Id: T0605956166  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605956166  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Began

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 07/15/2005  
Action: Closure/No Further Action Letter

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 09/21/2004  
Action: Staff Letter



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF COSTA MESA (POLICE DP) (Continued)**

**S101609517**

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 10/24/2002  
Action: Notice of Responsibility

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 10/31/2002  
Action: Staff Letter

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 12/13/2002  
Action: Staff Letter

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 05/20/2003  
Action: Staff Letter

Global Id: T0605956166  
Action Type: ENFORCEMENT  
Date: 09/17/2004  
Action: Staff Letter

Global Id: T0605956166  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605956166  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Region: STATE  
Global Id: T0605954609  
Latitude: 33.663857  
Longitude: -117.904675  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 10/07/1987  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 87UT164  
File Location: Local Agency  
Potential Media Affect: Under Investigation  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:  
Global Id: T0605954609  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF COSTA MESA (POLICE DP) (Continued)**

**S101609517**

Contact Name: NONE  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: Not reported  
City: RIVERSIDE  
Email: Not reported  
Phone Number: Not reported

Global Id: T0605954609  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605954609  
Status: Completed - Case Closed  
Status Date: 10/07/1987

Global Id: T0605954609  
Status: Open - Case Begin Date  
Status Date: 10/07/1987

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 87UT164  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 10/07/1987  
Case Type: Undetermined  
Record ID: RO0002584

Region: ORANGE  
Facility Id: 02UT027  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 07/15/2005  
Case Type: Soil Only  
Record ID: RO0003115

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 87UT164  
Case Type: Undefined  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF COSTA MESA (POLICE DP) (Continued)**

**S101609517**

Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605954609  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 10/7/1987  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: Not reported  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30003635  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7146427952  
Mail To: Not reported  
Mailing Address: 77 FAIR DRIVE P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF COSTA MESA (POLICE DP) (Continued)**

**S101609517**

Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

**N78**  
**SE**  
 1/4-1/2  
 0.257 mi.  
 1359 ft.

**COSTA MESA POLICE DEPT**  
**99 FAIR DR**  
**COSTA MESA, CA 92626**

**CA LUST S102428401**  
**N/A**

**Site 2 of 2 in cluster N**

**Relative:**  
**Higher**

LUST REG 8:

Region: 8  
 County: Orange  
 Regional Board: Santa Ana Region  
 Facility Status: Pollution Characterization  
 Case Number: Not reported  
 Local Case Num: 02UT027  
 Case Type: Soil only  
 Substance: Gasoline  
 Qty Leaked: 0  
 Abate Method: Not reported  
 Cross Street: Not reported  
 Enf Type: EDFNL  
 Funding: Not reported  
 How Discovered: Tank Closure  
 How Stopped: New Tank  
 Leak Cause: Unknown  
 Leak Source: Tank  
 Global ID: T0605956166  
 How Stopped Date: 9/9/9999  
 Enter Date: Not reported  
 Review Date: Not reported  
 Prelim Assess: Not reported  
 Discover Date: 10/24/2002  
 Enforcement Date: Not reported  
 Close Date: Not reported  
 Workplan: Not reported  
 Pollution Char: 10/24/2002  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Enter Date: Not reported  
 GW Qualifies: Not reported  
 Soil Qualifies: =  
 Operator: Not reported  
 Facility Contact: Not reported  
 Interim: Not reported  
 Oversight Program: LUST  
 Latitude: 0  
 Longitude: 0  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Concentration: 0  
 Max MTBE Soil: .45  
 MTBE Fuel: 1

**Actual:**  
**73 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA POLICE DEPT (Continued)**

**S102428401**

MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: Not reported  
Staff Initials: AR  
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

79  
NW  
1/4-1/2  
0.270 mi.  
1425 ft.

**VILLA MARTINIQUE  
1425 VILLAGE WAY  
COSTA MESA, CA 92627**

**CA LUST S102440937  
N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
52 ft.**

Region: STATE  
Global Id: T0605900395  
Latitude: 33.6775506  
Longitude: -117.9171628  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 04/06/1987  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000495T  
LOC Case Number: 86UT094  
File Location: Local Agency  
Potential Media Affect: Under Investigation  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605900395  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605900395  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VILLA MARTINIQUE (Continued)**

**S102440937**

Status History:

Global Id: T0605900395  
Status: Completed - Case Closed  
Status Date: 04/06/1987

Global Id: T0605900395  
Status: Open - Case Begin Date  
Status Date: 04/06/1987

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 86UT094  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 04/06/1987  
Case Type: Undetermined  
Record ID: RO0003016

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000495T  
Local Case Num: 86UT094  
Case Type: Undefined  
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: T0605900395  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 4/6/1987  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VILLA MARTINIQUE (Continued)

S102440937

Oversite Program: LUST  
Latitude: 33.6774214  
Longitude: -117.917213  
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: AR  
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

80  
SSE  
1/4-1/2  
0.295 mi.  
1556 ft.

EXXON SERVICE STATION  
2490 FAIRVIEW  
COSTA MESA, CA 92626

CA LUST U001576798  
CA HIST UST N/A

Relative:  
Higher

LUST:  
Region: STATE  
Global Id: T0605900108  
Latitude: 33.663469  
Longitude: -117.90719  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 02/06/1996  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000143T  
LOC Case Number: 92UT064  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:  
Global Id: T0605900108  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605900108

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON SERVICE STATION (Continued)**

**U001576798**

Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605900108  
Status: Completed - Case Closed  
Status Date: 02/06/1996

Global Id: T0605900108  
Status: Open - Case Begin Date  
Status Date: 03/26/1992

Regulatory Activities:  
Global Id: T0605900108  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900108  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Region: STATE  
Global Id: T0605956876  
Latitude: 33.663458  
Longitude: -117.907226  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 03/27/1987  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 87UT064  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:  
Global Id: T0605956876  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON SERVICE STATION (Continued)**

**U001576798**

Global Id: T0605956876  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605956876  
Status: Completed - Case Closed  
Status Date: 03/27/1987

Global Id: T0605956876  
Status: Open - Case Begin Date  
Status Date: 03/27/1987

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 87UT064  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 03/27/1987  
Case Type: Soil Only  
Record ID: RO0002380

Region: ORANGE  
Facility Id: 92UT064  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 02/06/1996  
Case Type: Other Ground Water  
Record ID: RO0002487

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000143T  
Local Case Num: 92UT064  
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: T0605900108  
How Stopped Date: 9/9/9999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON SERVICE STATION (Continued)**

**U001576798**

Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 3/26/1992  
Enforcement Date: Not reported  
Close Date: 2/6/1996  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6635929  
Longitude: -117.9075627  
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: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 87UT064  
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: T0605956876  
How Stopped Date: 9/9/9999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON SERVICE STATION (Continued)**

**U001576798**

Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 3/27/1987  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: CAB  
Staff Initials: AR  
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

**HIST UST:**

Region: STATE  
Facility ID: 00000024023  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0004  
Contact Name: JACK BOTTS  
Telephone: 7145566281  
Owner Name: EXXON COMPANY U.S.A.  
Owner Address: 16945 NORTH CHASE BLVD.  
Owner City,St,Zip: HOUSTON, TX 77210  
  
Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON SERVICE STATION (Continued)**

**U001576798**

Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1964  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1964  
Tank Capacity: 00008000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1964  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**O81**  
**NNE**  
**1/4-1/2**  
**0.297 mi.**  
**1568 ft.**

**SHELL SERVICE STATION**  
**1201 E BAKER STREET**  
**COSTA MESA, CA 92626**  
**Site 1 of 4 in cluster O**

**RCRA-SQG 1000288493**  
**CA HIST CORTESE CAD981459225**  
**CA LUST**  
**CA FID UST**  
**CA SWEEPS UST**  
**CA EMI**

**Relative:**  
**Lower**

RCRA-SQG:

Date form received by agency: 02/26/2004

**Actual:**  
**43 ft.**

Facility name: SHELL SERVICE STATION  
Facility address: 1201 E BAKER STREET  
SAP #135203  
COSTA MESA, CA 92626  
EPA ID: CAD981459225  
Mailing address: SHELL OIL PRODUCTS US  
12700 NORTHBOROUGH DR MFT240G  
HOUSTON, TX 770672508

Contact: GARY V WING

Contact address: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: (714) 731-8337

Contact email: GVWING@SHELLOPUS.COM

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SHELL OIL PRODUCTS US  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 08/01/1998  
Owner/Op end date: Not reported

Owner/operator name: EQUILON ENTERPRISES LLC DBA SHELL OIL PR  
Owner/operator address: PO BOX 2648  
HOUSTON, TX 77252  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 08/01/1998  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/26/2004  
Facility name: SHELL SERVICE STATION  
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000  
Facility name: SHELL SERVICE STATION  
Site name: EQUILON ENTERPRISES LLC/SHELL STATION  
Classification: Large Quantity Generator

Date form received by agency: 04/08/1998  
Facility name: SHELL SERVICE STATION  
Site name: SHELL OIL CO  
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Facility name: SHELL SERVICE STATION  
Site name: SHELL OIL CO  
Classification: Small Quantity Generator

Date form received by agency: 02/24/1992  
Facility name: SHELL SERVICE STATION  
Site name: SHELL SVC.STA. #204-1818-0806  
Classification: Large Quantity Generator

Violation Status: No violations found

**CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002079T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002300T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002821T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000579T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000371T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001319T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001195T

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002935T

**LUST:**

Region: STATE  
Global Id: T0605900296  
Latitude: 33.6800094  
Longitude: -117.9079587

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Case Type: LUST Cleanup Site  
Status: Open - Remediation  
Status Date: 10/15/2001  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000371T  
LOC Case Number: 86UT121  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
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.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605900296  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605900296  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605900296  
Status: Open - Case Begin Date  
Status Date: 02/19/1987

Global Id: T0605900296  
Status: Open - Remediation  
Status Date: 10/15/2001

Regulatory Activities:

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 02/23/2007  
Action: Staff Letter

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 07/05/2007  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	03/26/2007
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	03/16/2007
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	02/09/2007
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	03/17/2003
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	10/31/2008
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	08/28/2008
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	07/15/2009
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	07/05/2013
Action:	Notification - Public Notice of ROD/RAP/CAP
Global Id:	T0605900296
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605900296
Action Type:	RESPONSE
Date:	03/05/2012
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	10/08/2010
Action:	File review
Global Id:	T0605900296
Action Type:	ENFORCEMENT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Date:	10/21/2011
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	03/20/1987
Action:	Notice of Responsibility
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	02/14/2003
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	05/22/2003
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	01/29/2008
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	10/10/2006
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	04/04/2013
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605900296
Action Type:	RESPONSE
Date:	04/24/2010
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0605900296
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	10/31/2012
Action:	Staff Letter
Global Id:	T0605900296
Action Type:	ENFORCEMENT
Date:	05/12/2008
Action:	Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Global Id: T0605900296  
Action Type: RESPONSE  
Date: 05/14/2013  
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 04/06/2009  
Action: Staff Letter

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 06/30/2011  
Action: File review

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 01/25/2011  
Action: File review

Global Id: T0605900296  
Action Type: ENFORCEMENT  
Date: 04/20/2011  
Action: File review

Global Id: T0605900296  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 86UT121  
Current Status: 5R  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: Not reported  
Case Type: Other Ground Water  
Record ID: RO0001212

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remediation Plan  
Case Number: 083000371T  
Local Case Num: 86UT121  
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: OM  
How Stopped: NPP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Leak Cause: Unknown  
Leak Source: Piping  
Global ID: T0605900296  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 2/19/1987  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: 10/15/2001  
Remed Action: Not reported  
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: 33.6800094  
Longitude: -117.9079587  
MTBE Date: 8/6/2002  
Max MTBE GW: 160  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: CAB  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30000460  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145458171  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Active  
Comp Number: 2065  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002065-000001  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: Active  
Comp Number: 2065  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002065-000007  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: LEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2065  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002065-000008  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1000288493**

Comp Number: 2065  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002065-000009  
Actv Date: Not reported  
Capacity: 550  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: Not reported

EMI:

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 151315  
Air District Name: SC  
SIC Code: 8711  
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: .4894163598913329659  
Reactive Organic Gases Tons/Yr: .085  
Carbon Monoxide Emissions Tons/Yr: .395  
NOX - Oxides of Nitrogen Tons/Yr: 1.467  
SOX - Oxides of Sulphur Tons/Yr: .007  
Particulate Matter Tons/Yr: .085  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .085

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 151315  
Air District Name: SC  
SIC Code: 8711  
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: .4894163598913329659  
Reactive Organic Gases Tons/Yr: .085  
Carbon Monoxide Emissions Tons/Yr: .395  
NOX - Oxides of Nitrogen Tons/Yr: 1.467  
SOX - Oxides of Sulphur Tons/Yr: .007  
Particulate Matter Tons/Yr: .085  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .085

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O82**      **EXXON #7-0865**  
**NNE**      **1195 BAKER ST**  
**1/4-1/2**    **COSTA MESA, CA 92626**  
**0.299 mi.**  
**1580 ft.**    **Site 2 of 4 in cluster O**

**CA HIST CORTESE**    **U003779131**  
**CA LUST**            **N/A**  
**CA FID UST**  
**CA UST**  
**CA HIST UST**  
**CA SWEEPS UST**

**Relative:**  
**Lower**

**CORTESE:**  
Region:                    **CORTESE**  
Facility County Code:    **30**  
Reg By:                    **LTNKA**  
Reg Id:                    **083002125T**

**Actual:**  
**42 ft.**

**LUST REG 8:**

Region:                    **8**  
County:                    **Orange**  
Regional Board:          **Santa Ana Region**  
Facility Status:          **Post remedial action monitoring**  
Case Number:             **083002125T**  
Local Case Num:          **92UT078**  
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:          **SA**  
How Stopped:             **Other Means**  
Leak Cause:               **Unknown**  
Leak Source:              **D**  
Global ID:                 **T0605901565**  
How Stopped Date:        **9/9/9999**  
Enter Date:               **Not reported**  
Review Date:              **Not reported**  
Prelim Assess:           **Not reported**  
Discover Date:            **5/5/1992**  
Enforcement Date:        **Not reported**  
Close Date:               **Not reported**  
Workplan:                 **Not reported**  
Pollution Char:          **Not reported**  
Remed Plan:               **Not reported**  
Remed Action:            **6/4/1998**  
Monitoring:               **12/10/2003**  
Enter Date:               **Not reported**  
GW Qualifies:            **=**  
Soil Qualifies:           **=**  
Operator:                 **Not reported**  
Facility Contact:         **Not reported**  
Interim:                  **Not reported**  
Oversite Program:        **LUST**  
Latitude:                  **33.6800184**  
Longitude:                **-117.9073477**  
MTBE Date:                **8/7/2002**  
Max MTBE GW:            **945**  
MTBE Concentration:    **0**  
Max MTBE Soil:           **.0138**  
MTBE Fuel:                **1**  
MTBE Tested:             **MTBE Detected. Site tested for MTBE & MTBE detected**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**U003779131**

MTBE Class: \*  
Staff: CAB  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30001317  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7144328161  
Mail To: Not reported  
Mailing Address: CONSTRUCTION & MAINT  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**UST:**

Facility ID: 6372  
Latitude: 33.6801  
Longitude: -117.90726

**ORANGE CO. UST:**

Facility ID: FA0053327

**HIST UST:**

Region: STATE  
Facility ID: 00000024062  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0003  
Contact Name: F.C. APELES  
Telephone: 7147548285  
Owner Name: EXXON COMPANY U.S.A.  
Owner Address: 16945 NORTHCHASE BLVD.  
Owner City,St,Zip: HOUSTON, TX 77210

Tank Num: 001  
Container Num: 1  
Year Installed: 1982  
Tank Capacity: 00010000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**U003779131**

Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Tank Construction: Not reported  
Leak Detection: Stock Inventor

**SWEEPS UST:**

Status: Active  
Comp Number: 6372  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006372-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 6372  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006372-000002  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**U003779131**

Status: Active  
Comp Number: 6372  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006372-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**O83**  
**NNE**  
**1/4-1/2**  
**0.300 mi.**  
**1582 ft.**

**EXXON #7-0865**  
**1195 BAKER ST**  
**COSTA MESA, CA 92626**  
**Site 3 of 4 in cluster O**

**CA LUST S103955052**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**42 ft.**

Region: STATE  
Global Id: T0605901565  
Latitude: 33.6800184  
Longitude: -117.9073477  
Case Type: LUST Cleanup Site  
Status: Open - Eligible for Closure  
Status Date: 03/21/2013  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002125T  
LOC Case Number: 92UT078  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
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.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901565  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605901565  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**S103955052**

Contact Name: CARL BERNHARDT  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Status History:

Global Id: T0605901565  
Status: Open - Case Begin Date  
Status Date: 05/05/1992

Global Id: T0605901565  
Status: Open - Eligible for Closure  
Status Date: 03/21/2013

Global Id: T0605901565  
Status: Open - Remediation  
Status Date: 06/04/1998

Global Id: T0605901565  
Status: Open - Remediation  
Status Date: 05/01/2005

Global Id: T0605901565  
Status: Open - Verification Monitoring  
Status Date: 12/10/2003

Regulatory Activities:

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 04/15/2011  
Action: File review

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 05/26/2004  
Action: Staff Letter

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 12/21/2005  
Action: Staff Letter

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 10/20/2009  
Action: Staff Letter

Global Id: T0605901565  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605901565  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**S103955052**

Date:	11/05/2012
Action:	Staff Letter
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	04/26/2010
Action:	Staff Letter
Global Id:	T0605901565
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Other (Use Description Field)
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	10/19/2010
Action:	File review
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	07/01/2011
Action:	File review
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	07/15/2010
Action:	File review
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	02/13/2007
Action:	Staff Letter
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	07/13/2009
Action:	Staff Letter
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	09/17/2010
Action:	Staff Letter
Global Id:	T0605901565
Action Type:	RESPONSE
Date:	03/01/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	06/16/1992
Action:	Notice of Responsibility
Global Id:	T0605901565
Action Type:	ENFORCEMENT
Date:	07/08/2003
Action:	Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #7-0865 (Continued)**

**S103955052**

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 03/12/2004  
Action: Staff Letter

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 04/05/2005  
Action: Staff Letter

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 10/03/2005  
Action: Staff Letter

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 08/13/2007  
Action: Staff Letter

Global Id: T0605901565  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901565  
Action Type: ENFORCEMENT  
Date: 01/12/2011  
Action: File review

Global Id: T0605901565  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Global Id: T0605901565  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 92UT078  
Current Status: Post Remedial Action  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: Not reported  
Case Type: Other Ground Water  
Record ID: RO0002795

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**O84**      **CHEVRON STATION 9 9915**  
**NNE**      **3000 FAIRVIEW**  
**1/4-1/2**    **COSTA MESA, CA**  
**0.301 mi.**  
**1588 ft.**    **Site 4 of 4 in cluster O**

**RCRA-SQG**    **1000820393**  
**FINDS**        **CAD983664285**  
**CA LUST**  
**CA FID UST**  
**CA UST**  
**CA SWEEPS UST**  
**CA CHMIRS**

**Relative:**  
**Lower**

**Actual:**  
**42 ft.**

**RCRA-SQG:**  
Date form received by agency: 06/17/2002  
Facility name: CHEVRON STATION NO 99915  
Facility address: 3000 FAIRVIEW ST  
COSTA MESA, CA 92627  
EPA ID: CAD983664285  
Mailing address: P O BOX 6004  
SAN RAMON, CA 94583  
Contact: KATHY NORRIS  
Contact address: P O BOX 6004  
SAN RAMON, CA 94583  
Contact country: US  
Contact telephone: (925) 842-5931  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**  
Owner/operator name: CHEVRON PRODUCTS CO  
Owner/operator address: P O BOX 6004  
SAN RAMON, CA 94583  
Owner/operator country: Not reported  
Owner/operator telephone: (925) 842-5931  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**  
U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Hazardous Waste Summary:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018  
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110002896313

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.

LUST:

Region: STATE  
Global Id: T0605958326  
Latitude: 33.680482  
Longitude: -117.907336  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 09/17/1999  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 98UT069  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605958326  
Contact Type: Regional Board Caseworker  
Contact Name: TOM E. MBEKE-EKANEM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: tmbeke-ekanem@waterboards.ca.gov  
Phone Number: 9513202007

Global Id: T0605958326  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605958326  
Status: Completed - Case Closed  
Status Date: 09/17/1999

Global Id: T0605958326  
Status: Open - Case Begin Date  
Status Date: 09/17/1998

Regulatory Activities:

Global Id: T0605958326  
Action Type: ENFORCEMENT  
Date: 08/27/1999  
Action: LOP Case Closure Summary to RB

Global Id: T0605958326  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605958326  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605958326  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Region: STATE  
Global Id: T0605900880  
Latitude: 33.680467  
Longitude: -117.907353  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/22/1998  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

RB Case Number: 083001116T  
LOC Case Number: 88UT172  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605900880  
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: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Global Id: T0605900880  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605900880  
Status: Completed - Case Closed  
Status Date: 01/22/1998

Global Id: T0605900880  
Status: Open - Case Begin Date  
Status Date: 10/18/1988

Regulatory Activities:

Global Id: T0605900880  
Action Type: ENFORCEMENT  
Date: 11/06/1997  
Action: LOP Case Closure Summary to RB

Global Id: T0605900880  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605900880  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Global Id: T0605900880  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Global Id: T0605900880  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 98UT069  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 09/17/1999  
Case Type: Other Ground Water  
Record ID: RO0002739

Region: ORANGE  
Facility Id: 88UT172  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 01/22/1998  
Case Type: Other Ground Water  
Record ID: RO0002968

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001116T  
Local Case Num: 88UT172  
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: T0605900880  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/18/1988  
Enforcement Date: Not reported  
Close Date: 1/22/1998  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.6802524  
Longitude: -117.9074327  
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: RS  
Staff Initials: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 98UT069  
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: T0605958326  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 9/17/1998  
Enforcement Date: Not reported  
Close Date: 9/17/1999  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

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: AR  
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

**CA FID UST:**

Facility ID: 30000883  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145467000  
Mail To: Not reported  
Mailing Address: 1300 S BCH BLVD / P O BOX 2  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**UST:**

Facility ID: 2076  
Latitude: 33.68014  
Longitude: -117.90769

**ORANGE CO. UST:**

Facility ID: FA0025153

**SWEEPS UST:**

Status: Active  
Comp Number: 2076

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Number: 9  
Board Of Equalization: 44-015896  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002076-000001  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 4

Status: Active  
Comp Number: 2076  
Number: 9  
Board Of Equalization: 44-015896  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002076-000004  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2076  
Number: 9  
Board Of Equalization: 44-015896  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002076-000005  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2076  
Number: 9  
Board Of Equalization: 44-015896  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002076-000006  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**CHMIRS:**

OES Incident Number: 11-7094  
OES notification: 11/30/2011  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
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  
Comments: 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: Pt.(s)  
Other: Not reported  
Date/Time: 1058

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Year: 2011  
Agency: Chevron  
Incident Date: 11/29/2000  
Admin Agency: Orange County Emergency Management Division - HazMat Div.  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Gasoline  
Quantity Released: 1.5  
BBLS: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: CALLER STATED THAT THERE WAS A RELEASE OF ONE AND A HALF PINTS OF GASOLINE FROM A GASOLINE NOZZLE AT A GAS STATION. CALLER ALSO STATED THAT THE RELEASE HAS BEEN SECURED AND THE GAS NOZZLE HAS BEEN TAKEN OUT OF SERVICE.

OES Incident Number: 11-4905  
OES notification: 08/18/2011  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Service Station  
Cleanup By: Unknown  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Pt.(s)  
Other: Not reported  
Date/Time: 1030  
Year: 2011  
Agency: Chevron  
Incident Date: 8/17/2011  
Admin Agency: Orange County Emergency Management Division - HazMat Div.  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Gasoline  
Quantity Released: 1.5  
BBLs: Not reported  
Cups: Not reported  
CUFT: Not reported  
Gallons: Not reported  
Grams: Not reported  
Pounds: Not reported  
Liters: Not reported  
Ounces: Not reported  
Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: A customer spilled gasoline on the ground.  
  
OES Incident Number: '12-2156  
OES notification: 04/12/2012  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

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
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personnel # Of Decontaminated:	Not reported
Responding Agency Personnel # Of Injuries:	Not reported
Responding Agency Personnel # 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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Person on-site
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2200
Year:	2012
Agency:	Chevron
Incident Date:	4/10/2012
Admin Agency:	Orange County Emergency Management Division - HazMat Div.
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	. 5
BBLs:	Not reported
Cups:	Not reported
CUFT:	Not reported
Gallons:	Not reported
Grams:	Not reported
Pounds:	Not reported
Liters:	Not reported
Ounces:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION 9 9915 (Continued)**

**1000820393**

Pints: Not reported  
Quarts: Not reported  
Sheen: Not reported  
Tons: Not reported  
Unknown: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
Description: Per the Caller: "Caller is reporting a release of gasoline at a gas station. Approximately . 5 gallon spilled on to the ground." REMEDIAL ACTIONS: Cleaned up by employee.

**P85  
NW  
1/4-1/2  
0.306 mi.  
1614 ft.**

**COSTA MESA HONDA  
2888 HARBOR BLVD  
COSTA MESA, CA 92626**

**Site 1 of 4 in cluster P**

**RCRA-SQG 1000405638  
CA HIST CORTESE CAD981968050  
CA LUST  
CA UST  
CA HIST UST  
CA HAZNET  
CA EMI**

**Relative:  
Lower**

**Actual:  
53 ft.**

RCRA-SQG:  
Date form received by agency: 11/23/1992  
Facility name: COSTA MESA HONDA  
Facility address: 2888 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD981968050  
Contact: DAVID COPE  
Contact address: 2888 HARBOR BLVD  
COSTA MESA, CA 92626  
Contact country: US  
Contact telephone: (714) 436-5050  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:  
Owner/operator name: ED WEST CO  
Owner/operator address: 2888 HARBOR BLVD  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 436-5050  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported  
  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000379T

**LUST:**

Region: STATE  
Global Id: T0605900302  
Latitude: 33.676842  
Longitude: -117.917988  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/21/1992  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000379T  
LOC Case Number: 86UT229  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605900302  
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: rscott@waterboards.ca.gov

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

Phone Number: 9513206375  
  
Global Id: T0605900302  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605900302  
Status: Completed - Case Closed  
Status Date: 01/21/1992  
  
Global Id: T0605900302  
Status: Open - Case Begin Date  
Status Date: 12/11/1986

Regulatory Activities:  
Global Id: T0605900302  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery  
  
Global Id: T0605900302  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:  
Region: ORANGE  
Facility Id: 86UT229  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 01/21/1992  
Case Type: Soil Only  
Record ID: RO0001416

LUST REG 8:  
Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000379T  
Local Case Num: 86UT229  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: Not reported  
Funding: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605900302  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 12/11/1986  
Enforcement Date: Not reported  
Close Date: 1/21/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6757194  
Longitude: -117.919086  
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: RS  
Staff Initials: AR  
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

**UST:**

Facility ID: 1900  
Latitude: 33.67707  
Longitude: -117.9192

**HIST UST:**

Region: STATE  
Facility ID: 00000005679  
Facility Type: Other  
Other Type: NEW CAR DEALER  
Total Tanks: 0003  
Contact Name: TOM SIMONS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

Telephone: 7145400330  
Owner Name: SOUTH COAST DODGE INC.  
Owner Address: 2888 HARBOR BL.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00000250  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual

**HAZNET:**

Year: 2012  
Gepaid: CAD981968050  
Contact: JON MARTIN/SERVICE MGR.  
Telephone: 7144365050  
Mailing Name: Not reported  
Mailing Address: 2888 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926263911  
Gen County: Orange  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.15  
Facility County: Orange

Year: 2012  
Gepaid: CAD981968050  
Contact: JON MARTIN/SERVICE MGR.  
Telephone: 7144365050  
Mailing Name: Not reported  
Mailing Address: 2888 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926263911  
Gen County: Orange

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.15  
Facility County: Orange

Year: 2012  
Gepaid: CAD981968050  
Contact: JON MARTIN/SERVICE MGR.  
Telephone: 7144365050  
Mailing Name: Not reported  
Mailing Address: 2888 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926263911  
Gen County: Orange

TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.175  
Facility County: Orange

Year: 2012  
Gepaid: CAD981968050  
Contact: JON MARTIN/SERVICE MGR.  
Telephone: 7144365050  
Mailing Name: Not reported  
Mailing Address: 2888 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926263911  
Gen County: Orange  
TSD EPA ID: CAT000613893  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.175  
Facility County: Orange

Year: 2012  
Gepaid: CAD981968050  
Contact: JON MARTIN/SERVICE MGR.  
Telephone: 7144365050  
Mailing Name: Not reported  
Mailing Address: 2888 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926263911  
Gen County: Orange  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Not reported  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 8.34  
Facility County: Orange

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COSTA MESA HONDA (Continued)**

**1000405638**

[Click this hyperlink](#) while viewing on your computer to access  
 81 additional CA\_HAZNET: record(s) in the EDR Site Report.

**EMI:**

Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	26008
Air District Name:	SC
SIC Code:	7538
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 & Smlr Tons/Yr:	0

**Q86**  
**NNE**  
 1/4-1/2  
 0.307 mi.  
 1622 ft.

**BAKER EQUIP RENTALS & SALES**  
**1151 BAKER ST**  
**COSTA MESA, CA 92626**  
 Site 1 of 2 in cluster Q

**CA HIST CORTESE**  
**CA LUST**  
**CA UST**  
**CA HIST UST**  
**CA WDS**

**U003981969**  
**N/A**

**Relative:**  
**Lower**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 30  
 Reg By: LTNKA  
 Reg Id: 083001490T

**Actual:**  
**41 ft.**

Region: CORTESE  
 Facility County Code: 30  
 Reg By: LTNKA  
 Reg Id: 083002674T

**LUST:**

Region:	STATE
Global Id:	T0605901135
Latitude:	33.6800304
Longitude:	-117.9057937
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/03/2006
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	DB
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083001490T
LOC Case Number:	90UT068
File Location:	Local Agency Warehouse
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BAKER EQUIP RENTALS & SALES (Continued)**

**U003981969**

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901135  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605901135  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901135  
Status: Completed - Case Closed  
Status Date: 11/03/2006

Global Id: T0605901135  
Status: Open - Case Begin Date  
Status Date: 03/12/1990

Global Id: T0605901135  
Status: Open - Remediation  
Status Date: 02/25/2002

Global Id: T0605901135  
Status: Open - Verification Monitoring  
Status Date: 03/30/2005

**Regulatory Activities:**

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 11/03/2006  
Action: Closure/No Further Action Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 05/27/2004  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 04/18/2005  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BAKER EQUIP RENTALS & SALES (Continued)**

**U003981969**

Date: 09/22/2006  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 04/09/1990  
Action: Notice of Responsibility

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 08/04/2003  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 08/09/2004  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 11/04/2004  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 08/18/2005  
Action: Staff Letter

Global Id: T0605901135  
Action Type: ENFORCEMENT  
Date: 10/26/2005  
Action: Staff Letter

Global Id: T0605901135  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605901135  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605901135  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901135  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 90UT068

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BAKER EQUIP RENTALS & SALES (Continued)**

**U003981969**

Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 11/03/2006  
Case Type: Other Ground Water  
Record ID: RO0002542

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remedial action (cleanup) Underway  
Case Number: 083001490T  
Local Case Num: 90UT068  
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: T0605901135  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 3/12/1990  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: 2/25/2002  
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: 33.6800304  
Longitude: -117.9057937  
MTBE Date: 9/5/2001  
Max MTBE GW: 17100  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: CAB  
Staff Initials: AR  
Lead Agency: Local Agency  
Local Agency: 30000L

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BAKER EQUIP RENTALS & SALES (Continued)**

**U003981969**

Hydr Basin #: Not reported  
Beneficial: MUN  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

UST:

Facility ID: 2830  
Latitude: 33.6801  
Longitude: -117.90555

HIST UST:

Region: STATE  
Facility ID: 00000016463  
Facility Type: Other  
Other Type: Not reported  
Total Tanks: 0002  
Contact Name: Not reported  
Telephone: 714545521  
Owner Name: ANTHONY M BERINGER  
Owner Address: 3055 CAPRILANE  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: 11960  
Year Installed: 1961  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: 1960  
Tank Capacity: 00007000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: Not reported  
Leak Detection: None

CA WDS:

Facility ID: Santa Ana River 303367001  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAG918001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 8  
Facility Telephone: 714545521

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BAKER EQUIP RENTALS & SALES (Continued)**

**U003981969**

Facility Contact: ANTHONY BERINGER  
 Agency Name: BAKER RENTALS AND SALES INC.  
 Agency Address: 1151 BAKER STREET  
 Agency City,St,Zip: COSTA MESA 92626  
 Agency Contact: ANTHONY BERINGER  
 Agency Telephone: 7145455521  
 Agency Type: Private  
 SIC Code: 4959  
 SIC Code 2: Not reported  
 Primary Waste: Contaminated Ground Water  
 Primary Waste Type: Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: No reclamation requirements associated with this facility.  
 POTW: The facility is not a POTW.  
 Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.  
 Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

87  
 SW  
 1/4-1/2  
 0.309 mi.  
 1629 ft.

**ORANGE COAST JEEP EAGLE  
 2524 HARBOR BLVD  
 COSTA MESA, CA 92626**

**RCRA-SQG 1000315108  
 FINDS CAD070306766  
 CA HIST CORTESE  
 CA LUST  
 CA UST  
 CA HIST UST**

**Relative:  
 Higher**

RCRA-SQG:

**Actual:  
 71 ft.**

Date form received by agency: 09/01/1996  
 Facility name: ORANGE COAST JEEP EAGLE  
 Facility address: 2524 HARBOR BLVD  
 COSTA MESA, CA 92626  
 EPA ID: CAD070306766  
 Contact: Not reported  
 Contact address: Not reported  
 Contact country: Not reported  
 Contact telephone: Not reported  
 Contact email: Not reported  
 EPA Region: 09  
 Land type: Private  
 Classification: Small Small Quantity Generator  
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST JEEP EAGLE (Continued)**

**1000315108**

Owner/Operator Summary:

Owner/operator name: GARY GRAY  
Owner/operator address: 2524 HARBOR BLVD  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 549-8023  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/19/1993  
Facility name: ORANGE COAST JEEP EAGLE  
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 06/22/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002656135

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST JEEP EAGLE (Continued)**

**1000315108**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

**CORTESE:**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001399T

**LUST:**

Region: STATE  
Global Id: T0605901055  
Latitude: 33.66433  
Longitude: -117.918371  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/27/1990  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001399T  
LOC Case Number: 90UT004  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605901055  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605901055  
Contact Type: Regional Board Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST JEEP EAGLE (Continued)**

**1000315108**

Contact Name: PATRICIA HANNON  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: phannon@waterboards.ca.gov  
Phone Number: Not reported

Status History:

Global Id: T0605901055  
Status: Completed - Case Closed  
Status Date: 08/27/1990

Global Id: T0605901055  
Status: Open - Case Begin Date  
Status Date: 09/07/1989

Regulatory Activities:

Global Id: T0605901055  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901055  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 90UT004  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 08/27/1990  
Case Type: Soil Only  
Record ID: RO0002615

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001399T  
Local Case Num: 90UT004  
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  
Leak Cause: Unknown  
Leak Source: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST JEEP EAGLE (Continued)**

**1000315108**

Global ID: T0605901055  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 9/7/1989  
Enforcement Date: Not reported  
Close Date: 8/27/1990  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6637978  
Longitude: -117.91915  
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: AR  
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

UST:

Facility ID: 1838  
Latitude: 33.6645  
Longitude: -117.9191

HIST UST:

Region: STATE  
Facility ID: 00000004672  
Facility Type: Other  
Other Type: AUTO DEALERSHIP  
Total Tanks: 0001  
Contact Name: GARY C. GRAY  
Telephone: 7145498023  
Owner Name: ORANGE COAST AMC/JEEP, INC  
Owner Address: 2524 HARBOR BLVD  
Owner City,St,Zip: COSTA MESA, CA 92626



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ORANGE COAST JEEP EAGLE (Continued)**

**1000315108**

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: Visual

**R88  
ESE  
1/4-1/2  
0.320 mi.  
1691 ft.**

**SANTA ANA ARMY AIR BASE  
COSTA MESA, CA  
Site 1 of 2 in cluster R**

**FUDS 1009484289  
N/A**

**Relative:  
Higher**

FUDS:

Federal Facility ID: CA9799F5616  
FUDS #: J09CA0614  
INST ID: 53886  
Facility Name: SANTA ANA ARMY AIR BASE  
City: COSTA MESA  
State: CA  
EPA Region: 09  
County: ORANGE  
Congressional District: 46  
US Army District: Los Angeles District (SPL)  
Fiscal Year: 2011  
Telephone: 213-452-3920  
NPL Status: Not Listed  
RAB: Not reported  
CTC: 914.9  
Current Owner: FEDERAL; PRIVATE  
Current Prog: Not reported  
Future Prog: Not reported

**Actual:  
62 ft.**

Description: The Santa Ana Army Air Base consisted of 1336.102 acres. This was made up of 909.453 acres acquired in fee, by condemnation and purchase, 420.74 acres acquired by lease, 5.771 acres acquired by easement, and 0.138 acres. The site is located in the City of Costa Mesa, Orange County, California. The site, at present, contains the Orange County Fairgrounds, Costa Mesa City Hall, Orange Coast College, Pacific Amphitheater, Southern California Bible College, Air National Guard Station, and several residential and retail tracts. Some of the original buildings were renovated and are being used by the present owners. The lease was terminated when the fee land was conveyed to the College. The Army Air Corps used the site as a pilot training facility between March 1942 and October 1944. It then became a redistribution center and convalescent hospital and later was a discharge station for returning soldiers. The base was built to serve 20,000 personnel. Finally, before it closed in March 1946, it was a discharge station for soldiers returning from the Pacific. The former site was sold to various entities - Orange Coast College, 32nd Agricultural, and Southern California Bible College. The site currently consists of many residential and retail tracts with approximately 2,800 owners

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

89  
West  
1/4-1/2  
0.323 mi.  
1706 ft.

**COSTA MESA FIRE STATION #1**  
**2803 ROYAL PALM**  
**COSTA MESA, CA 92626**

**CA LUST** **S103956864**  
**N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**58 ft.**

Region: STATE  
Global Id: T0605938376  
Latitude: 33.673955  
Longitude: -117.922348  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/28/2011  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 02UT026  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil  
Potential Contaminants of Concern: Gasoline  
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.

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605938376  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Global Id: T0605938376  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605938376  
Status: Completed - Case Closed  
Status Date: 06/28/2011

Global Id: T0605938376  
Status: Open - Case Begin Date  
Status Date: 10/16/2002

Global Id: T0605938376  
Status: Open - Remediation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Status Date: 10/31/2008  
  
Global Id: T0605938376  
Status: Open - Site Assessment  
Status Date: 11/05/2002  
  
Global Id: T0605938376  
Status: Open - Verification Monitoring  
Status Date: 06/14/2010

Regulatory Activities:

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 04/13/2009  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 04/06/2005  
Action: Staff Letter - #2

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 07/03/2007  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 12/02/2002  
Action: Staff Letter

Global Id: T0605938376  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 12/30/2009  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 04/26/2010  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 07/03/2009  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 03/07/2005  
Action: Staff Letter

Global Id: T0605938376

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Action Type:	ENFORCEMENT
Date:	03/23/2005
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	04/06/2005
Action:	Staff Letter - #1
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	06/13/2005
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	09/26/2005
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	11/28/2006
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	05/21/2007
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	09/24/2007
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	09/21/2004
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	06/28/2011
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	10/21/2002
Action:	Notice of Responsibility
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	10/31/2002
Action:	Staff Letter
Global Id:	T0605938376
Action Type:	ENFORCEMENT
Date:	05/16/2003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 09/17/2004  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 12/13/2004  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 01/22/2009  
Action: Staff Letter

Global Id: T0605938376  
Action Type: ENFORCEMENT  
Date: 05/02/2011  
Action: Staff Letter

Global Id: T0605938376  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605938376  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Global Id: T0605938376  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Region: STATE  
Global Id: T0605952190  
Latitude: 33.673955  
Longitude: -117.922348  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 10/07/1987  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: Not reported  
LOC Case Number: 87UT162  
File Location: Local Agency  
Potential Media Affect: Under Investigation  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Contact:

Global Id: T0605952190  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605952190  
Contact Type: Regional Board Caseworker  
Contact Name: NONE  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: Not reported  
City: RIVERSIDE  
Email: Not reported  
Phone Number: Not reported

Status History:

Global Id: T0605952190  
Status: Completed - Case Closed  
Status Date: 10/07/1987

Global Id: T0605952190  
Status: Open - Case Begin Date  
Status Date: 10/07/1987

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 87UT162  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 10/07/1987  
Case Type: Undetermined  
Record ID: RO0002538

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Pollution Characterization  
Case Number: Not reported  
Local Case Num: 02UT026  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: EDFNL  
Funding: Not reported  
How Discovered: UM  
How Stopped: Other Means  
Leak Cause: Unknown

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Leak Source: Unknown  
Global ID: T0605938376  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/16/2002  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: 11/5/2002  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: =  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 0  
Longitude: 0  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0  
Max MTBE Soil: 350  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: VJJ  
Staff Initials: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: Not reported  
Local Case Num: 87UT162  
Case Type: Undefined  
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COSTA MESA FIRE STATION #1 (Continued)**

**S103956864**

Leak Source: Unknown  
 Global ID: T0605952190  
 How Stopped Date: 9/9/9999  
 Enter Date: Not reported  
 Review Date: Not reported  
 Prelim Assess: Not reported  
 Discover Date: 1/1/1965  
 Enforcement Date: Not reported  
 Close Date: 10/7/1987  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 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  
 Oversight 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: Not reported  
 Staff Initials: AR  
 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

**R90**  
**ESE**  
**1/4-1/2**  
**0.323 mi.**  
**1708 ft.**

**SANTA ANA AAB**  
**COSTA MESA, CA**  
**Site 2 of 2 in cluster R**

**CA ENVIROSTOR** **S107737267**  
**N/A**

**Relative:**  
**Higher**

ENVIROSTOR:  
 Site Type: Military Evaluation  
 Site Type Detailed: FUDS  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Not reported  
 Supervisor: Douglas Bautista  
 Division Branch: Cleanup Cypress  
 Facility ID: 80000467

**Actual:**  
**62 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SANTA ANA AAB (Continued)**

**S107737267**

Site Code: Not reported  
Assembly: 74  
Senate: 37  
Special Program: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 07/01/2005  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: DERA  
Latitude: 33.66694  
Longitude: -117.9002  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CA99799F561600  
Alias Type: Federal Facility ID  
Alias Name: J09CA0614  
Alias Type: INPR  
Alias Name: 80000467  
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

**P91**  
**NW**  
**1/4-1/2**  
**0.338 mi.**  
**1784 ft.**

**SOUTH COAST ACURA**  
**2925 HARBOR BLVD**  
**COSTA MESA, CA**  
**Site 2 of 4 in cluster P**

**RCRA NonGen / NLR** **1000818803**  
**FINDS** **CAD983647165**  
**CA HIST CORTESE**  
**CA LUST**  
**CA HAZNET**

**Relative:**  
**Lower**

RCRA NonGen / NLR:  
Date form received by agency: 06/21/2006  
Facility name: SOUTH COAST ACURA  
Facility address: 2925 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD983647165  
Contact: STEPHANIE BARRETT  
Contact address: 2925 HARBOR BLVD  
COSTA MESA, CA 92626  
Contact country: US  
Contact telephone: 714-979-2500  
Contact email: Not reported

**Actual:**  
**53 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH COAST ACURA (Continued)**

**1000818803**

EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: HUNTINGTON BEACH IMPORTS  
Owner/operator address: 2925 HARBOR BLVD  
COSTA MESA, CA 92626  
Owner/operator country: Not reported  
Owner/operator telephone: (714) 979-2500  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/18/1994  
Facility name: SOUTH COAST ACURA  
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002883808

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.

CORTESE:

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH COAST ACURA (Continued)**

**1000818803**

Reg Id: 083001590T

LUST:

Region: STATE  
Global Id: T0605901209  
Latitude: 33.6780283  
Longitude: -117.919504  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 03/27/1991  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001590T  
LOC Case Number: 89UT180  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605901209  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901209  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605901209  
Status: Completed - Case Closed  
Status Date: 03/27/1991

Global Id: T0605901209  
Status: Open - Case Begin Date  
Status Date: 10/03/1989

Regulatory Activities:

Global Id: T0605901209  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH COAST ACURA (Continued)**

**1000818803**

Global Id: T0605901209  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 89UT180  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 03/27/1991  
Case Type: Soil Only  
Record ID: RO0000987

Region: ORANGE  
Facility Id: 89UT180  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 03/27/1991  
Case Type: Not reported  
Record ID: RO0000987

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001590T  
Local Case Num: 89UT180  
Case Type: Soil only  
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: T0605901209  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/3/1989  
Enforcement Date: Not reported  
Close Date: 3/27/1991  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH COAST ACURA (Continued)**

**1000818803**

Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.6780283  
Longitude: -117.919504  
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: AR  
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

**HAZNET:**

Year: 2007  
Gepaid: CAD983647165  
Contact: EDDIE RASHID  
Telephone: 8009622872  
Mailing Name: Not reported  
Mailing Address: 2925 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.29  
Facility County: Orange

Year: 2006  
Gepaid: CAD983647165  
Contact: UNDELIVERABLE 1996 FEES FORM  
Telephone: 7149792500  
Mailing Name: Not reported  
Mailing Address: 2925 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAD028409019  
TSD County: Not reported  
Waste Category: Unspecified solvent mixture  
Disposal Method: Transfer Station  
Tons: 0.06  
Facility County: Orange

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH COAST ACURA (Continued)**

**1000818803**

Year: 2005  
Gepaid: CAD983647165  
Contact: UNDELIVERABLE 1996 FEES FORM  
Telephone: 7149792500  
Mailing Name: Not reported  
Mailing Address: 2925 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Oil/water separation sludge  
Disposal Method: Recycler  
Tons: 2.37  
Facility County: Orange

Year: 2005  
Gepaid: CAD983647165  
Contact: UNDELIVERABLE 1996 FEES FORM  
Telephone: 7149792500  
Mailing Name: Not reported  
Mailing Address: 2925 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Aqueous solution with total organic residues less than 10 percent  
Disposal Method: Transfer Station  
Tons: 0.09  
Facility County: Orange

Year: 2005  
Gepaid: CAD983647165  
Contact: UNDELIVERABLE 1996 FEES FORM  
Telephone: 7149792500  
Mailing Name: Not reported  
Mailing Address: 2925 HARBOR BLVD  
Mailing City,St,Zip: COSTA MESA, CA 926260000  
Gen County: Not reported  
TSD EPA ID: CAD981696420  
TSD County: Not reported  
Waste Category: Other organic solids  
Disposal Method: Not reported  
Tons: 0.2  
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access 31 additional CA\_HAZNET: record(s) in the EDR Site Report.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**Q92**  
**NE**  
**1/4-1/2**  
**0.347 mi.**  
**1831 ft.**  
**OLYMPIAN OIL CO**  
**1139 BAKER**  
**COSTA MESA, CA 92626**

**CA HIST CORTESE** **S103623834**  
**N/A**

**Relative:** **CORTESE:**  
**Lower** Region: **CORTESE**  
Facility County Code: **30**  
**Actual:** Reg By: **LTNKA**  
**42 ft.** Reg Id: **2429**

**Site 2 of 2 in cluster Q**

**S93**  
**SW**  
**1/4-1/2**  
**0.349 mi.**  
**1843 ft.**  
**HARBOR FAIR EXXON CORNER MKT**  
**2502 HARBOR BLVD**  
**COSTA MESA, CA 92626**

**CA HIST CORTESE** **S101619628**  
**CA LUST** **N/A**  
**CA FID UST**  
**CA SWEEPS UST**

**Relative:** **CORTESE:**  
**Higher** Region: **CORTESE**  
Facility County Code: **30**  
**Actual:** Reg By: **LTNKA**  
**72 ft.** Reg Id: **083000145T**

**Site 1 of 3 in cluster S**

**LUST:**

Region: **STATE**  
Global Id: **T0605900110**  
Latitude: **33.6632898**  
Longitude: **-117.919136**  
Case Type: **LUST Cleanup Site**  
Status: **Open - Eligible for Closure**  
Status Date: **10/21/2012**  
Lead Agency: **ORANGE COUNTY LOP**  
Case Worker: **DB**  
Local Agency: **ORANGE COUNTY LOP**  
RB Case Number: **083000145T**  
LOC Case Number: **91UT156**  
File Location: **Local Agency**  
Potential Media Affect: **Other Groundwater (uses other than drinking water)**  
Potential Contaminants of Concern: **Diesel, Waste Oil / Motor / Hydraulic / Lubricating**  
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.**

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: **T0605900110**  
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: **cbernhardt@waterboards.ca.gov**  
Phone Number: **9517824495**

Global Id: **T0605900110**  
Contact Type: **Local Agency Caseworker**  
Contact Name: **DENAMARIE BAKER**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605900110  
Status: Open - Case Begin Date  
Status Date: 12/17/1991

Global Id: T0605900110  
Status: Open - Eligible for Closure  
Status Date: 05/25/2004

Global Id: T0605900110  
Status: Open - Eligible for Closure  
Status Date: 10/21/2012

Global Id: T0605900110  
Status: Open - Remediation  
Status Date: 05/25/2004

Global Id: T0605900110  
Status: Open - Site Assessment  
Status Date: 09/28/1995

Regulatory Activities:

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 02/08/2012  
Action: File review

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 04/18/2003  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 01/27/2005  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 09/12/2005  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/01/2006  
Action: Staff Letter

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 01/04/2011



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 01/07/2013  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 03/22/2011  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 05/14/2010  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/09/2011  
Action: File review

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 07/13/2009  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 07/22/2010  
Action: File review

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 12/27/2011  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 12/27/2011  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 12/24/1991  
Action: Notice of Responsibility

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/22/2003  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 04/15/2004  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/23/2004  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 04/15/2005  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/12/2005  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 10/24/2005  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 01/23/2007  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 10/15/2007  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 04/14/2008  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 03/19/2007  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 01/07/2011  
Action: File review

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 01/11/2011  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 03/03/2009  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Date: 07/24/2013  
Action: Notification - Public Notice of Case Closure

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 07/24/2013  
Action: Notification - Public Notice of Case Closure

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 04/08/2010  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605900110  
Action Type: RESPONSE  
Date: 06/28/2013  
Action: Other Workplan - Regulator Responded

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 08/22/2008  
Action: Staff Letter

Global Id: T0605900110  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 07/24/2013  
Action: Notification - Public Notice of Case Closure

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 10/06/2009  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 05/09/2013  
Action: Staff Letter

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 04/15/2011  
Action: File review

Global Id: T0605900110  
Action Type: ENFORCEMENT  
Date: 05/17/2011  
Action: File review

Global Id: T0605900110  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Global Id: T0605900110  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605900110  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 91UT156  
Current Status: Remedial Action  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: Not reported  
Case Type: Other Ground Water  
Record ID: RO0000938

Region: ORANGE  
Facility Id: 91UT156  
Current Status: Not reported  
Released Substance: Waste oil/Used oil  
Date Closed: Not reported  
Case Type: Not reported  
Record ID: RO0000938

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remedial action (cleanup) Underway  
Case Number: 083000145T  
Local Case Num: 91UT156  
Case Type: Other ground water affected  
Substance: 12034,12035  
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: T0605900110  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 12/17/1991  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: 9/28/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Remed Plan: Not reported  
Remed Action: 5/25/2004  
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: 33.6632898  
Longitude: -117.919136  
MTBE Date: 12/16/2003  
Max MTBE GW: 30000  
MTBE Concentration: 0  
Max MTBE Soil: 560  
MTBE Fuel: 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: CAB  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30001246  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145465337  
Mail To: Not reported  
Mailing Address: HBR FAIR EXXON COR M  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Not reported  
Comp Number: 6436  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006436-000004  
Actv Date: Not reported  
Capacity: 4000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: 2

Status: Not reported  
Comp Number: 6436  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006436-000005  
Actv Date: Not reported  
Capacity: 500  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6436  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006436-000001  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 6436  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006436-000002  
Actv Date: Not reported  
Capacity: 6000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HARBOR FAIR EXXON CORNER MKT (Continued)**

**S101619628**

Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6436  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006436-000003  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**P94  
NW  
1/4-1/2  
0.350 mi.  
1848 ft.**

**ATLAS CHRYSLER PLYMOUTH  
2929 HARBOR BLVD  
COSTA MESA, CA 92626  
Site 3 of 4 in cluster P**

**CA HIST CORTESE 1000156820  
CA LUST N/A  
CA HIST UST  
CA EMI**

**Relative:  
Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000055T

**Actual:  
52 ft.**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083003553T

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000055T  
Local Case Num: 87UT003  
Case Type: Soil only  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS CHRYSLER PLYMOUTH (Continued)**

**1000156820**

Global ID: T0605900044  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/9/1987  
Enforcement Date: Not reported  
Close Date: 10/29/1987  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6781113  
Longitude: -117.919504  
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: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remedial action (cleanup) Underway  
Case Number: 083003553T  
Local Case Num: 99UT041  
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: SA  
How Stopped: Other Means  
Leak Cause: Unknown  
Leak Source: Tank



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS CHRYSLER PLYMOUTH (Continued)**

**1000156820**

Global ID: T0605902325  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 4/29/1999  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: 6/26/2002  
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: 33.6781113  
Longitude: -117.919504  
MTBE Date: 3/14/2004  
Max MTBE GW: 32  
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: AR  
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

**HIST UST:**

Region: STATE  
Facility ID: 00000064406  
Facility Type: Other  
Other Type: AUTO DEALER  
Total Tanks: 0001  
Contact Name: Not reported  
Telephone: 7145461934  
Owner Name: ATLAS CHRYSLER PLYMOUTH  
Owner Address: 2929 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: OIL 1  
Year Installed: Not reported  
Tank Capacity: 00000280  
Tank Used for: PRODUCT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS CHRYSLER PLYMOUTH (Continued)**

**1000156820**

Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 001  
Container Num: 21010  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: 2  
Tank Construction: Unkown centimeters  
Leak Detection: None

Tank Num: 001  
Container Num: GAS 1  
Year Installed: 1983  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 210101  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 00043741  
Year Installed: Not reported  
Tank Capacity: 00000350  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Tank Construction: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: TRANS 1  
Year Installed: Not reported  
Tank Capacity: 00000280  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: Not reported  
Leak Detection: None

**EMI:**

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 21925  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS CHRYSLER PLYMOUTH (Continued)**

**1000156820**

Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 21925  
Air District Name: SC  
SIC Code: 5510  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 21925  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1995  
County Code: 30  
Air Basin: SC  
Facility ID: 21925  
Air District Name: SC  
SIC Code: 5511  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 3  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS CHRYSLER PLYMOUTH (Continued)**

**1000156820**

SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

**P95  
NW  
1/4-1/2  
0.350 mi.  
1850 ft.**

**ATLAS DODGE CHRYSLER PLYMOUTH  
2929 HARBOR BLVD  
COSTA MESA, CA 92626  
Site 4 of 4 in cluster P**

**CA LUST  
CA Orange Co. Industrial Site**

**S111711328  
N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
52 ft.**

Region: STATE  
Global Id: T0605902325  
Latitude: 33.6781113  
Longitude: -117.919504  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 09/12/2005  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003553T  
LOC Case Number: 99UT041  
File Location: Local Agency Warehouse  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605902325  
Contact Type: Regional Board Caseworker  
Contact Name: TOM E. MBEKE-EKANEM  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: tmbeke-ekanem@waterboards.ca.gov  
Phone Number: 9513202007

Global Id: T0605902325  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605902325  
Status: Completed - Case Closed  
Status Date: 09/12/2005

Global Id: T0605902325  
Status: Open - Case Begin Date  
Status Date: 04/29/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS DODGE CHRYSLER PLYMOUTH (Continued)**

**S111711328**

Global Id: T0605902325  
Status: Open - Remediation  
Status Date: 06/26/2002

Global Id: T0605902325  
Status: Open - Verification Monitoring  
Status Date: 03/01/2005

Regulatory Activities:

Global Id: T0605902325  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 09/12/2005  
Action: Closure/No Further Action Letter

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 01/22/2003  
Action: Staff Letter

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 06/14/1999  
Action: Notice of Responsibility

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 08/20/2003  
Action: Staff Letter

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 12/27/2004  
Action: Staff Letter

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 03/01/2005  
Action: Staff Letter

Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 05/06/2005  
Action: Staff Letter

Global Id: T0605902325  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605902325  
Action Type: Other  
Date: 01/01/1950

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ATLAS DODGE CHRYSLER PLYMOUTH (Continued)**

**S111711328**

Action: Leak Discovery  
  
Global Id: T0605902325  
Action Type: ENFORCEMENT  
Date: 07/14/2005  
Action: LOP Case Closure Summary to RB

Region: STATE  
Global Id: T0605900044  
Latitude: 33.6781113  
Longitude: -117.919504  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 10/29/1987  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000055T  
LOC Case Number: 87UT003  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:  
Global Id: T0605900044  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:  
Global Id: T0605900044  
Status: Completed - Case Closed  
Status Date: 10/29/1987

Global Id: T0605900044  
Status: Open - Case Begin Date  
Status Date: 01/09/1987

Regulatory Activities:  
Global Id: T0605900044  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900044  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ATLAS DODGE CHRYSLER PLYMOUTH (Continued)

S111711328

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 87UT003  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 10/29/1987  
Case Type: Soil Only  
Record ID: RO0000909

Region: ORANGE  
Facility Id: 87UT003  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 10/29/1987  
Case Type: Not reported  
Record ID: RO0000909

Region: ORANGE  
Facility Id: 99UT041  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 09/12/2005  
Case Type: Other Ground Water  
Record ID: RO0002105

Orange Co. Industrial Site:

Case ID: 011C033  
Region: ORANGE  
Record ID: RO0000054  
Current Status: CLOSED 7/19/2002  
Closure Type: Closure certification issued  
Released Chemical: FUEL WASTE

T96  
NE  
1/4-1/2  
0.365 mi.  
1926 ft.

GALLACHER INVESTMENT CO  
1127 BAKER ST  
COSTA MESA, CA 92626  
Site 1 of 2 in cluster T

CA HIST CORTESE S104160821  
CA LUST N/A

Relative:  
Lower

CORTESE:  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083001388T

Actual:  
42 ft.

LUST:

Region: STATE  
Global Id: T0605901048  
Latitude: 33.678006  
Longitude: -117.90449  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 04/30/1990  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GALLACHER INVESTMENT CO (Continued)**

**S104160821**

RB Case Number: 083001388T  
LOC Case Number: 89UT217  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901048  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605901048  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

**Status History:**

Global Id: T0605901048  
Status: Completed - Case Closed  
Status Date: 04/30/1990

Global Id: T0605901048  
Status: Open - Case Begin Date  
Status Date: 11/28/1989

**Regulatory Activities:**

Global Id: T0605901048  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901048  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 89UT217  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 04/30/1990  
Case Type: Soil Only



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GALLACHER INVESTMENT CO (Continued)**

**S104160821**

Record ID: RO0001887  
  
Region: ORANGE  
Facility Id: 89UT217  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 04/30/1990  
Case Type: Not reported  
Record ID: RO0001887

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001388T  
Local Case Num: 89UT217  
Case Type: Soil only  
Substance: 12034,800661  
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: T0605901048  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 11/28/1989  
Enforcement Date: Not reported  
Close Date: 4/30/1990  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6800374  
Longitude: -117.9049466  
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: \*

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GALLACHER INVESTMENT CO (Continued)**

**S104160821**

Staff: PAH  
Staff Initials: AR  
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

**S97  
SW  
1/4-1/2  
0.380 mi.  
2005 ft.**

**FAIRVIEW DEVELOPMENT CENTER  
2501 HARBOR BL  
COSTA MESA, CA 92626  
Site 2 of 3 in cluster S**

**RCRA-SQG 1000370593  
CA HIST CORTESE CAD072513146  
CA LUST  
CA HIST UST  
US AIRS**

**Relative:  
Higher**

RCRA-SQG:

**Actual:  
73 ft.**

Date form received by agency: 09/01/1996  
Facility name: FAIRVIEW ST HOSP  
Facility address: 2501 HARBOR BLVD  
COSTA MESA, CA 92626  
EPA ID: CAD072513146  
Mailing address: 2501 HARBOR BOVD  
COSTA MESA, CA 92626  
Contact: Not reported  
Contact address: Not reported  
Contact country: Not reported  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CALIFORNIA STATE  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: (415) 555-1212  
Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/30/1985  
Facility name: FAIRVIEW ST HOSP  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 03/05/1993  
Date achieved compliance: 07/26/1994  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/26/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 03/05/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 07/26/1994  
Evaluation lead agency: State Contractor/Grantee

CORTESE:

Region: CORTESE

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000514T

**LUST:**

Region: STATE  
Global Id: T0605900409  
Latitude: 33.6632703  
Longitude: -117.9192731  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 05/24/1993  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000514T  
LOC Case Number: 92UT059  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Heating Oil / Fuel Oil  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605900409  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605900409  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605900409  
Status: Completed - Case Closed  
Status Date: 05/24/1993

Global Id: T0605900409  
Status: Open - Case Begin Date  
Status Date: 05/05/1992

**Regulatory Activities:**

Global Id: T0605900409  
Action Type: Other  
Date: 01/01/1950

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Action: Leak Discovery  
  
Global Id: T0605900409  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Region: STATE  
Global Id: T0605902333  
Latitude: 33.6632703  
Longitude: -117.9192731  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 12/11/2000  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003572T  
LOC Case Number: 99UT052  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605902333  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605902333  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605902333  
Status: Completed - Case Closed  
Status Date: 12/11/2000

Global Id: T0605902333  
Status: Open - Case Begin Date  
Status Date: 06/30/1999

**Regulatory Activities:**

Global Id: T0605902333

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605902333  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 99UT052  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 12/11/2000  
Case Type: Soil Only  
Record ID: RO0002385

Region: ORANGE  
Facility Id: 92UT059  
Current Status: Certification (Case Closed)  
Released Substance: Bunker fuel oil  
Date Closed: 05/24/1993  
Case Type: Soil Only  
Record ID: RO0002387

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083000514T  
Local Case Num: 92UT059  
Case Type: Soil only  
Substance: Bunker Fuel 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  
Leak Cause: Unknown  
Leak Source: Unknown  
Global ID: T0605900409  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 5/5/1992  
Enforcement Date: Not reported  
Close Date: 5/24/1993  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Remed Action: Not reported  
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: 33.6632378  
Longitude: -117.919398  
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: AR  
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

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083003572T  
Local Case Num: 99UT052  
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: T0605902333  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 6/30/1999  
Enforcement Date: Not reported  
Close Date: 12/11/2000  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Remed Action: Not reported  
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: 33.663494  
Longitude: -117.919464  
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: AR  
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

**HIST UST:**

Region: STATE  
Facility ID: 00000000915  
Facility Type: Other  
Other Type: HOSPITAL  
Total Tanks: 0005  
Contact Name: GEORGE MCGHEE  
Telephone: 7149575218  
Owner Name: STATE DEPT. OF DEVELOPMENTAL S  
Owner Address: 2501 HARBOR BLVD.  
Owner City,St,Zip: COSTA MESA, CA 92626

Tank Num: 001  
Container Num: FSH 01  
Year Installed: 1955  
Tank Capacity: 00018000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 5/16 inches  
Leak Detection: Visual

Tank Num: 002  
Container Num: FSH 02  
Year Installed: 1955  
Tank Capacity: 00018000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Tank Construction: 5/16 inches



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**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Leak Detection: Visual  
  
Tank Num: 003  
Container Num: FSH 03  
Year Installed: 1984  
Tank Capacity: 00003600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Tank Construction: 4 inches  
Leak Detection: Visual, Stock Inventor

Tank Num: 004  
Container Num: FSH 04  
Year Installed: 1957  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 3/16 inches  
Leak Detection: Visual

Tank Num: 005  
Container Num: FSH 05  
Year Installed: 1975  
Tank Capacity: 00012000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: 1/4 inches  
Leak Detection: Visual, Stock Inventor

**AIRS (AFS):**

**Compliance and Violation Data Major Sources:**

EPA plant ID: 110017405887  
Plant name: FAIRVIEW DEVELOPMENT CENTER  
Plant address: 2501 HARBOR BL  
COSTA MESA, CA 926266143  
  
County: ORANGE  
Region code: 09  
Dunn & Bradst #: Not reported  
Air quality cntrl region: 024  
Sic code: 8060  
Sic code desc: Not reported  
North Am. industrial classf: 623311  
NAIC code description: Continuing Care Retirement Communities  
Default compliance status: IN COMPLIANCE - INSPECTION  
Default classification: ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS  
  
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT  
  
Current HPV: Not reported

**Compliance and Enforcement Major Issues:**

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 000309  
Penalty amount: 000000000

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020906
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	020906
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	020930
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	020930
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	021115
Penalty amount:	000002000
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	021223
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	030407
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030930
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	030930
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	031009
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	031014
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Date achieved:	040203
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	040213
Penalty amount:	000000125
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	040506
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	040923
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	040923
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	040923
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	040923
Penalty amount:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	040923
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	041201
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	041201
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	050105
Penalty amount:	000000650
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	050105
Penalty amount:	000000650
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	050207
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	050207
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050222
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	050222
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	050422
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	050422
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Date achieved:	050928
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050928
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050928
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	050928
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060224
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	060224
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	060303
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	061003
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061003
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	061003
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	061003
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	061006
Penalty amount:	Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061006
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	061213
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	061213
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	061220
Penalty amount:	000001800
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	061220
Penalty amount:	000001800
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	070212
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	070316
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	070316
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	070511
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	070511
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	070727
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
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**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Date achieved:	070727
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	071012
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE DAY 0
Date achieved:	071012
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	071016
Penalty amount:	000002500
Air program:	SIP SOURCE
National action type:	NXXXXX
Date achieved:	071016
Penalty amount:	000002500
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080130
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	080130
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved:	080131
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	SV RESOLVED
Date achieved:	080506
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	SV RESOLVED
Date achieved:	080506
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080523
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	080523
Penalty amount:	Not reported

Map ID  
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MAP FINDINGS

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Database(s)

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EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	080523
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	080523
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080611
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved:	080611
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	090113
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	090113
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	090723
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090730
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	090730
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	090730
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Date achieved:	090730
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100107
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	100107
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100812
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	100812
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100825
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100825
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	100825
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	100825
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110114
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	110114
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110719
Penalty amount:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110719
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110719
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	110719
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	110719
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	110719
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120209
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	TITLE V ANN COMPL CERT DUE/RCV BY PERMIT AUTHORITY
Date achieved:	120209
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120816
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	120816
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120821
Penalty amount:	Not reported
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	120821
Penalty amount:	Not reported
Air program:	TITLE V PERMITS
National action type:	STATE CONDUCTED PCE/ ON-SITE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Date achieved: 120821  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: STATE CONDUCTED PCE/ ON-SITE  
Date achieved: 120821  
Penalty amount: Not reported

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 970918  
Penalty amount: 000000000

Air program: TITLE V PERMITS  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 980923  
Penalty amount: 000000000

Air program: SIP SOURCE  
National action type: MULTI MEDIA INSPECTION - LEVEL 2 OR GREATER  
Date achieved: 980923  
Penalty amount: 000000000

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1001  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1001  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1002  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1002  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1003  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1003  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1004  
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1004  
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1103
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	TITLE V PERMITS
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENT CENTER (Continued)**

**1000370593**

Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE - INSPECTION  
Hist compliance date: 1203  
Air prog code hist file: TITLE V PERMITS

Permit Information:  
Compliance plant ID: CB069  
Permit number: 3496  
Permit category: V  
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:  
Compliance plant ID: CB069  
Plant name: FAIRVIEW DEVELOPMENT CENTER  
Plant address: 2501 HARBOR BL  
COSTA MESA, CA 926266143

Event Information:  
Compliance permit ID: CB069  
Permit number: 3496  
Event action type: IF  
Event description: \*PERMIT AUTHORITY ISSUES FINAL PERMIT  
Event action #: 001  
Event date: 20020906

**S98**  
**SW**  
**1/4-1/2**  
**0.380 mi.**  
**2005 ft.**

**FAIRVIEW DEVELOPMENTAL CENTER**  
**2501 HARBOR BLVD**  
**COSTA MESA, CA 92626**  
**Site 3 of 3 in cluster S**

**CA UST** **U003432980**  
**CA SWEEPS UST** **N/A**  
**CA EMI**  
**CA HWP**

**Relative:**  
**Higher**

UST:  
Facility ID: 6732  
Latitude: 33.66331  
Longitude: -117.91931

**Actual:**  
**73 ft.**

SWEEPS UST:  
Status: Not reported  
Comp Number: 6732  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006732-000004  
Actv Date: Not reported  
Capacity: 18000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

Status: Not reported  
Comp Number: 6732  
Number: Not reported  
Board Of Equalization: Not reported  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Tank Status: Not reported  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006732-000005  
Actv Date: Not reported  
Capacity: 18000  
Tank Use: UNKNOWN  
Stg: PRODUCT  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6732  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006732-000006  
Actv Date: Not reported  
Capacity: 2000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 3

Status: Active  
Comp Number: 6732  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006732-000007  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6732  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006732-000010  
Actv Date: Not reported  
Capacity: 1000  
Tank Use: M.V. FUEL  
Stg: P  
Content: OTHER  
Number Of Tanks: Not reported

**EMI:**

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
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: 4  
SOX - Oxides of Sulphur Tons/Yr: 2  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 8  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 66  
NOX - Oxides of Nitrogen Tons/Yr: 11  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 1993  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069  
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: 6  
Reactive Organic Gases Tons/Yr: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	11
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	1995
County Code:	30
Air Basin:	SC
Facility ID:	3496
Air District Name:	SC
SIC Code:	8069
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:	6
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	3
NOX - Oxides of Nitrogen Tons/Yr:	11
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	1996
County Code:	30
Air Basin:	SC
Facility ID:	3496
Air District Name:	SC
SIC Code:	8069
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:	5
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	5
NOX - Oxides of Nitrogen Tons/Yr:	8
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1
Part. Matter 10 Micrometers & Smlr Tons/Yr:	1
Year:	1997
County Code:	30
Air Basin:	SC
Facility ID:	3496
Air District Name:	SC
SIC Code:	8069
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:	2
NOX - Oxides of Nitrogen Tons/Yr:	7
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smlr Tons/Yr:	0



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

Year: 1998  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069  
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: 2  
NOX - Oxides of Nitrogen Tons/Yr: 7  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 1999  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069  
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: 2  
NOX - Oxides of Nitrogen Tons/Yr: 7  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2000  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069  
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: 2  
NOX - Oxides of Nitrogen Tons/Yr: 7  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2001  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8069

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

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: 6  
NOX - Oxides of Nitrogen Tons/Yr: 6  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 1

Year: 2002

County Code: 30

Air Basin: SC

Facility ID: 3496

Air District Name: SC

SIC Code: 8051

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 1

Reactive Organic Gases Tons/Yr: 1

Carbon Monoxide Emissions Tons/Yr: 4

NOX - Oxides of Nitrogen Tons/Yr: 6

SOX - Oxides of Sulphur Tons/Yr: 0

Particulate Matter Tons/Yr: 1

Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2003

County Code: 30

Air Basin: SC

Facility ID: 3496

Air District Name: SC

SIC Code: 8051

Air District Name: SOUTH COAST AQMD

Community Health Air Pollution Info System: Not reported

Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 1

Reactive Organic Gases Tons/Yr: 1

Carbon Monoxide Emissions Tons/Yr: 4

NOX - Oxides of Nitrogen Tons/Yr: 6

SOX - Oxides of Sulphur Tons/Yr: 0

Particulate Matter Tons/Yr: 1

Part. Matter 10 Micrometers & Smlr Tons/Yr: 0

Year: 2004

County Code: 30

Air Basin: SC

Facility ID: 3496

Air District Name: SC

SIC Code: 8051

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: 1.4314004

Reactive Organic Gases Tons/Yr: 1.03

Carbon Monoxide Emissions Tons/Yr: 4.3819

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

NOX - Oxides of Nitrogen Tons/Yr: 5.802  
SOX - Oxides of Sulphur Tons/Yr: 0.040846  
Particulate Matter Tons/Yr: 0.5172044  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.5

Year: 2005  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8051  
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: .63504  
Reactive Organic Gases Tons/Yr: .449895054  
Carbon Monoxide Emissions Tons/Yr: 4.71928  
NOX - Oxides of Nitrogen Tons/Yr: 2.90512  
SOX - Oxides of Sulphur Tons/Yr: .042765  
Particulate Matter Tons/Yr: .460095  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .45894045

Year: 2006  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8051  
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: 1.153118100016011875  
Reactive Organic Gases Tons/Yr: .663  
Carbon Monoxide Emissions Tons/Yr: .267  
NOX - Oxides of Nitrogen Tons/Yr: 2.232  
SOX - Oxides of Sulphur Tons/Yr: .043  
Particulate Matter Tons/Yr: .479  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .47788

Year: 2007  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8051  
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: 1.096053982850030067  
Reactive Organic Gases Tons/Yr: .663  
Carbon Monoxide Emissions Tons/Yr: .267  
NOX - Oxides of Nitrogen Tons/Yr: 2.232  
SOX - Oxides of Sulphur Tons/Yr: .043  
Particulate Matter Tons/Yr: .479  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .47788

Year: 2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8063  
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: .8881087109595239453  
Reactive Organic Gases Tons/Yr: .463588308  
Carbon Monoxide Emissions Tons/Yr: .45561  
NOX - Oxides of Nitrogen Tons/Yr: .75153  
SOX - Oxides of Sulphur Tons/Yr: .0394245  
Particulate Matter Tons/Yr: .45486875  
Part. Matter 10 Micrometers & Smlr Tons/Yr: .454844015

Year: 2009  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8063  
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: 0.57433391876683804  
Reactive Organic Gases Tons/Yr: 0.33700140000000001  
Carbon Monoxide Emissions Tons/Yr: 0.90561000000000003  
NOX - Oxides of Nitrogen Tons/Yr: 1.8515299999999999  
SOX - Oxides of Sulphur Tons/Yr: 2.0414499999999999E-2  
Particulate Matter Tons/Yr: 0.26697149999999997  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.265942595

Year: 2010  
County Code: 30  
Air Basin: SC  
Facility ID: 3496  
Air District Name: SC  
SIC Code: 8063  
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: 0.87765890147301595  
Reactive Organic Gases Tons/Yr: 0.48020000000000002  
Carbon Monoxide Emissions Tons/Yr: 0.38718999999999998  
NOX - Oxides of Nitrogen Tons/Yr: 1.1500999999999999  
SOX - Oxides of Sulphur Tons/Yr: 4.2009999999999999E-2  
Particulate Matter Tons/Yr: 0.4304999999999999  
Part. Matter 10 Micrometers & Smlr Tons/Yr: 0.42903192000000001

**HWP:**

EPA Id: CAX000225151  
Cleanup Status: UNKNOWN  
Latitude: 33.66327  
Longitude: -117.9192  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FAIRVIEW DEVELOPMENTAL CENTER (Continued)**

**U003432980**

Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 74  
Senate District: 37  
Public Information Officer: Not reported

**T99  
NE  
1/4-1/2  
0.390 mi.  
2060 ft.**

**SULLIVAN CONCRETE TEXTURES  
1111 BAKER ST  
COSTA MESA, CA 92626**

**CA HIST CORTESE  
CA LUST  
CA FID UST  
CA EMI**

**S101619631  
N/A**

**Site 2 of 2 in cluster T**

**Relative:  
Lower**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083003123T

**Actual:  
42 ft.**

Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083000696T

**LUST:**

Region: STATE  
Global Id: T0605902128  
Latitude: 33.6800414  
Longitude: -117.9043816  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 11/16/2012  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003123T  
LOC Case Number: 98UT004  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
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.

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605902128  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605902128

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULLIVAN CONCRETE TEXTURES (Continued)**

**S101619631**

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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Status History:

Global Id: T0605902128  
Status: Completed - Case Closed  
Status Date: 11/16/2012

Global Id: T0605902128  
Status: Open - Case Begin Date  
Status Date: 01/05/1998

Global Id: T0605902128  
Status: Open - Remediation  
Status Date: 10/31/2008

Global Id: T0605902128  
Status: Open - Site Assessment  
Status Date: 10/02/1998

Global Id: T0605902128  
Status: Open - Verification Monitoring  
Status Date: 11/24/2010

Regulatory Activities:

Global Id: T0605902128  
Action Type: ENFORCEMENT  
Date: 06/10/2010  
Action: Staff Letter

Global Id: T0605902128  
Action Type: RESPONSE  
Date: 04/18/2012  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0605902128  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605902128  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605902128  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605902128

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULLIVAN CONCRETE TEXTURES (Continued)**

**S101619631**

Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Pump & Treat (P&T) Groundwater
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	11/23/2009
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	05/27/2011
Action:	File review
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	06/21/2010
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	07/13/2009
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	12/08/2010
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	10/31/2008
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	08/31/2012
Action:	Notification - Preclosure
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	10/02/2012
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	01/29/1998
Action:	Notice of Responsibility
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	05/07/2003
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	05/23/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULLIVAN CONCRETE TEXTURES (Continued)**

**S101619631**

Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	04/21/2009
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	02/15/2011
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	01/09/2009
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	11/16/2012
Action:	Closure/No Further Action Letter
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	08/31/2012
Action:	Notification - Preclosure
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	08/31/2012
Action:	Notification - Preclosure
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	08/31/2012
Action:	Notification - Preclosure
Global Id:	T0605902128
Action Type:	ENFORCEMENT
Date:	06/01/2011
Action:	Staff Letter
Global Id:	T0605902128
Action Type:	RESPONSE
Date:	05/14/2010
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0605902128
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

**ORANGE CO. LUST:**

Region:	ORANGE
Facility Id:	98UT004
Current Status:	Certification (Case Closed)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SULLIVAN CONCRETE TEXTURES (Continued)**

**S101619631**

Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 11/16/2012  
Case Type: Other Ground Water  
Record ID: RO0000771

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Pollution Characterization  
Case Number: 083003123T  
Local Case Num: 98UT004  
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: T0605902128  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/5/1998  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: 10/2/1998  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6800414  
Longitude: -117.9043816  
MTBE Date: 7/19/2004  
Max MTBE GW: 37000  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: CAB  
Staff Initials: AR  
Lead Agency: Local Agency  
Local Agency: 30000L  
Hydr Basin #: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SULLIVAN CONCRETE TEXTURES (Continued)**

**S101619631**

Beneficial:           MUN  
 Priority:             Not reported  
 Cleanup Fund Id:    Not reported  
 Work Suspended:    Not reported  
 Summary:            Not reported

**CA FID UST:**

Facility ID:           30017596  
 Regulated By:        UTNKA  
 Regulated ID:        Not reported  
 Cortese Code:        Not reported  
 SIC Code:            Not reported  
 Facility Phone:       7145567633  
 Mail To:             Not reported  
 Mailing Address:     1111 BAKER  
 Mailing Address 2:   Not reported  
 Mailing City,St,Zip:  COSTA MESA 92626  
 Contact:             Not reported  
 Contact Phone:       Not reported  
 DUNS Number:        Not reported  
 NPDES Number:       Not reported  
 EPA ID:              Not reported  
 Comments:           Not reported  
 Status:               Active

**EMI:**

Year:                       1990  
 County Code:             30  
 Air Basin:                SC  
 Facility ID:               77865  
 Air District Name:        SC  
 SIC Code:                 7699  
 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 & Smlr Tons/Yr: 0

**100**  
**SSW**  
**1/4-1/2**  
**0.402 mi.**  
**2121 ft.**

**HIX PONTIAC**  
**2480 HARBOR BLVD,**  
**COSTA MESA, CA 92626**

**CA HIST CORTESE**   **S102431403**  
**CA LUST**           **N/A**  
**CA Orange Co. Industrial Site**  
**CA EMI**

**Relative:**  
**Higher**

**CORTESE:**  
 Region:                CORTESE  
 Facility County Code:   30  
 Reg By:                LTNKA  
 Reg Id:                 083001609T

**Actual:**  
**73 ft.**

**LUST:**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HIX PONTIAC (Continued)**

**S102431403**

Region: STATE  
Global Id: T0605901219  
Latitude: 33.662913  
Longitude: -117.918269  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 10/25/1991  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001609T  
LOC Case Number: 90UT173  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901219  
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: phannon@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901219  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901219  
Status: Completed - Case Closed  
Status Date: 10/25/1991

Global Id: T0605901219  
Status: Open - Case Begin Date  
Status Date: 06/26/1990

**Regulatory Activities:**

Global Id: T0605901219  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HIX PONTIAC (Continued)**

**S102431403**

Facility Id: 90UT173  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 10/25/1991  
Case Type: Soil Only  
Record ID: RO0001035

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001609T  
Local Case Num: 90UT173  
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: T0605901219  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/1/1965  
Enforcement Date: Not reported  
Close Date: 10/25/1991  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.656674  
Longitude: -117.918871  
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: AR  
Lead Agency: Local Agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HIX PONTIAC (Continued)**

**S102431403**

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. Industrial Site:

Case ID: 99IC009  
Region: ORANGE  
Record ID: RO0000727  
Current Status: CLOSED 5/24/1999  
Closure Type: Closure certification issued  
Released Chemical: WASTE (OR SLOP) OIL

EMI:

Year: 1987  
County Code: 30  
Air Basin: SC  
Facility ID: 56494  
Air District Name: SC  
SIC Code: 5511  
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: 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 & Smlr Tons/Yr: 0

Year: 1990  
County Code: 30  
Air Basin: SC  
Facility ID: 62677  
Air District Name: SC  
SIC Code: 5511  
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: 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 & Smlr Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**U101** METRO CAR WASH  
**NW** 2950 HARBOR BLVD  
**1/4-1/2** COSTA MESA, CA 92626  
**0.402 mi.**  
**2125 ft.** Site 1 of 2 in cluster U

**CA LUST** U001576821  
**CA UST** N/A  
**CA HIST UST**  
**CA SWEEPS UST**  
**CA CHMIRS**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**50 ft.**

Region: STATE  
Global Id: T0605902129  
Latitude: 33.6785743  
Longitude: -117.919119  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/15/2006  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003124T  
LOC Case Number: 98UT006  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0605902129  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605902129  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Status History:

Global Id: T0605902129  
Status: Completed - Case Closed  
Status Date: 06/15/2006

Global Id: T0605902129  
Status: Open - Case Begin Date  
Status Date: 01/22/1998

Global Id: T0605902129  
Status: Open - Remediation  
Status Date: 04/24/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Regulatory Activities:

Global Id:	T0605902129
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	09/21/2005
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	01/26/1998
Action:	Notice of Responsibility
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	04/14/2003
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	05/27/2004
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	12/13/2004
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	05/16/2005
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	06/21/2005
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	09/23/2005
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	02/02/2006
Action:	Staff Letter
Global Id:	T0605902129
Action Type:	ENFORCEMENT
Date:	02/16/2006
Action:	Staff Letter
Global Id:	T0605902129

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Action Type: ENFORCEMENT  
Date: 06/15/2006  
Action: Closure/No Further Action Letter

Global Id: T0605902129  
Action Type: ENFORCEMENT  
Date: 12/23/2005  
Action: Staff Letter

Global Id: T0605902129  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Free Product Removal

Global Id: T0605902129  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605902129  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 98UT006  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 06/15/2006  
Case Type: Other Ground Water  
Record ID: RO0000812

Region: ORANGE  
Facility Id: 98UT006  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 06/15/2006  
Case Type: Not reported  
Record ID: RO0000812

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remedial action (cleanup) Underway  
Case Number: 083003124T  
Local Case Num: 98UT006  
Case Type: Other ground water affected  
Substance: 12034,800661  
Qty Leaked: 0  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: SEL  
Funding: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

How Discovered: Tank Closure  
How Stopped: Close Tank  
Leak Cause: Unknown  
Leak Source: Tank  
Global ID: T0605902129  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/22/1998  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: 4/24/2001  
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: 33.6785743  
Longitude: -117.919119  
MTBE Date: 3/16/2004  
Max MTBE GW: 14  
MTBE Concentration: 0  
Max MTBE Soil: Not reported  
MTBE Fuel: 0  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: NOM  
Staff Initials: AR  
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

**UST:**

Facility ID: 6371  
Latitude: 33.67864  
Longitude: -117.91921

**HIST UST:**

Region: STATE  
Facility ID: 00000052755  
Facility Type: Gas Station  
Other Type: Not reported  
Total Tanks: 0005  
Contact Name: BOB WILDER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Telephone: 7145468191  
Owner Name: METRO CALIF. BUS. ENT.  
Owner Address: 387 N. TUSTIN AVE.  
Owner City,St,Zip: ORANGE, CA 92667

Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: 10

Tank Num: 002  
Container Num: 2  
Year Installed: 1964  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: 1964  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: None

Tank Num: 004  
Container Num: 4  
Year Installed: 1964  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Tank Construction: 1/4 inches  
Leak Detection: None

Tank Num: 005  
Container Num: 5  
Year Installed: 1964  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Tank Construction: 1/4 inches  
Leak Detection: None

**SWEEPS UST:**

Status: Active  
Comp Number: 6371  
Number: 9  
Board Of Equalization: 44-016466  
Referral Date: 09-30-92  
Action Date: 09-15-92

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006371-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: 5

Status: Active  
Comp Number: 6371  
Number: 9  
Board Of Equalization: 44-016466  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006371-000002  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6371  
Number: 9  
Board Of Equalization: 44-016466  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006371-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6371  
Number: 9  
Board Of Equalization: 44-016466  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006371-000004  
Actv Date: Not reported  
Capacity: 10000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6371  
Number: 9  
Board Of Equalization: 44-016466  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006371-000005  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

**CHMIRS:**

OES Incident Number: 07-6667  
OES notification: 10/30/2007  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Report Date: Not reported  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Not reported  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Contractor  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2007  
Agency: Costa Mesa Sanitary Dist  
Incident Date: 10/29/2007 12:00:00 AM  
Admin Agency: Orange Cnty Management Div - HazMat Div.  
Amount: Not reported  
Contained: Yes  
Site Type: Merchant/Business  
E Date: Not reported  
Substance: sewage  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 14  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: RP Sate: Grease blockage in a private lateral. Release came out a private manhole and went towards a storm drain but did not enter the storm drain.

OES Incident Number: 97-4279  
OES notification: 10/27/1997  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency 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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Yes  
Waterway: STORM DRAIN  
Spill Site: Not reported  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1997  
Agency: SANITARY DISTRICT  
Incident Date: 10/25/1997 12:00:00 AM  
Admin Agency: Orange Cnty Management Div - HazMat Div.  
Amount: Not reported  
Contained: Yes  
Site Type: Road  
E Date: Not reported  
Substance: SEWAGE  
Quantity Released: Not reported  
BBLs: 0  
Cups: 0  
CUFT: 0  
Gallons: 900  
Grams: 0  
Pounds: 0  
Liters: 0  
Ounces: 0  
Pints: 0  
Quarts: 0  
Sheen: 0  
Tons: 0  
Unknown: 0  
Evacuations: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**METRO CAR WASH (Continued)**

**U001576821**

Number of Injuries: 0  
Number of Fatalities: 0  
Description: PRIVATE LATERAL OVERFLOWED FOR 7.5 HOURS INTO PUBLIC RIGHT OF WAY AND INTO A STORM DRAIN.

**U102  
NW  
1/4-1/2  
0.423 mi.  
2231 ft.**

**ITT / JABSCO FACILITY  
1485 DALE WAY  
COSTA MESA, CA  
Site 2 of 2 in cluster U**

**CA NPDES S108542997  
CA SLIC N/A**

**Relative:  
Lower**

**NPDES:**  
Npdes Number: CAS000001  
Facility Status: Active  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 365881  
Order No: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 30I022162  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 05/28/2009  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: ABC Bus Inc  
Discharge Address: 1506 30th St NW  
Discharge City: Faribault  
Discharge State: Minnesota  
Discharge Zip: 55021

**Actual:  
49 ft.**

**SLIC:**

Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 08/21/2013  
Global Id: SL0605976946  
Lead Agency: SANTA ANA RWQCB (REGION 8)  
Lead Agency Case Number: Not reported  
Latitude: 33.6780327375074  
Longitude: -117.91823387146  
Case Type: Cleanup Program Site  
Case Worker: WDM  
Local Agency: Not reported  
RB Case Number: Not reported  
File Location: Not reported  
Potential Media Affected: Under Investigation  
Potential Contaminants of Concern: \* Chlorinated Solvents - PCE, \* Chlorinated Solvents - TCE, \* Volatile Organic Compounds (VOC)  
Site History: The Site has contamination with TCE as a result of the past pump manufacturing operation. The TCE plume is aged and has migrated out of the current property boundaries for the most part. Two RPs are conducting environmental work at this Site: ITT Corporation and the current property owner. ITT is currently conducting groundwater investigation at the downgradient areas of the Site. Obtaining access to the downgradient properties has been very challenging. The property owner has completed the on-site investigation. A focused FS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ITT / JABSCO FACILITY (Continued)**

**S108542997**

report has been submitted and ISCO has been approved as the technology for remediating the groundwater. A bench scale test was conducted for this remedy. No specific source of contamination was found in the on-Site soil. An NFA letter for the on-Site soil was issued on August 5, 2011. On-Site monitoring wells ITT-4, ITT-5 and INJ-1 were abandoned in December 2011. An off-Site downgradient investigation for groundwater was completed in September 2011 and based on the low detections of VOCs in those areas, no further investigation of the off-Site downgradient area is necessary. The monitoring frequency for all the on- and off-Site remaining wells has been reduced to semi-annual. An NFA letter for on-Site groundwater was issued on August 1, 2013. An NFA letter for off-Site groundwater was issued on August 21, 2013.

[Click here to access the California GeoTracker records for this facility:](#)

**SLIC REG 8:**

Type: Soil and Groundwater  
 Facility Status: 6  
 Region: 8  
 Staff: WDM  
 Substance: WDM  
 Lead Agency: WDM  
 Location Code: WDM  
 Thomas Bros Code: WDM

**V103 PAULINA GAS STATION**  
**ENE 1045 EL CAMINO**  
**1/4-1/2 COSTA MESA, CA 92626**  
**0.423 mi.**  
**2231 ft.**

**CA LUST S101589044**  
**CA FID UST N/A**  
**CA SWEEPS UST**

**Site 1 of 3 in cluster V**

**Relative:  
 Lower**

**LUST REG 8:**

Region: 8  
 County: Orange  
 Regional Board: Santa Ana Region  
 Facility Status: Case Closed  
 Case Number: 083001685T  
 Local Case Num: 90UT229  
 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: T0605901271  
 How Stopped Date: 9/9/9999  
 Enter Date: Not reported  
 Review Date: Not reported  
 Prelim Assess: Not reported  
 Discover Date: 10/10/1990  
 Enforcement Date: Not reported

**Actual:  
 44 ft.**



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULINA GAS STATION (Continued)**

**S101589044**

Close Date: 6/27/1996  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6756876  
Longitude: -117.9009085  
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: VJJ  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30001091  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7146625904  
Mail To: Not reported  
Mailing Address: 2140 S MAIN ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Active  
Comp Number: 13478  
Number: 9

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULINA GAS STATION (Continued)**

**S101589044**

Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-013478-000001  
Actv Date: Not reported  
Capacity: Not reported  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: Active  
Comp Number: 13478  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-013478-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 13478  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-013478-000004  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 13478  
Number: 9  
Board Of Equalization: Not reported  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PAULINA GAS STATION (Continued)**

**S101589044**

Swrcb Tank Id: 30-000-013478-000005  
Actv Date: Not reported  
Capacity: 5000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

104  
NE  
1/4-1/2  
0.423 mi.  
2236 ft.

**ADEPT MFG  
2990 GRACE LN  
COSTA MESA, CA 92626**

**CA LUST S106447499  
N/A**

**Relative:  
Lower**

**LUST:**

**Actual:  
42 ft.**

Region: STATE  
Global Id: T0605900016  
Latitude: 33.6799904  
Longitude: -117.9024996  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/24/2005  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083000019T  
LOC Case Number: 87UT004  
File Location: Local Agency Warehouse  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605900016  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Global Id: T0605900016  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605900016  
Status: Completed - Case Closed  
Status Date: 08/24/2005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADEPT MFG (Continued)**

**S106447499**

Global Id: T0605900016  
Status: Open - Case Begin Date  
Status Date: 01/12/1987

Global Id: T0605900016  
Status: Open - Remediation  
Status Date: 09/18/1987

Global Id: T0605900016  
Status: Open - Verification Monitoring  
Status Date: 03/31/2005

Regulatory Activities:

Global Id: T0605900016  
Action Type: ENFORCEMENT  
Date: 03/09/2005  
Action: Staff Letter

Global Id: T0605900016  
Action Type: ENFORCEMENT  
Date: 08/24/2005  
Action: Closure/No Further Action Letter

Global Id: T0605900016  
Action Type: ENFORCEMENT  
Date: 01/14/1987  
Action: Notice of Responsibility

Global Id: T0605900016  
Action Type: ENFORCEMENT  
Date: 02/05/2003  
Action: Staff Letter

Global Id: T0605900016  
Action Type: ENFORCEMENT  
Date: 04/07/2005  
Action: Staff Letter

Global Id: T0605900016  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605900016  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900016  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Pump & Treat (P&T) Groundwater

Global Id: T0605900016  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ADEPT MFG (Continued)**

**S106447499**

Global Id: T0605900016  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Global Id: T0605900016  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 87UT004  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 08/24/2005  
Case Type: Other Ground Water  
Record ID: RO0000924

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Remedial action (cleanup) Underway  
Case Number: 083000019T  
Local Case Num: 87UT004  
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: T0605900016  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/12/1987  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: 9/18/1987  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: =  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ADEPT MFG (Continued)**

**S106447499**

Interim: Not reported  
 Oversight Program: LUST  
 Latitude: 33.6799904  
 Longitude: -117.9024996  
 MTBE Date: 4/14/2004  
 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: VJJ  
 Staff Initials: AR  
 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

**V105**  
**ENE**  
**1/4-1/2**  
**0.427 mi.**  
**2252 ft.**

**YOUR NEIGHBORHOOD GAS STATION**  
**1045 EL CAMINO**  
**COSTA MESA, CA 92692**  
**Site 2 of 3 in cluster V**

**CA HIST CORTESE**  
**CA LUST**  
**CA Orange Co. Industrial Site**

**S101299436**  
**N/A**

**Relative:**  
**Lower**

**CORTESE:**  
 Region: CORTESE  
 Facility County Code: 30  
 Reg By: LTNKA  
 Reg Id: 083001685T

**Actual:**  
**44 ft.**

**LUST:**

Region: STATE  
 Global Id: T0605901271  
 Latitude: 33.675474  
 Longitude: -117.900577  
 Case Type: LUST Cleanup Site  
 Status: Completed - Case Closed  
 Status Date: 06/27/1996  
 Lead Agency: ORANGE COUNTY LOP  
 Case Worker: DB  
 Local Agency: ORANGE COUNTY LOP  
 RB Case Number: 083001685T  
 LOC Case Number: 90UT229  
 File Location: Local Agency  
 Potential Media Affect: Other Groundwater (uses other than drinking water)  
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Gasoline  
 Site History: Not reported

Click here to access the California GeoTracker records for this facility:

**Contact:**

Global Id: T0605901271  
 Contact Type: Local Agency Caseworker  
 Contact Name: DENAMARIE BAKER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUR NEIGHBORHOOD GAS STATION (Continued)**

**S101299436**

Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605901271  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Status History:

Global Id: T0605901271  
Status: Completed - Case Closed  
Status Date: 06/27/1996

Global Id: T0605901271  
Status: Open - Case Begin Date  
Status Date: 10/10/1990

Regulatory Activities:

Global Id: T0605901271  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605901271  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Other (Use Description Field)

Global Id: T0605901271  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901271  
Action Type: ENFORCEMENT  
Date: 06/27/1996  
Action: Closure/No Further Action Letter

Region: STATE  
Global Id: T0605964289  
Latitude: 33.675525  
Longitude: -117.900639  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 07/07/2004  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUR NEIGHBORHOOD GAS STATION (Continued)**

**S101299436**

RB Case Number: Not reported  
LOC Case Number: 04UT009  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605964289  
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: kwilliams@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605964289  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605964289  
Status: Completed - Case Closed  
Status Date: 07/07/2004

Global Id: T0605964289  
Status: Open - Case Begin Date  
Status Date: 01/21/2004

Global Id: T0605964289  
Status: Open - Site Assessment  
Status Date: 01/21/2004

Global Id: T0605964289  
Status: Open - Site Assessment  
Status Date: 05/06/2004

Global Id: T0605964289  
Status: Open - Site Assessment  
Status Date: 06/10/2004

**Regulatory Activities:**

Global Id: T0605964289  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605964289  
Action Type: ENFORCEMENT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUR NEIGHBORHOOD GAS STATION (Continued)**

**S101299436**

Date: 08/27/2004  
Action: Closure/No Further Action Letter

Global Id: T0605964289  
Action Type: ENFORCEMENT  
Date: 03/05/2004  
Action: Notice of Responsibility

Global Id: T0605964289  
Action Type: ENFORCEMENT  
Date: 05/14/2004  
Action: Staff Letter

Global Id: T0605964289  
Action Type: ENFORCEMENT  
Date: 07/08/2004  
Action: Staff Letter

Global Id: T0605964289  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 90UT229  
Current Status: Certification (Case Closed)  
Released Substance: Waste oil/Used oil  
Date Closed: 06/27/1996  
Case Type: Other Ground Water  
Record ID: RO0002463

Region: ORANGE  
Facility Id: 90UT229  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 06/27/1996  
Case Type: Not reported  
Record ID: RO0002463

Region: ORANGE  
Facility Id: 04UT009  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 08/27/2004  
Case Type: Soil Only  
Record ID: RO0003287

**Orange Co. Industrial Site:**

Case ID: 05IC017  
Region: ORANGE  
Record ID: RO0003356  
Current Status: CLOSED 11/17/2005  
Closure Type: Closure certification issued  
Released Chemical: GASOLINE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
 EPA ID Number

V106  
 ENE  
 1/4-1/2  
 0.427 mi.  
 2252 ft.

**YOUR NEIGHBORHOOD GAS STATION**  
**1045 EL CAMINO DRIVE**  
**COSTA MESA, CA 92692**

**CA LUST S106387353**  
**N/A**

**Site 3 of 3 in cluster V**

**Relative:**  
**Lower**

LUST REG 8:

**Actual:**  
**44 ft.**

Region: 8  
 County: Orange  
 Regional Board: Santa Ana Region  
 Facility Status: Case Closed  
 Case Number: Not reported  
 Local Case Num: 04UT009  
 Case Type: Soil only  
 Substance: Gasoline  
 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: T0605964289  
 How Stopped Date: 9/9/9999  
 Enter Date: Not reported  
 Review Date: 1/21/2004  
 Prelim Assess: Not reported  
 Discover Date: 1/21/2004  
 Enforcement Date: Not reported  
 Close Date: 7/7/2004  
 Workplan: 5/6/2004  
 Pollution Char: 6/10/2004  
 Remed Plan: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Enter Date: Not reported  
 GW Qualifies: Not reported  
 Soil Qualifies: =  
 Operator: Not reported  
 Facility Contact: Not reported  
 Interim: Not reported  
 Oversight Program: LUST  
 Latitude: 0  
 Longitude: 0  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Concentration: 0  
 Max MTBE Soil: 54000  
 MTBE Fuel: 1  
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
 MTBE Class: \*  
 Staff: Not reported  
 Staff Initials: AR  
 Lead Agency: Local Agency  
 Local Agency: 30000L  
 Hydr Basin #: Not reported  
 Beneficial: MUN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**YOUR NEIGHBORHOOD GAS STATION (Continued)**

**S106387353**

Priority: Not reported  
Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

107  
NNW  
1/4-1/2  
0.434 mi.  
2290 ft.

**PRESTIGE STN #673 (ARCO #5185)**  
**1450 BAKER ST**  
**COSTA MESA, CA 92626**

**CA LUST U001559145**  
**CA FID UST N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**47 ft.**

Region: STATE  
Global Id: T0605901168  
Latitude: 33.6801553  
Longitude: -117.918192  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/26/2004  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001528T  
LOC Case Number: 90UT121  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901168  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T0605901168  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: vjahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

Status History:

Global Id: T0605901168  
Status: Completed - Case Closed  
Status Date: 01/26/2004

Global Id: T0605901168  
Status: Open - Case Begin Date  
Status Date: 01/31/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRESTIGE STN #673 (ARCO #5185) (Continued)**

**U001559145**

Regulatory Activities:

Global Id:	T0605901168
Action Type:	ENFORCEMENT
Date:	05/10/1990
Action:	Notice of Responsibility
Global Id:	T0605901168
Action Type:	ENFORCEMENT
Date:	06/12/2003
Action:	Staff Letter
Global Id:	T0605901168
Action Type:	ENFORCEMENT
Date:	01/26/2004
Action:	Closure/No Further Action Letter
Global Id:	T0605901168
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0605901168
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T0605901168
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0605901168
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

ORANGE CO. LUST:

Region:	ORANGE
Facility Id:	90UT121
Current Status:	Certification (Case Closed)
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	01/26/2004
Case Type:	Other Ground Water
Record ID:	RO0002281

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001528T
Local Case Num:	90UT121
Case Type:	Other ground water affected
Substance:	Gasoline
Qty Leaked:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRESTIGE STN #673 (ARCO #5185) (Continued)**

**U001559145**

Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: CLOS  
Funding: Not reported  
How Discovered: LT  
How Stopped: NPP  
Leak Cause: Unknown  
Leak Source: Piping  
Global ID: T0605901168  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 1/31/1990  
Enforcement Date: Not reported  
Close Date: 1/26/2004  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6801553  
Longitude: -117.918192  
MTBE Date: 12/13/2001  
Max MTBE GW: 120  
MTBE Concentration: 0  
Max MTBE Soil: .077  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: VJJ  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30001032  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7144320147  
Mail To: Not reported  
Mailing Address: 17315 STUDEBAKER RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PRESTIGE STN #673 (ARCO #5185) (Continued)**

**U001559145**

Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**W108  
NW  
1/4-1/2  
0.485 mi.  
2560 ft.**

**TEXACO SERVICE STATION 121876  
3001 HARBOR BLVD  
COSTA MESA, CA  
Site 1 of 2 in cluster W**

**RCRA-SQG 1004678032  
FINDS CAR000104182  
CA LUST  
CA FID UST  
CA UST  
CA SWEEPS UST**

**Relative:  
Lower**

RCRA-SQG:

**Actual:  
48 ft.**

Date form received by agency: 02/28/2002  
Facility name: TEXACO SERVICE STATION 121876  
Facility address: 3001 HARBOR  
COSTA MESA, CA 92627  
EPA ID: CAR000104182  
Mailing address: PO BOX 2648  
HOUSTON, TX 77252  
Contact: SONDRA E BIENVENU  
Contact address: Not reported  
Not reported  
Contact country: Not reported  
Contact telephone: (713) 241-5036  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EQUILON ENTERPRISES L L C  
Owner/operator address: P O BOX 2648  
HOUSTON, TX 77252  
Owner/operator country: Not reported  
Owner/operator telephone: (713) 241-5036  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION 121876 (Continued)**

**1004678032**

On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

**Historical Generators:**

Date form received by agency: 02/28/2002  
Facility name: TEXACO SERVICE STATION 121876  
Classification: Large Quantity Generator  
  
Date form received by agency: 08/22/2001  
Facility name: TEXACO SERVICE STATION 121876  
Site name: TEXACO SERVICE STATION  
Classification: Small Quantity Generator

**Hazardous Waste Summary:**

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

**FINDS:**

Registry ID: 110012220907

**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.

HAZARDOUS WASTE BIENNIAL REPORTER

**LUST:**

Region: STATE  
Global Id: T0605901482  
Latitude: 33.680375

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION 121876 (Continued)**

**1004678032**

Longitude: -117.919758  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 01/04/2002  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001981T  
LOC Case Number: 01UT022  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901482  
Contact Type: Regional Board Caseworker  
Contact Name: TOM E. MBEKE-EKANEM  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: tmbeke-ekanem@waterboards.ca.gov  
Phone Number: 9513202007

Global Id: T0605901482  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901482  
Status: Completed - Case Closed  
Status Date: 01/04/2002

Global Id: T0605901482  
Status: Open - Case Begin Date  
Status Date: 10/02/2001

**Regulatory Activities:**

Global Id: T0605901482  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605901482  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605901482  
Action Type: Other



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION 121876 (Continued)**

**1004678032**

Date: 01/01/1950  
Action: Leak Discovery

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 01UT022  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 01/04/2002  
Case Type: Soil Only  
Record ID: RO0001673

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001981T  
Local Case Num: 01UT022  
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: T0605901482  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 10/2/2001  
Enforcement Date: Not reported  
Close Date: 1/4/2002  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.6801413  
Longitude: -117.919517  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION 121876 (Continued)**

**1004678032**

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: AR  
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

**CA FID UST:**

Facility ID: 30001231  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145570285  
Mail To: Not reported  
Mailing Address: 3631 HBR BLVD STE 225 PAU  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92627  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**UST:**

Facility ID: 6373  
Latitude: 33.68014  
Longitude: -117.91944

**SWEEPS UST:**

Status: Active  
Comp Number: 6373  
Number: 9  
Board Of Equalization: 44-000217  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006373-000001  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO SERVICE STATION 121876 (Continued)**

**1004678032**

Status: Active  
Comp Number: 6373  
Number: 9  
Board Of Equalization: 44-000217  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006373-000002  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6373  
Number: 9  
Board Of Equalization: 44-000217  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006373-000003  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 6373  
Number: 9  
Board Of Equalization: 44-000217  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-006373-000004  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**109**  
**West**  
**1/4-1/2**  
**0.488 mi.**  
**2578 ft.**

**UNOCAL #5436**  
**1645 ADAMS AVE**  
**COSTA MESA, CA 92626**

**CA HIST CORTESE**  
**CA LUST**  
**CA FID UST**  
**CA SWEEPS UST**

**S101589108**  
**N/A**

**Relative:**  
**Higher**

**CORTESE:**  
Region: CORTESE  
Facility County Code: 30  
Reg By: LTNKA  
Reg Id: 083002070T

**Actual:**  
**61 ft.**

**LUST:**  
Region: STATE  
Global Id: T0605901538  
Latitude: 33.6727175  
Longitude: -117.9248622  
Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 08/08/1992  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083002070T  
LOC Case Number: 92UT090  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

**Contact:**

Global Id: T0605901538  
Contact Type: Regional Board Caseworker  
Contact Name: NANCY OLSON-MARTIN  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: nolson-martin@waterboards.ca.gov  
Phone Number: Not reported

Global Id: T0605901538  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

**Status History:**

Global Id: T0605901538  
Status: Completed - Case Closed  
Status Date: 08/08/1992

Global Id: T0605901538  
Status: Open - Case Begin Date  
Status Date: 07/14/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL #5436 (Continued)**

**S101589108**

Regulatory Activities:

Global Id: T0605901538  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T0605901538  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605901538  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 92UT090  
Current Status: Certification (Case Closed)  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 08/08/1997  
Case Type: Other Ground Water  
Record ID: RO0000754

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083002070T  
Local Case Num: 92UT090  
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: T0605901538  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 7/14/1992  
Enforcement Date: Not reported  
Close Date: 8/8/1992  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL #5436 (Continued)**

**S101589108**

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: 33.6727175  
Longitude: -117.9248622  
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: NOM  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30001316  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145401206  
Mail To: Not reported  
Mailing Address: 911 WILSHIRE BLVD STE 10  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Active  
Comp Number: 2072  
Number: 9  
Board Of Equalization: 44-001057  
Referral Date: 09-30-92  
Action Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL #5436 (Continued)**

**S101589108**

Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002072-000001  
Actv Date: Not reported  
Capacity: 280  
Tank Use: PETROLEUM  
Stg: P  
Content: Not reported  
Number Of Tanks: 3

Status: Active  
Comp Number: 2072  
Number: 9  
Board Of Equalization: 44-001057  
Referral Date: 09-30-92  
Action Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002072-000005  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2072  
Number: 9  
Board Of Equalization: 44-001057  
Referral Date: 09-30-92  
Action Date: 06-18-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-002072-000006  
Actv Date: Not reported  
Capacity: 10000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**W110 MOBIL STATION (18-HNR)**  
**NW 3006 HARBOR BLVD**  
**1/4-1/2 COSTA MESA, CA 92626**  
**0.497 mi.**  
**2625 ft. Site 2 of 2 in cluster W**

**CA LUST U003433240**  
**CA FID UST N/A**  
**CA SWEEPS UST**  
**CA CHMIRS**

**Relative:** LUST:  
**Lower** Region: STATE  
Global Id: T060592778  
**Actual:** Latitude: 33.680473  
**47 ft.** Longitude: -117.919134  
Case Type: LUST Cleanup Site  
Status: Open - Eligible for Closure  
Status Date: 03/27/2013  
Lead Agency: ORANGE COUNTY LOP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083003863T  
LOC Case Number: 00UT029  
File Location: Local Agency  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
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.

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T060592778  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Global Id: T060592778  
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: rscott@waterboards.ca.gov  
Phone Number: 9513206375

Status History:

Global Id: T060592778  
Status: Open - Case Begin Date  
Status Date: 08/14/2000

Global Id: T060592778  
Status: Open - Eligible for Closure  
Status Date: 03/27/2013

Global Id: T060592778  
Status: Open - Remediation  
Status Date: 08/15/2007

Global Id: T060592778  
Status: Open - Site Assessment  
Status Date: 03/05/2001

Global Id: T060592778  
Status: Open - Verification Monitoring  
Status Date: 11/03/2011

Regulatory Activities:

Global Id: T060592778  
Action Type: ENFORCEMENT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Date: 11/14/2011  
Action: Notice of Responsibility

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 01/04/2005  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 12/20/2007  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 08/11/2009  
Action: Staff Letter

Global Id: T060592778  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Reported

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 08/01/2011  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 07/13/2009  
Action: Staff Letter

Global Id: T060592778  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 03/02/2011  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 04/16/2003  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 12/31/2003  
Action: Staff Letter

Global Id: T060592778  
Action Type: ENFORCEMENT  
Date: 07/09/2004  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	08/31/2004
Action:	Staff Letter
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	08/26/2005
Action:	Staff Letter
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	11/21/2005
Action:	Staff Letter
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	09/25/2007
Action:	Staff Letter
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	03/03/2008
Action:	Staff Letter
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	03/04/2008
Action:	Staff Letter
Global Id:	T060592778
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Excavation
Global Id:	T060592778
Action Type:	RESPONSE
Date:	04/04/2013
Action:	Request for Closure - Regulator Responded
Global Id:	T060592778
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T060592778
Action Type:	ENFORCEMENT
Date:	03/27/2009
Action:	Staff Letter
Global Id:	T060592778
Action Type:	REMEDIATION
Date:	01/01/1950
Action:	Soil Vapor Extraction (SVE)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

ORANGE CO. LUST:

Region: ORANGE  
Facility Id: 00UT029  
Current Status: Remedial Action  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: Not reported  
Case Type: Other Ground Water  
Record ID: RO0001834

LUST REG 8:

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Pollution Characterization  
Case Number: 083003863T  
Local Case Num: 00UT029  
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: SA  
How Stopped: New Tank  
Leak Cause: Unknown  
Leak Source: Tank  
Global ID: T060592778  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 8/14/2000  
Enforcement Date: Not reported  
Close Date: Not reported  
Workplan: Not reported  
Pollution Char: 3/5/2001  
Remed Plan: Not reported  
Remed Action: Not reported  
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: 33.680473  
Longitude: -117.919134  
MTBE Date: 2/6/2004  
Max MTBE GW: 775  
MTBE Concentration: 0  
Max MTBE Soil: 7850  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Staff: RS  
Staff Initials: AR  
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

**CA FID UST:**

Facility ID: 30016853  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7145402445  
Mail To: Not reported  
Mailing Address: 3225 GALLOWS RD ATTN: EAR  
Mailing Address 2: Not reported  
Mailing City,St,Zip: COSTA MESA 92626  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**SWEEPS UST:**

Status: Active  
Comp Number: 3432  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003432-000001  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Status: Active  
Comp Number: 3432  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003432-000002  
Actv Date: Not reported  
Capacity: 8000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3432  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003432-000003  
Actv Date: Not reported  
Capacity: 12000  
Tank Use: M.V. FUEL  
Stg: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 3432  
Number: 9  
Board Of Equalization: 44-000400  
Referral Date: 09-30-92  
Action Date: 09-15-92  
Created Date: 02-29-88  
Tank Status: A  
Owner Tank Id: Not reported  
Swrcb Tank Id: 30-000-003432-000004  
Actv Date: Not reported  
Capacity: 6000  
Tank Use: M.V. FUEL  
Stg: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**CHMIRS:**

OES Incident Number: 05-4776  
OES notification: 08/14/2005  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency 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
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Veeder Root
Incident Date:	8/14/200512:00:00 AM
Admin Agency:	Orange Cnty Management Div - HazMat Div.
Amount:	Not reported
Contained:	Unknown
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	2
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Evacuations: 0  
Number of Injuries: 0  
Number of Fatalities: 0  
Description: Unknown cause for the spill. An unknown amount of gasoline possible spilled into a storm drain.

OES Incident Number: 03-4884  
OES notification: 09/20/2003  
OES Date: Not reported  
OES Time: Not reported  
Incident Date: 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  
Special Studies 1: Not reported  
Special Studies 2: Not reported  
Special Studies 3: Not reported  
Special Studies 4: Not reported  
Special Studies 5: Not reported  
Special Studies 6: Not reported  
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  
Comments: Not reported  
Facility Telephone: Not reported  
Waterway Involved: No  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: Responsible Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 2003  
Agency: Veeder Root  
Incident Date: 9/20/2003 12:00:00 AM  
Admin Agency: Orange Cnty Management Div - HazMat Div.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MOBIL STATION (18-HNR) (Continued)**

**U003433240**

Amount:	Not reported
Contained:	Yes
Site Type:	Service Station
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	Not reported
BBLs:	0
Cups:	0
CUFT:	0
Gallons:	0.000000
Grams:	0
Pounds:	0
Liters:	0
Ounces:	3
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Substance was released due to substance leaking from dispenser where nozzle and hose connect.

111  
 SE  
 1/2-1  
 0.517 mi.  
 2731 ft.

**COSTA MESA AIR NATIONAL GUARD - COSTA MESA AIR NATIONAL GUARD**  
**2651 NEWPORT BOULEVARD**  
**COSTA MESA, CA 92626**

**CA NPDES S100179551**  
**CA LUST N/A**  
**CA MCS**  
**CA Notify 65**

**Relative:**  
**Higher**

**NPDES:**

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	8
Regulatory Measure Id:	351161
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	8 30I021756
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/25/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	US Army Reserve Center 63rd RSC
Discharge Address:	230 R T Jones Road
Discharge City:	Mountain View
Discharge State:	California
Discharge Zip:	94043

**Actual:**  
**69 ft.**

**LUST:**

Region:	STATE
Global Id:	T0605901234
Latitude:	33.6716369
Longitude:	-117.890061



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD - COSTA MESA AIR NATIONAL GUAR (Continued)**

**S100179551**

Case Type: LUST Cleanup Site  
Status: Completed - Case Closed  
Status Date: 06/17/1993  
Lead Agency: ORANGE COUNTY LOP  
Case Worker: DB  
Local Agency: ORANGE COUNTY LOP  
RB Case Number: 083001626T  
LOC Case Number: 92UT101  
File Location: Local Agency  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id: T0605901234  
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: cbernhardt@waterboards.ca.gov  
Phone Number: 9517824495

Global Id: T0605901234  
Contact Type: Local Agency Caseworker  
Contact Name: DENAMARIE BAKER  
Organization Name: ORANGE COUNTY LOP  
Address: 1241 E. DYER ROAD, STE. 120  
City: SANTA ANA  
Email: dbaker@ochca.com  
Phone Number: 7144336255

Status History:

Global Id: T0605901234  
Status: Completed - Case Closed  
Status Date: 06/17/1993

Global Id: T0605901234  
Status: Open - Case Begin Date  
Status Date: 08/21/1992

Regulatory Activities:

Global Id: T0605901234  
Action Type: REMEDIATION  
Date: 01/01/1950  
Action: Excavation

Global Id: T0605901234  
Action Type: Other  
Date: 01/01/1950  
Action: Leak Discovery

Global Id: T0605901234  
Action Type: Other  
Date: 01/01/1950

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD - COSTA MESA AIR NATIONAL GUAR (Continued)**

**S100179551**

Action: Leak Reported

**ORANGE CO. LUST:**

Region: ORANGE  
Facility Id: 92UT101  
Current Status: Certification (Case Closed)  
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4  
Date Closed: 06/17/1993  
Case Type: Soil Only  
Record ID: RO0002284

Region: ORANGE  
Facility Id: 92UT101  
Current Status: Not reported  
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded  
Date Closed: 06/17/1993  
Case Type: Not reported  
Record ID: RO0002284

**LUST REG 8:**

Region: 8  
County: Orange  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083001626T  
Local Case Num: 92UT101  
Case Type: Soil only  
Substance: 12034,800661  
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: T0605901234  
How Stopped Date: 9/9/9999  
Enter Date: Not reported  
Review Date: Not reported  
Prelim Assess: Not reported  
Discover Date: 8/21/1992  
Enforcement Date: Not reported  
Close Date: 6/17/1993  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Enter Date: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD - COSTA MESA AIR NATIONAL GUAR (Continued)**

**S100179551**

Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.67068943  
Longitude: -117.8914304  
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: AR  
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

**MCS:**

Global Id: T0605959838  
Latitude: 33.67107  
Longitude: -117.8912  
Case Type: Military Cleanup Site  
Status: Open - Site Assessment  
Status Date: 05/15/2012  
Lead Agency: SANTA ANA RWQCB (REGION 8)  
Caseworker: PAH  
Local Agency: ORANGE COUNTY  
RB Case Number: Not reported  
LOC Case Number: 30970004  
File Location: DTSC  
Potential Media Affect: Soil  
EDR Link ID: T0605959838  
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating, Diesel  
Site History: not on Appendix A list.

[Click here to access the California GeoTracker records for this facility:](#)

**Notify 65:**

Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 90220

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

112  
ESE  
1/2-1  
0.818 mi.  
4320 ft.

(CMAFP) SANTA ANA AIRUG  
SANTA ANA, CA

CA ENVIROSTOR S107735759  
N/A

Relative:  
Lower

ENVIROSTOR:

Site Type: Military Evaluation  
Site Type Detailed: FUDS  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Douglas Bautista  
Division Branch: Cleanup Cypress  
Facility ID: 80000028  
Site Code: Not reported  
Assembly: 74  
Senate: 37  
Special Program: Not reported  
Status: Inactive - Needs Evaluation  
Status Date: 07/01/2005  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: DERA  
Latitude: 33.66861  
Longitude: -117.8916  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CA99799F693800  
Alias Type: Federal Facility ID  
Alias Name: J09CA0042  
Alias Type: INPR  
Alias Name: 80000028  
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

113  
 East  
 1/2-1  
 0.940 mi.  
 4964 ft.

**COSTA MESA AIR NATIONAL GUARD  
 S OF PRESIDIO DR & WEST OF NEWPORT BLVD  
 COSTA MESA, CA 92626**

**CA HIST Cal-Sites  
 CA Cortese  
 CA RESPONSE  
 CA ENVIROSTOR**

**S101481491  
 N/A**

**Relative:  
 Lower**

Calsite:

**Actual:  
 46 ft.**

Facility ID: 30970004  
 Region: 3  
 Region Name: GLENDALE  
 Branch: SO  
 Branch Name: OMF-SOUTHERN CALIF  
 File Name: Not reported  
 State Senate District: 01011995  
 Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
 Lead Agency: DTSC  
 Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
 Facility Type: OPEN  
 Type Name: OPEN MILITARY BASE  
 NPL: Not Listed  
 SIC Code: 97  
 SIC Name: NATIONAL SECURITY/INTERNATIONAL AFFAIRS  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Not reported  
 Staff Member Responsible for Site: Not reported  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: Not reported  
 Region Water Control Board Name: Not reported  
 Lat/Long Direction: Not reported  
 Lat/Long (dms): 0 0 0 / 0 0 0  
 Lat/long Method: Not reported  
 Lat/Long Description: Not reported  
 State Assembly District Code: 68  
 State Senate District Code: 35  
 Facility ID: 30970004  
 Activity: BWEBS  
 Activity Name: BASEWIDE ENVIRONMENTAL BASELINE SURVEY  
 AWP Code: SITE1  
 Proposed Budget: 0  
 AWP Completion Date: 12162002  
 Revised Due Date: Not reported  
 Comments Date: 12162002  
 Est Person-Yrs to complete: 0  
 Estimated Size: Not reported  
 Request to Delete Activity: Not reported  
 Activity Status: AWP  
 Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
 Liquids Removed (Gals): 0  
 Liquids Treated (Gals): 0  
 Action Included Capping: Not reported  
 Well Decommissioned: Not reported  
 Action Included Fencing: Not reported  
 Removal Action Certification: Not reported  
 Activity Comments: Not reported  
 For Commercial Reuse: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Facility ID: 30970004  
Activity: SS  
Activity Name: SITE SCREENING  
AWP Code: Not reported  
Proposed Budget: 0  
AWP Completion Date: 08081991  
Revised Due Date: Not reported  
Comments Date: 08081991  
Est Person-Yrs to complete: 0  
Estimated Size: Not reported  
Request to Delete Activity: Not reported  
Activity Status: AWP  
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE  
Liquids Removed (Gals): 0  
Liquids Treated (Gals): 0  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: 0  
For Industrial Reuse: 0  
For Residential Reuse: 0  
Unknown Type: 0  
Alternate Address: S OF PRESIDIO DR & WEST OF NEWPORT BLVD  
Alternate City,St,Zip: COSTA MESA, CA 92626  
Background Info: The Costa Mesa ANG station is an 8.5 acre facility that has been active since 1964. The facility is located on former Santa Ana Army Air Base property. Activities include routine maintenance of vehicles, generators, and various ground equipment. Hazardous wastes resulting from these activities include varying amounts of waste fuels, oils, paints, thinners, and solvents. A preliminary assessment was submitted in December 1990 where a recommendation for NFA was concluded.  
Comments Date: 08081991  
Comments: Letter sent to Air National Guard (ANG) stating no concurrence  
Comments Date: 08081991  
Comments: with nfa recommendation & explaining pea process and funding options  
Comments Date: 08081991  
Comments: on for DTSC oversight.  
Comments Date: 12162002  
Comments: BWEBS - SITE 1: In June 2002, the Phase II EBS was submitted presenting the results of the soil and groundwater field investigations.  
Comments Date: 12162002  
Comments: A total of nine areas of concern (AOCs) were identified where  
Comments Date: 12162002  
Comments: the potential risks to human health and the environment may exist.  
Comments Date: 12162002  
Comments: These include a battery room floor drain, motor vehicle lift area  
Comments Date: 12162002  
Comments: a, fuel storage area, grease rack, oil and water separator, diesel  
Comments Date: 12162002  
Comments: refueller spill, groundwater sampling, lead-based paint sampling

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Comments Date: 12162002  
Comments: , and hydraulic fluid spill area. Contaminants detected include p  
Comments Date: 12162002  
Comments: etroleum hydrocarbons, volatile organic compounds, and lead-based  
Comments Date: 12162002  
Comments: paint. Also, the extent of contamination was not determined. D  
Comments Date: 12162002  
Comments: TSC submitted comments on August 26, 2002 not concurring with the  
Comments Date: 12162002  
Comments: No Further Action recommendations by the Air Force, and requeste  
Comments Date: 12162002  
Comments: d additional sampling to be conducted to determine the extent of  
Comments Date: 12162002  
Comments: contamination. The Air Force responded with a final letter on Oc  
Comments Date: 12162002  
Comments: tober 8, 2002 finalizing the EBS report and deferring any future  
Comments Date: 12162002  
Comments: actions until a relocation date for the CMANG is known.  
ID Name: Not reported  
ID Value: Not reported  
Alternate Name: SANTA ANA ARMY BASE (1940S & 50S)COSTA MESA AIR NATIONAL GUARD  
Special Programs Code: DSMOA  
Special Programs Name: DEFENSE MEMORANDUM OF AGREEMENT

**CORTESE:**

Region: CORTESE  
Envirostor Id: 30970004  
Site/Facility Type: STATE RESPONSE  
Cleanup Status: ACTIVE  
Status Date: 06/28/2011  
Site Code: 400498  
Latitude: 33.671666  
Longitude: -117.88888  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: export  
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

**AWP:**

AWP Facility ID: 30970004  
Region Code: 3  
Region: GLENDALE  
SMBR Branch Code: SO  
SMBR Branch Unit: OMF-SOUTHERN CALIF  
Site Name.: Not reported  
Current Status Date: 01011995  
Current Status: ANNUAL WORKPLAN - ACTIVE SITE  
Lead Agency Code: DTSC  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Facility Type: Open military facility  
Awp Site Type: OPEN MILITARY BASE  
NPL: Not Listed  
Tier Of AWP Site: Not reported  
Source Of Funding: Not reported  
Responsible Staff Member: Not reported  
Supervisor Responsible: Not reported  
SIC Code: 97  
Facility SIC: NATIONAL SECURITY/INTERNATIONAL AFFAIRS  
RWQCB Code: Not reported  
RWQCB Associated With Site: Not reported  
Site Access Controlled: Not reported  
Site Listed HWS List: Not reported  
Hazard Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
# Of Contamination Sources: 0  
Lat/Long: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Description Of Entity: Not reported  
State Assembly Distt Code: 68  
State Senate District: 35

**RESPONSE:**

Facility ID: 30970004  
Site Type: State Response  
Site Type Detail: Open Base  
Acres: 8.5  
National Priorities List: NO  
Cleanup Oversight Agencies: DTSC  
Lead Agency: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Isaac Hirbawi  
Supervisor: Manny Alonzo  
Division Branch: Cleanup Cypress  
Site Code: 400498  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 74  
Senate: 37  
Special Program Status: DSMOA  
Status: Active  
Status Date: 06/28/2011  
Restricted Use: NO  
Funding: DERA  
Latitude: 33.67166  
Longitude: -117.8888  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: SANTA ANA ARMY BASE (1940S & 50S)  
Alias Type: Alternate Name  
Alias Name: T0605959838  
Alias Type: GeoTracker Global ID  
Alias Name: 400498



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Alias Type: Project Code (Site Code)  
Alias Name: 30970004  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 07/24/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Baseline Survey  
Completed Date: 12/16/2002  
Comments: BWEBS - SITE 1: In June 2002, the Phase II EBS was submitted presenting the results of the soil and groundwater field investigations. A total of nine areas of concern (AOCs) were identified where potential risks to human health and the environment may exist. These include a battery room floor drain, motor vehicle lift area, fuel storage area, grease rack, oil and water separator, diesel refueller spill, groundwater sampling, lead-based paint sampling, and hydraulic fluid spill area. Contaminants detected include petroleum hydrocarbons, volatile organic compounds, and lead-based paint. Also, the extent of contamination was not determined. DTSC submitted comments on August 26, 2002 not concurring with the No Further Action recommendations by the Air Force, and requested additional sampling to be conducted to determine the extent of contamination. The Air Force responded with a final letter on October 8, 2002 finalizing the EBS report and deferring any future actions until a relocation date for the CMANG is known.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 08/08/1991  
Comments: Letter sent to Air National Guard (ANG) stating no concurrence with nfa recommendation & explaining pea process and funding option for DTSC oversight.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 03/04/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)  
Completed Date: 08/25/2012  
Comments: Final work plan was submitted in August 2012 and field activities are scheduled for September 2012.

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedial Action Plan  
Future Due Date: 2014  
Schedule Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Schedule Sub Area Name: Not reported  
Schedule Document Type: Removal Action Completion Report  
Schedule Due Date: 04/13/2014  
Schedule Revised Date: 01/06/2015  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Fact Sheets  
Schedule Due Date: 02/28/2014  
Schedule Revised Date: 11/23/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Feasibility Study Report  
Schedule Due Date: 11/24/2013  
Schedule Revised Date: 08/19/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Removal Action Workplan  
Schedule Due Date: 02/17/2014  
Schedule Revised Date: 11/12/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)  
Schedule Due Date: 11/21/2013  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Remedial Investigation Report  
Schedule Due Date: 04/29/2014  
Schedule Revised Date: Not reported

**ENVIROSTOR:**

Site Type: State Response  
Site Type Detailed: Open Base  
Acres: 8.5  
NPL: NO  
Regulatory Agencies: DTSC  
Lead Agency: DTSC  
Program Manager: Isaac Hirbawi  
Supervisor: Manny Alonzo  
Division Branch: Cleanup Cypress  
Facility ID: 30970004  
Site Code: 400498  
Assembly: 74  
Senate: 37  
Special Program: DSMOA  
Status: Active  
Status Date: 06/28/2011  
Restricted Use: NO  
Site Mgmt. Req.: NONE SPECIFIED  
Funding: DERA  
Latitude: 33.67166  
Longitude: -117.8888  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED, NONE SPECIFIED  
Potential Description: NONE SPECIFIED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Alias Name: SANTA ANA ARMY BASE (1940S & 50S)  
Alias Type: Alternate Name  
Alias Name: T0605959838  
Alias Type: GeoTracker Global ID  
Alias Name: 400498  
Alias Type: Project Code (Site Code)  
Alias Name: 30970004  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 07/24/1991  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Baseline Survey  
Completed Date: 12/16/2002  
Comments: BWEBS - SITE 1: In June 2002, the Phase II EBS was submitted presenting the results of the soil and groundwater field investigations. A total of nine areas of concern (AOCs) were identified where potential risks to human health and the environment may exist. These include a battery room floor drain, motor vehicle lift area, fuel storage area, grease rack, oil and water separator, diesel refueller spill, groundwater sampling, lead-based paint sampling, and hydraulic fluid spill area. Contaminants detected include petroleum hydrocarbons, volatile organic compounds, and lead-based paint. Also, the extent of contamination was not determined. DTSC submitted comments on August 26, 2002 not concurring with the No Further Action recommendations by the Air Force, and requested additional sampling to be conducted to determine the extent of contamination. The Air Force responded with a final letter on October 8, 2002 finalizing the EBS report and deferring any future actions until a relocation date for the CMANG is known.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 08/08/1991  
Comments: Letter sent to Air National Guard (ANG) stating no concurrence with nfa recommendation & explaining process and funding option for DTSC oversight.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Inventory Project Report (INPR)  
Completed Date: 03/04/1993  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)  
Completed Date: 08/25/2012  
Comments: Final work plan was submitted in August 2012 and field activities are scheduled for September 2012.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COSTA MESA AIR NATIONAL GUARD (Continued)**

**S101481491**

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Remedial Action Plan  
Future Due Date: 2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Removal Action Completion Report  
Schedule Due Date: 04/13/2014  
Schedule Revised Date: 01/06/2015  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Fact Sheets  
Schedule Due Date: 02/28/2014  
Schedule Revised Date: 11/23/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Feasibility Study Report  
Schedule Due Date: 11/24/2013  
Schedule Revised Date: 08/19/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Removal Action Workplan  
Schedule Due Date: 02/17/2014  
Schedule Revised Date: 11/12/2014  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)  
Schedule Due Date: 11/21/2013  
Schedule Revised Date: Not reported  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Remedial Investigation Report  
Schedule Due Date: 04/29/2014  
Schedule Revised Date: Not reported

Count: 12 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COSTA MESA	S106839729	SOUTH COAST CENTER ASSOCIATES	3070, 3080 & 3090 BRISTOL ST	92626	CA EMI
COSTA MESA	S113117688	BP WEST COAST PRODUCTS LLC 07009	799 19TH	92626	CA HAZNET
COSTA MESA	S113165847	ORANGE COUNTY MOTORSPORT	3198-H AIRPORT LOOP	92626	CA HAZNET
COSTA MESA	S113044921	SOUTH COAST AUTO CLINIC	3191 "B" AIRPORT LOOP	92626	CA HAZNET
COSTA MESA	S113072382	SOUTH COAST PLAZA	611 ATON BLVD #710	92626	CA HAZNET
COSTA MESA	S113072381	SOUTH COAST PLAZA	600 ATON BLVD	92626	CA HAZNET
COSTA MESA	1014671178	4579 ORANGE COUNTY ENVIRONMENTAL H	1201 BAKER E		FINDS
COSTA MESA	1014671905	17662 ORANGE COUNTY ENVIRONMENTAL	300 BRISTOL ST S/E		FINDS
COSTA MESA	S106927785	JIFFY LUBE	375 S BRISTOL 110	92626	CA SWEEPS UST
COSTA MESA	1007199132	PACIFIC BELL	2280 FAIRVIEW AVE	92626	RCRA-LQG
COSTA MESA	S105023431	COSTA MESA AIR NATIONAL G	S. OF PRESIDIO DR & W. OF	92626	CA HIST CORTESE
COSTA MESA	1014674744	SOUTH COAST METRO CENTER	UNKNOWN		FINDS

# 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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 10/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 10/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 10/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 10/18/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

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: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 10/18/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
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: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
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: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
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: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 36

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 10/02/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **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: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

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: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

### **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: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 08/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/02/2013
	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: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 10/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

## ***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: 09/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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: 09/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/18/2013
	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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/19/2013	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 08/19/2013	Telephone: 916-341-6320
Date Made Active in Reports: 10/08/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

## **State and tribal leaking storage tank lists**

### 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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

### 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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

### LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## 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	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 09/16/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/17/2013	Telephone: see region list
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 10/17/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

## 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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## SLIC: Statewide SLIC Cases

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: 09/16/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/17/2013	Telephone: 866-480-1028
Date Made Active in Reports: 10/17/2013	Last EDR Contact: 10/17/2013
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/30/2013
	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	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## 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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: Varies

## 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: Semi-Annually

## 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: Semi-Annually

## 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: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: Annually

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013  
Date Data Arrived at EDR: 02/06/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 65

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Quarterly

### 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: 09/28/2012  
Date Data Arrived at EDR: 11/01/2012  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 162

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 08/02/2013  
Next Scheduled EDR Contact: 11/11/2013  
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: 08/27/2012  
Date Data Arrived at EDR: 08/28/2012  
Date Made Active in Reports: 10/16/2012  
Number of Days to Update: 49

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Quarterly

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011  
Date Data Arrived at EDR: 09/13/2011  
Date Made Active in Reports: 11/11/2011  
Number of Days to Update: 59

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
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: 02/06/2013  
Date Data Arrived at EDR: 02/08/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Semi-Annually

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 02/28/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 43

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

## **State and tribal registered storage tank lists**

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/16/2013	Source: SWRCB
Date Data Arrived at EDR: 09/17/2013	Telephone: 916-341-5851
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 10/17/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 10/07/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

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: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

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: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

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: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/28/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Semi-Annually

### 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: 08/02/2012	Source: EPA Region 5
Date Data Arrived at EDR: 08/03/2012	Telephone: 312-886-6136
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/28/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/11/2014
	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: 02/06/2013	Source: EPA Region 4
Date Data Arrived at EDR: 02/08/2013	Telephone: 404-562-9424
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Semi-Annually

### 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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 08/02/2013
Number of Days to Update: 156	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/17/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 09/05/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 09/05/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Quarterly

### 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: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 10/02/2012	Telephone: 617-918-1102
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/01/2013
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Varies

## **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: 06/24/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/25/2013	Telephone: 202-566-2777
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 09/24/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### 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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: No Update Planned

## 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: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/16/2013  
Date Data Arrived at EDR: 09/19/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 28

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 04/26/2013  
Date Data Arrived at EDR: 04/26/2013  
Date Made Active in Reports: 05/16/2013  
Number of Days to Update: 20

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 10/01/2013  
Next Scheduled EDR Contact: 12/02/2013  
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: 07/31/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/06/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 22

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/04/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Quarterly

## 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: 09/05/2013  
Date Data Arrived at EDR: 09/05/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
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

## 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: 06/30/2013  
Date Data Arrived at EDR: 09/03/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 37

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

## US HIST CDL: National Clandestine Laboratory Register

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: 09/01/2007  
Date Data Arrived at EDR: 11/19/2008  
Date Made Active in Reports: 03/30/2009  
Number of Days to Update: 131

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Registered Storage Tanks**

### 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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	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: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 09/03/2013
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/16/2013
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Local Land Records**

### 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: 02/06/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/25/2013	Telephone: 202-564-6023
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 07/24/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/14/2013	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/17/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/21/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/11/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 09/11/2013  
Next Scheduled EDR Contact: 12/23/2013  
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: 12/31/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 55

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/01/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Annually

### 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: 03/12/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 06/25/2013  
Number of Days to Update: 55

Source: Office of Emergency Services  
Telephone: 916-845-8400  
Last EDR Contact: 10/30/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Varies

### LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 09/16/2013  
Date Data Arrived at EDR: 09/17/2013  
Date Made Active in Reports: 10/16/2013  
Number of Days to Update: 29

Source: State Water Quality Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 10/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 09/16/2013  
Date Data Arrived at EDR: 09/17/2013  
Date Made Active in Reports: 10/16/2013  
Number of Days to Update: 29

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 10/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/08/2013	Telephone: (415) 495-8895
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 10/02/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Varies

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/05/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/18/2013
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Semi-Annually

### 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: 12/31/2011	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/26/2013	Telephone: 202-528-4285
Date Made Active in Reports: 03/13/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 08/07/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

## 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: 12/18/2012  
Date Data Arrived at EDR: 03/13/2013  
Date Made Active in Reports: 04/12/2013  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/13/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Annually

## 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: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/28/2013  
Next Scheduled EDR Contact: 09/09/2013  
Data Release Frequency: Varies

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 09/05/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/05/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Semi-Annually

## 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: 12/31/2011  
Date Data Arrived at EDR: 07/31/2013  
Date Made Active in Reports: 09/13/2013  
Number of Days to Update: 44

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/30/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Annually

## 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: 12/31/2006  
Date Data Arrived at EDR: 09/29/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 64

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/24/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Every 4 Years

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

## 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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2013
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/09/2013
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## 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: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/28/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012	Source: EPA
Date Data Arrived at EDR: 01/16/2013	Telephone: 202-566-0500
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 10/18/2013
Number of Days to Update: 114	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Annually

## 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: 03/14/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/20/2013	Telephone: 301-415-7169
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 112	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

## 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: 04/09/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/11/2013	Telephone: 202-343-9775
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 10/09/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/20/2014
	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: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (415) 947-8000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/11/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## 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: 05/08/2012  
Date Data Arrived at EDR: 05/25/2012  
Date Made Active in Reports: 07/10/2012  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
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: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/26/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Biennially

## 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

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/19/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 50

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 08/19/2013  
Next Scheduled EDR Contact: 12/02/2013  
Data Release Frequency: Quarterly

## UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 08/21/2013  
Date Data Arrived at EDR: 09/17/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 30

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 09/17/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/05/2013	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 07/05/2013	Telephone: 916-323-3400
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 10/01/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 01/13/2014
	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 [CAL SITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## 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: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 09/23/2013
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: No Update Planned

## 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: 09/10/2013	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 09/11/2013	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Annually

## 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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/30/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/13/2014
	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: 08/09/2013	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/13/2013	Telephone: 916-445-9379
Date Made Active in Reports: 10/08/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

Date of Government Version: 12/31/2012	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/16/2013	Telephone: 916-255-1136
Date Made Active in Reports: 08/26/2013	Last EDR Contact: 10/15/2013
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010	Source: California Air Resources Board
Date Data Arrived at EDR: 06/25/2013	Telephone: 916-322-2990
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 58	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Varies

## 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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Semi-Annually

## 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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/21/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/03/2014
	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: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/27/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/02/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/11/2013
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/16/2013  
Date Data Arrived at EDR: 09/19/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 28

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/29/2013  
Date Data Arrived at EDR: 09/13/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 31

Source: Department of Public Health  
Telephone: 916-558-1784  
Last EDR Contact: 09/11/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

## COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 10/15/2013  
Next Scheduled EDR Contact: 01/27/2014  
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: 08/17/2010  
Date Data Arrived at EDR: 01/03/2011  
Date Made Active in Reports: 03/21/2011  
Number of Days to Update: 77

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/13/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

## 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: 07/15/2013  
Date Data Arrived at EDR: 07/16/2013  
Date Made Active in Reports: 08/12/2013  
Number of Days to Update: 27

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 10/15/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: Quarterly

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/28/2013  
Date Data Arrived at EDR: 08/27/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 44

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/27/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/12/2013  
Date Data Arrived at EDR: 08/20/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 49

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/15/2013  
Next Scheduled EDR Contact: 12/02/2013  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 08/08/2013  
Date Made Active in Reports: 08/27/2013  
Number of Days to Update: 19

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 10/25/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013  
Date Data Arrived at EDR: 02/14/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 13

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 09/24/2013  
Next Scheduled EDR Contact: 01/20/2014  
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 1931 and 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

## 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: 11/11/2011  
Date Data Arrived at EDR: 05/18/2012  
Date Made Active in Reports: 05/25/2012  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/16/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Varies

## FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered 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: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 10/18/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 10/04/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Quarterly

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/22/2013
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Quarterly

## 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: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

## 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: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/07/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 US Hist Auto Stat: EDR Exclusive Historic Gas 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 US Hist Cleaners: EDR Exclusive Historic Dry 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 US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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: N/A  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### 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: 07/25/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 14

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/25/2013  
Date Data Arrived at EDR: 07/26/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 25

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 06/20/2013  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 61

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 09/10/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/02/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 20

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 10/09/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

#### CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 06/30/2013  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 16

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Quarterly

### COLUSA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list.

Date of Government Version: 06/20/2013  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 08/09/2013  
Number of Days to Update: 39

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 10/04/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Varies

## CONTRA COSTA COUNTY:

### Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2013  
Date Data Arrived at EDR: 08/23/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 46

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 08/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

### CUPA Facility List

Cupa Facility list

Date of Government Version: 01/09/2013  
Date Data Arrived at EDR: 01/10/2013  
Date Made Active in Reports: 02/25/2013  
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 09/20/2013  
Next Scheduled EDR Contact: 08/19/2013  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 08/20/2013  
Date Data Arrived at EDR: 08/23/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 46

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 08/05/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

## FRESNO COUNTY:

### 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: 06/30/2013  
Date Data Arrived at EDR: 07/16/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 8

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 10/09/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: Semi-Annually

## HUMBOLDT COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility list.

Date of Government Version: 08/09/2013  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 13

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/09/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 07/26/2013  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 08/22/2013  
Number of Days to Update: 13

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013  
Date Data Arrived at EDR: 09/11/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 33

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 09/10/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010  
Date Data Arrived at EDR: 09/01/2010  
Date Made Active in Reports: 09/30/2010  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/22/2013  
Date Data Arrived at EDR: 08/27/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 42

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## LAKE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list

Date of Government Version: 01/23/2013  
Date Data Arrived at EDR: 01/25/2013  
Date Made Active in Reports: 02/27/2013  
Number of Days to Update: 33

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 10/21/2013  
Next Scheduled EDR Contact: 02/03/2014  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013  
Date Data Arrived at EDR: 06/17/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 65

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 10/09/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/22/2013  
Date Data Arrived at EDR: 07/22/2013  
Date Made Active in Reports: 08/26/2013  
Number of Days to Update: 35

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/22/2013  
Next Scheduled EDR Contact: 02/03/2014  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009  
Date Data Arrived at EDR: 03/10/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 29

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/17/2013  
Next Scheduled EDR Contact: 11/04/2013  
Data Release Frequency: Varies

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013  
Date Data Arrived at EDR: 02/21/2013  
Date Made Active in Reports: 03/25/2013  
Number of Days to Update: 32

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 10/21/2013  
Next Scheduled EDR Contact: 02/03/2014  
Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2013  
Date Data Arrived at EDR: 08/01/2013  
Date Made Active in Reports: 08/27/2013  
Number of Days to Update: 26

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 10/21/2013  
Next Scheduled EDR Contact: 02/03/2014  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 33

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 10/09/2013  
Next Scheduled EDR Contact: 01/27/2014  
Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### 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: 09/20/2013  
Date Data Arrived at EDR: 09/24/2013  
Date Made Active in Reports: 10/18/2013  
Number of Days to Update: 24

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 11/26/2012  
Date Data Arrived at EDR: 11/28/2012  
Date Made Active in Reports: 01/21/2013  
Number of Days to Update: 54

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 10/07/2013  
Next Scheduled EDR Contact: 01/20/2014  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 08/23/2013  
Date Data Arrived at EDR: 08/27/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 42

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

### CUPA Facility List

Date of Government Version: 09/04/2013  
Date Data Arrived at EDR: 09/05/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 39

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2013  
Date Data Arrived at EDR: 09/12/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 32

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011  
Date Data Arrived at EDR: 12/06/2011  
Date Made Active in Reports: 02/07/2012  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008  
Date Data Arrived at EDR: 01/16/2008  
Date Made Active in Reports: 02/08/2008  
Number of Days to Update: 23

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 05/29/2013  
Date Data Arrived at EDR: 05/30/2013  
Date Made Active in Reports: 07/15/2013  
Number of Days to Update: 46

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 08/15/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/13/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 56

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/13/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 56

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2013  
Date Data Arrived at EDR: 08/13/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 56

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/22/2013  
Date Data Arrived at EDR: 08/22/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 49

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 08/20/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/18/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 6

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2013  
Date Data Arrived at EDR: 07/18/2013  
Date Made Active in Reports: 08/20/2013  
Number of Days to Update: 33

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 01/08/2014  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 05/03/2013  
Date Data Arrived at EDR: 07/08/2013  
Date Made Active in Reports: 07/24/2013  
Number of Days to Update: 16

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/07/2013  
Next Scheduled EDR Contact: 01/20/2014  
Data Release Frequency: Quarterly

## 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: 05/03/2013  
Date Data Arrived at EDR: 07/08/2013  
Date Made Active in Reports: 08/23/2013  
Number of Days to Update: 46

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/07/2013  
Next Scheduled EDR Contact: 01/20/2014  
Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### 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: 09/03/2013  
Date Data Arrived at EDR: 09/03/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 37

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 08/08/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### 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: 09/23/2013  
Date Data Arrived at EDR: 09/24/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 23

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/23/2013  
Next Scheduled EDR Contact: 12/23/2013  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2012  
Date Data Arrived at EDR: 11/06/2012  
Date Made Active in Reports: 11/30/2012  
Number of Days to Update: 24

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 10/28/2013  
Next Scheduled EDR Contact: 02/11/2014  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: San Diego County Department of Environmental Health
Date Data Arrived at EDR: 06/15/2010	Telephone: 619-338-2371
Date Made Active in Reports: 07/09/2010	Last EDR Contact: 09/10/2013
Number of Days to Update: 24	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008	Source: Department Of Public Health San Francisco County
Date Data Arrived at EDR: 09/19/2008	Telephone: 415-252-3920
Date Made Active in Reports: 09/29/2008	Last EDR Contact: 08/07/2013
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010	Source: Department of Public Health
Date Data Arrived at EDR: 03/10/2011	Telephone: 415-252-3920
Date Made Active in Reports: 03/15/2011	Last EDR Contact: 08/07/2013
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/25/2013
	Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/25/2013	Source: Environmental Health Department
Date Data Arrived at EDR: 09/27/2013	Telephone: N/A
Date Made Active in Reports: 10/18/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/26/2013	Source: San Luis Obispo County Public Health Department
Date Data Arrived at EDR: 08/27/2013	Telephone: 805-781-5596
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 08/22/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/09/2013
	Data Release Frequency: Varies

## SAN MATEO COUNTY:

### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 08/23/2013  
Number of Days to Update: 49

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/13/2013  
Next Scheduled EDR Contact: 09/30/2013  
Data Release Frequency: Annually

## Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/16/2013  
Date Data Arrived at EDR: 09/17/2013  
Date Made Active in Reports: 10/16/2013  
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### 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: 09/23/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 09/03/2013  
Date Data Arrived at EDR: 09/04/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 36

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Varies

### 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

### LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/03/2013  
Date Data Arrived at EDR: 09/06/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 38

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 09/03/2013  
Next Scheduled EDR Contact: 12/16/2013  
Data Release Frequency: Annually

### Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/14/2013  
Date Data Arrived at EDR: 08/16/2013  
Date Made Active in Reports: 10/08/2013  
Number of Days to Update: 53

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 08/08/2013  
Next Scheduled EDR Contact: 11/25/2013  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

CUPA Facility List  
CUPA facility listing.

Date of Government Version: 08/22/2013  
Date Data Arrived at EDR: 08/27/2013  
Date Made Active in Reports: 10/10/2013  
Number of Days to Update: 44

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SHASTA COUNTY:

CUPA Facility List  
Cupa Facility List.

Date of Government Version: 09/09/2013  
Date Data Arrived at EDR: 09/10/2013  
Date Made Active in Reports: 10/14/2013  
Number of Days to Update: 34

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 08/22/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/18/2013  
Date Data Arrived at EDR: 09/20/2013  
Date Made Active in Reports: 10/17/2013  
Number of Days to Update: 27

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/18/2013  
Date Data Arrived at EDR: 09/24/2013  
Date Made Active in Reports: 10/18/2013  
Number of Days to Update: 24

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

Cupa Facility List  
Cupa Facility list

Date of Government Version: 07/05/2013  
Date Data Arrived at EDR: 07/05/2013  
Date Made Active in Reports: 08/21/2013  
Number of Days to Update: 47

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 09/30/2013  
Next Scheduled EDR Contact: 01/13/2014  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/02/2013	Source: Department of Health Services
Date Data Arrived at EDR: 07/05/2013	Telephone: 707-565-6565
Date Made Active in Reports: 08/12/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/10/2013	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 09/11/2013	Telephone: 530-822-7500
Date Made Active in Reports: 10/14/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 33	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Semi-Annually

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 01/14/2013	Source: Division of Environmental Health
Date Data Arrived at EDR: 01/16/2013	Telephone: 209-533-5633
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

## VENTURA COUNTY:

### 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: 08/19/2013	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 08/27/2013	Telephone: 805-654-2813
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 10/07/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Annually

### Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/19/2013
Number of Days to Update: 37	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/28/2013	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 06/24/2013	Telephone: 805-654-2813
Date Made Active in Reports: 08/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2013	Source: Environmental Health Division
Date Data Arrived at EDR: 09/18/2013	Telephone: 805-654-2813
Date Made Active in Reports: 10/16/2013	Last EDR Contact: 09/16/2013
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/30/2013
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/24/2013	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/26/2013	Telephone: 530-666-8646
Date Made Active in Reports: 08/20/2013	Last EDR Contact: 09/23/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/08/2014
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 08/01/2013	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/05/2013	Telephone: 530-749-7523
Date Made Active in Reports: 08/22/2013	Last EDR Contact: 07/31/2013
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/18/2013
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 08/19/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 12/02/2013
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/18/2013  
Next Scheduled EDR Contact: 01/27/2014  
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: 08/01/2013  
Date Data Arrived at EDR: 08/07/2013  
Date Made Active in Reports: 09/10/2013  
Number of Days to Update: 34

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/07/2013  
Next Scheduled EDR Contact: 11/18/2013  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 07/24/2013  
Date Made Active in Reports: 08/19/2013  
Number of Days to Update: 26

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/21/2013  
Next Scheduled EDR Contact: 02/03/2014  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 06/21/2013  
Date Made Active in Reports: 08/05/2013  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/23/2013  
Next Scheduled EDR Contact: 12/09/2013  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 08/09/2013  
Date Made Active in Reports: 09/27/2013  
Number of Days to Update: 49

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/16/2013  
Next Scheduled EDR Contact: 12/30/2013  
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

ORANGE COAST COLLEGE  
2701 FAIRVIEW ROAD  
COSTA MESA, CA 92626

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.672 - 33° 40' 19.20"
Longitude (West):	117.9116 - 117° 54' 41.76"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	415490.2
UTM Y (Meters):	3725968.2
Elevation:	61 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	33117-F8 NEWPORT BEACH (DIGITAL), CA
Most Recent Revision:	0

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 principal 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).

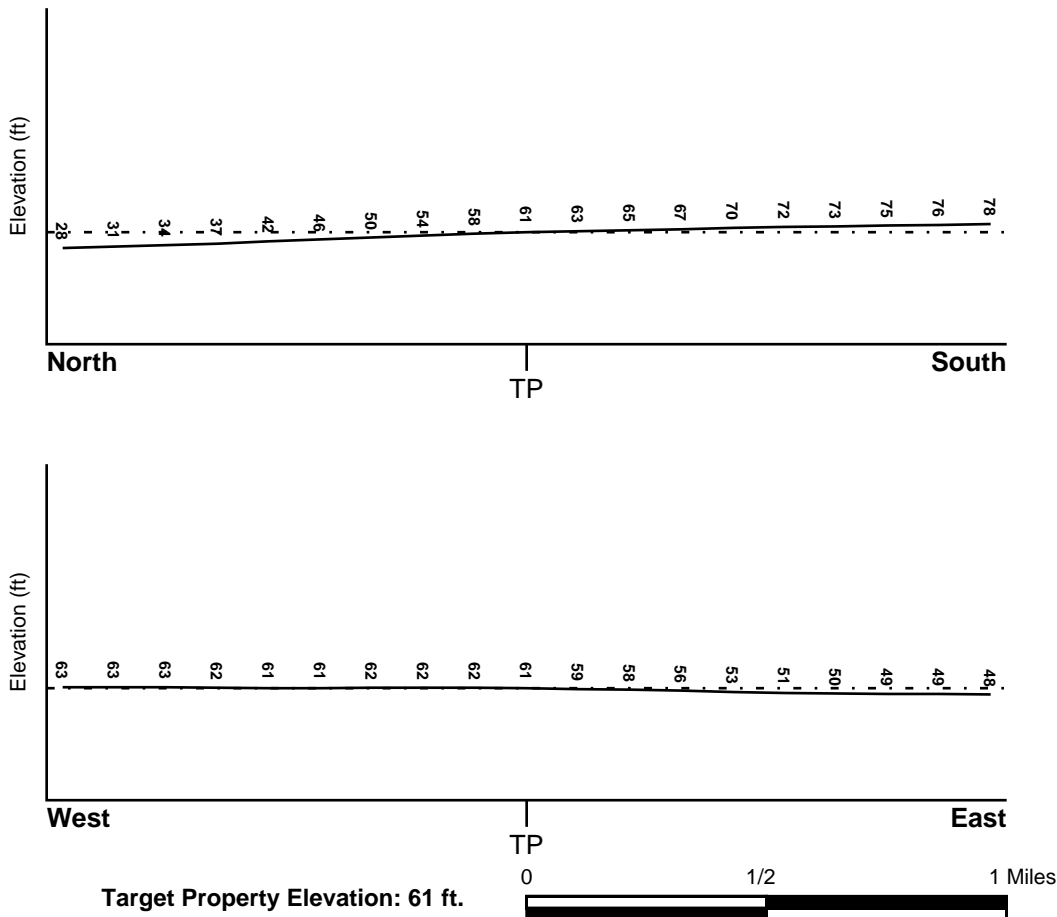
## TOPOGRAPHIC INFORMATION

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 NNE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u> ORANGE, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
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Flood Plain Panel at Target Property: 06059C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> COSTA MESA	NWI Electronic <u>Data Coverage</u> 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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile WNW	SSW
A2	1/4 - 1/2 Mile WNW	SSW
A3	1/4 - 1/2 Mile WNW	N
A4	1/4 - 1/2 Mile WNW	Not Reported
7	1/4 - 1/2 Mile WNW	SE
C10	1/2 - 1 Mile NNE	SSW
D11	1/2 - 1 Mile SSE	Not Reported
D12	1/2 - 1 Mile SSE	Not Reported
13	1/2 - 1 Mile NW	Not Reported

\* ©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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
14	1/2 - 1 Mile NNE	SSW
15	1/2 - 1 Mile ENE	Not Reported
E16	1/2 - 1 Mile NE	NNW
E17	1/2 - 1 Mile NE	NNW
F18	1/2 - 1 Mile West	Not Reported

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**

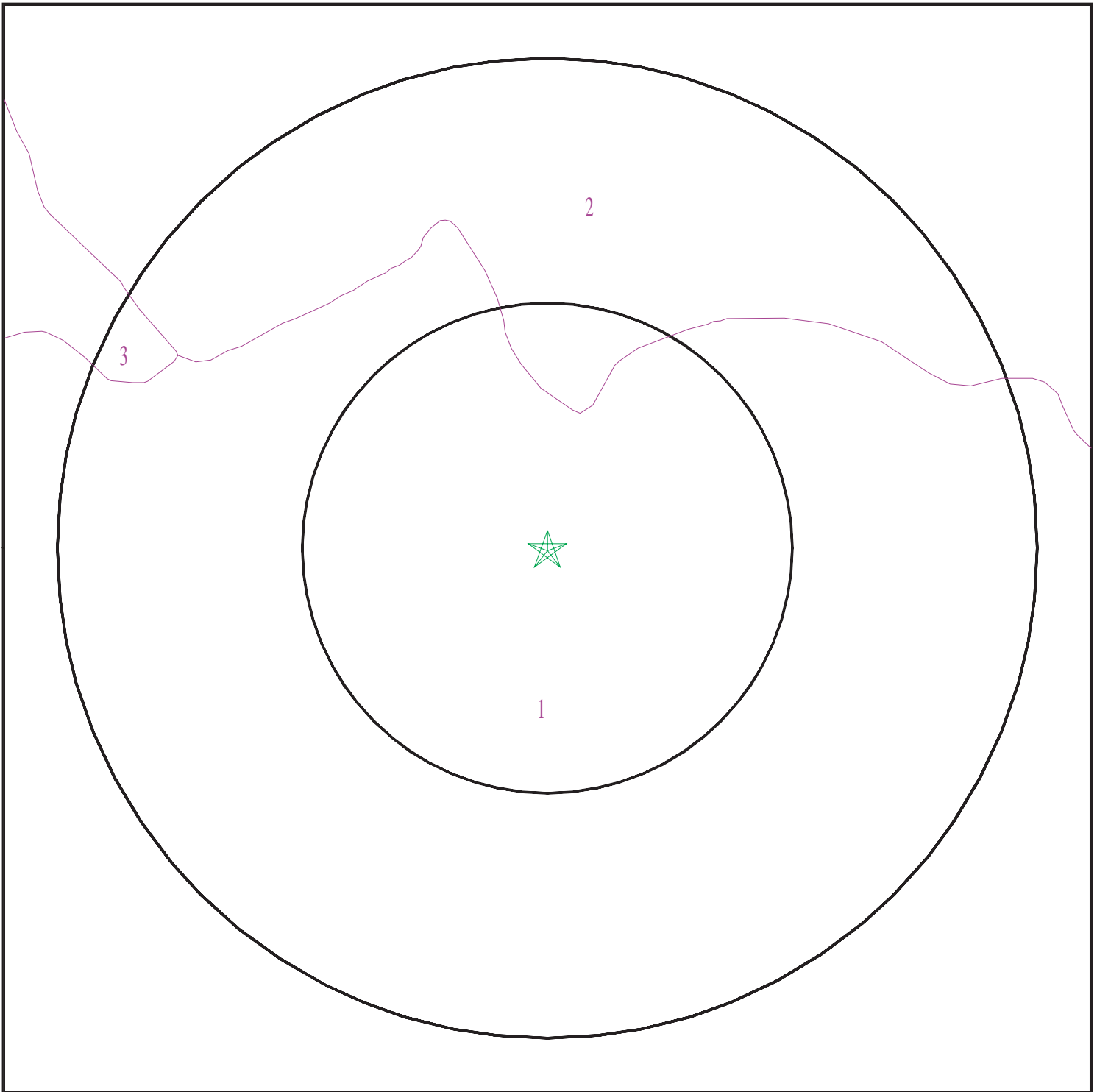
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified 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 - 3772737.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Orange Coast College  
ADDRESS: 2701 Fairview Road  
Costa Mesa CA 92626  
LAT/LONG: 33.672 / 117.9116

CLIENT: Dudek & Associates  
CONTACT: Laura Roll  
INQUIRY #: 3772737.2s  
DATE: October 30, 2013 7:40 pm

# 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: CROPLEY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well 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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	29 inches	clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	29 inches	59 inches	clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

### Soil Map ID: 2

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 6 Min: 5.1
2	22 inches	27 inches	sandy clay	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	27 inches	38 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	38 inches	70 inches	sandy clay loam	Not reported	Not reported	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 6.1

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### Soil Map ID: 3

Soil Component Name: MYFORD

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 6 Min: 5.1
2	11 inches	18 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
3	18 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 5.6
4	27 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 6.1
5	70 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6.5 Min: 6.1

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B6	USGS40000136637	1/4 - 1/2 Mile NNW
B8	USGS40000136645	1/2 - 1 Mile NW
F19	USGS40000136552	1/2 - 1 Mile West
23	USGS40000136700	1/2 - 1 Mile NW

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
20	CADW50000002537	1/2 - 1 Mile West
22	6291	1/2 - 1 Mile NE

## OTHER STATE DATABASE INFORMATION

## **STATE OIL/GAS WELL INFORMATION**

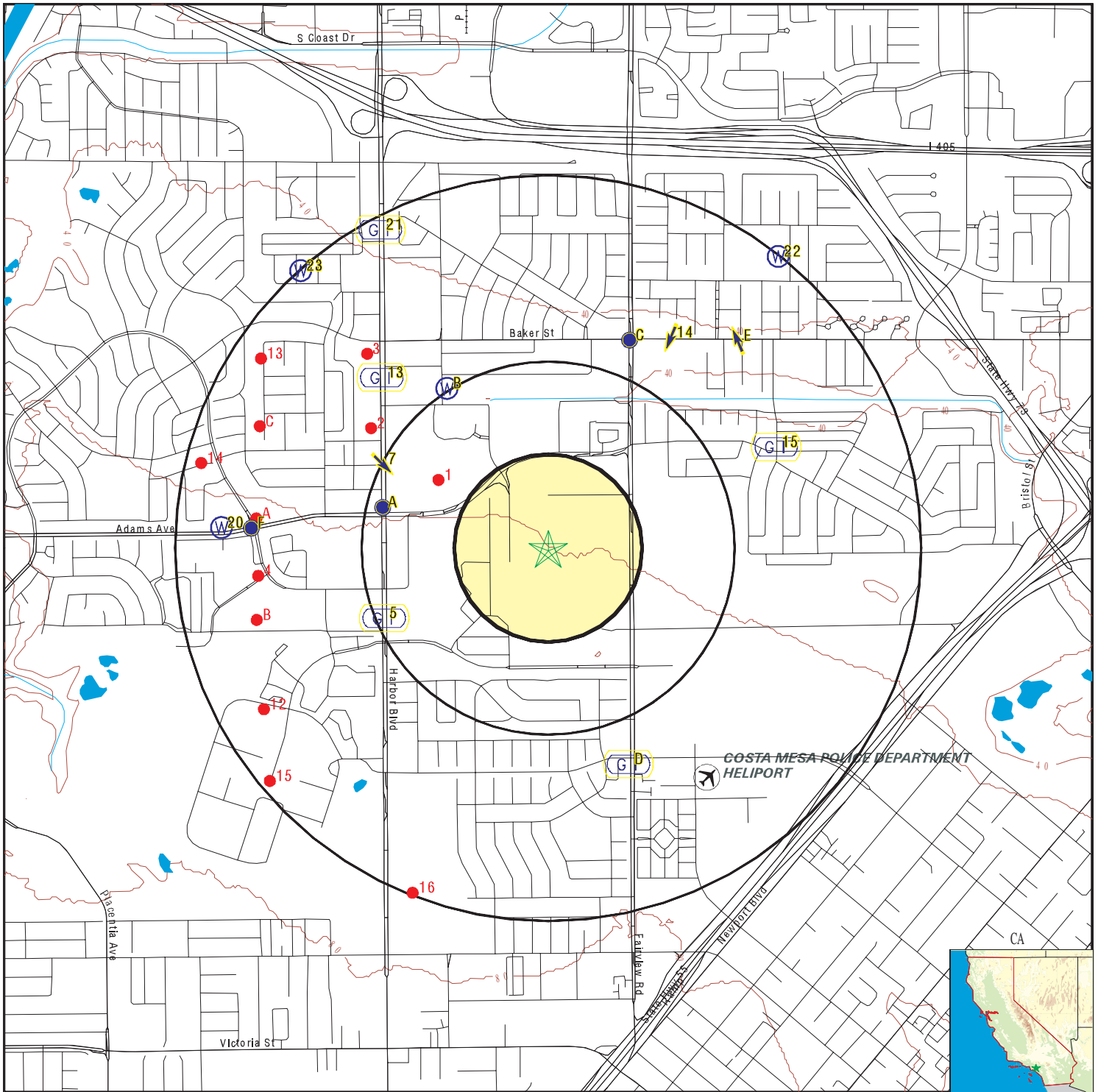
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG9A000005937	1/4 - 1/2 Mile WNW
2	CAOG9A000006177	1/2 - 1 Mile NW
3	CAOG9A000006433	1/2 - 1 Mile NW
4	CAOG9A000005370	1/2 - 1 Mile West
A5	CAOG9A000005635	1/2 - 1 Mile West
B6	CAOG9A000005102	1/2 - 1 Mile WSW
A7	CAOG9A000005784	1/2 - 1 Mile West
B8	CAOG9A000004929	1/2 - 1 Mile WSW
B9	CAOG9A000005108	1/2 - 1 Mile WSW
C10	CAOG9A000006142	1/2 - 1 Mile WNW
C11	CAOG9A000006231	1/2 - 1 Mile WNW
12	CAOG9A000004581	1/2 - 1 Mile WSW
13	CAOG9A000006419	1/2 - 1 Mile WNW
14	CAOG9A000006012	1/2 - 1 Mile WNW
15	CAOG9A000004438	1/2 - 1 Mile SW

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
16	CAOG9A000004099	1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 3772737.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Orange Coast College  
 ADDRESS: 2701 Fairview Road  
 Costa Mesa CA 92626  
 LAT/LONG: 33.672 / 117.9116

CLIENT: Dudek & Associates  
 CONTACT: Laura Roll  
 INQUIRY #: 3772737.2s  
 DATE: October 30, 2013 7:40 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>A1</b> <b>WNW</b> <b>1/4 - 1/2 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000278T SSW Not Reported Not Reported 81.52 01/13/1998	<b>AQUIFLOW</b>	<b>54977</b>
--	---	--	-----------------	--------------

<b>A2</b> <b>WNW</b> <b>1/4 - 1/2 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000278T SSW Not Reported Not Reported 81.52 01/13/1998	<b>AQUIFLOW</b>	<b>54978</b>
--	---	--	-----------------	--------------

<b>A3</b> <b>WNW</b> <b>1/4 - 1/2 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000344T N Not Reported Not Reported 100 08/23/1993	<b>AQUIFLOW</b>	<b>65361</b>
--	---	--	-----------------	--------------

<b>A4</b> <b>WNW</b> <b>1/4 - 1/2 Mile</b> <b>Lower</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002420T Not Reported Not Reported Not Reported 75 05/24/1996	<b>AQUIFLOW</b>	<b>38666</b>
--	---	--	-----------------	--------------

<b>5</b> <b>WSW</b> <b>1/4 - 1/2 Mile</b> <b>Higher</b>	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000307T Not Reported 83 88 Not Reported 12/09/1997	<b>AQUIFLOW</b>	<b>64505</b>
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<b>B6</b> <b>NNW</b> <b>1/4 - 1/2 Mile</b> <b>Lower</b>			<b>FED USGS</b>	<b>USGS40000136637</b>
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Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334041117545401		
Monloc name:	006S010W03L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6780749
Longitude:	-117.9158909	Sourcemap scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

<b>7 WNW 1/4 - 1/2 Mile Lower</b>	Site ID:	083001503T	<b>AQUIFLOW</b>	<b>67208</b>
	Groundwater Flow:	SE		
	Shallow Water Depth:	63.33		
	Deep Water Depth:	77.8		
	Average Water Depth:	Not Reported		
	Date:	07/31/1998		

<b>B8 NW 1/2 - 1 Mile Lower</b>		<b>FED USGS</b>	<b>USGS40000136645</b>
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Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334042117545701		
Monloc name:	006S010W03M002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6783527
Longitude:	-117.9167243	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

<b>C9 NNE 1/2 - 1 Mile Lower</b>	Site ID:	083002125T	<b>AQUIFLOW</b>	<b>38849</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	41		
	Date:	09/30/1997		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
<b>C10 NNE 1/2 - 1 Mile Lower</b>	Site ID:	083000371T	<b>AQUIFLOW</b>	<b>65351</b>
	Groundwater Flow:	SSW		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	51		
Date:	08/23/1989			
<b>D11 SSE 1/2 - 1 Mile Higher</b>	Site ID:	083000143T	<b>AQUIFLOW</b>	<b>38853</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	78		
	Deep Water Depth:	86		
	Average Water Depth:	Not Reported		
Date:	04/01/1996			
<b>D12 SSE 1/2 - 1 Mile Higher</b>	Site ID:	083000143T	<b>AQUIFLOW</b>	<b>38852</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	78		
	Deep Water Depth:	86		
	Average Water Depth:	Not Reported		
Date:	04/01/1996			
<b>13 NW 1/2 - 1 Mile Lower</b>	Site ID:	083003124T	<b>AQUIFLOW</b>	<b>55028</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	45		
Date:	02/17/1998			
<b>14 NNE 1/2 - 1 Mile Lower</b>	Site ID:	083001490T	<b>AQUIFLOW</b>	<b>34280</b>
	Groundwater Flow:	SSW		
	Shallow Water Depth:	35.60		
	Deep Water Depth:	40.46		
	Average Water Depth:	Not Reported		
Date:	04/27/1998			
<b>15 ENE 1/2 - 1 Mile Lower</b>	Site ID:	083001685T	<b>AQUIFLOW</b>	<b>38937</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	44		
	Deep Water Depth:	50.8		
	Average Water Depth:	Not Reported		
Date:	05/07/1996			
<b>E16 NE 1/2 - 1 Mile Lower</b>	Site ID:	083000019T	<b>AQUIFLOW</b>	<b>34057</b>
	Groundwater Flow:	NNW		
	Shallow Water Depth:	12.30		
	Deep Water Depth:	36.41		
	Average Water Depth:	Not Reported		
Date:	10/30/1998			

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

<b>E17 NE 1/2 - 1 Mile Lower</b>	Site ID: 083000019T Groundwater Flow: NNW Shallow Water Depth: 12.30 Deep Water Depth: 36.41 Average Water Depth: Not Reported Date: 10/30/1998	<b>AQUIFLOW</b>	<b>34058</b>
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<b>F18 West 1/2 - 1 Mile Higher</b>	Site ID: 083002070T Groundwater Flow: Not Reported Shallow Water Depth: 70.8 Deep Water Depth: 75 Average Water Depth: Not Reported Date: 05/09/1997	<b>AQUIFLOW</b>	<b>68282</b>
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<b>F19 West 1/2 - 1 Mile Higher</b>		<b>FED USGS</b>		<b>USGS40000136552</b>
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Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334022117553001		
Monloc name:	006S010W04Q002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6727972
Longitude:	-117.9258912	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	60.00
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to	
Date	Surface	Sealevel	

-----  
 1977-10-25    74.70

**20  
 West  
 1/2 - 1 Mile  
 Higher**

**CA WELLS      CADW50000002537**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude :	33.6728		
Longitude :	117.9268		
Site code:	336728N1179268W001	Casgem sta:	06S10W04Q002S
Local well:	Not Reported	Casgem s 1:	Unknown
County id:	30		
Basin cd:	8-1	Basin desc:	Coastal Plain Of Orange County
Org unit n:	Southern Region Office	Site id:	CADW50000002537

<b>21</b> <b>NNW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>	Site ID:	083000581T	<b>AQUIFLOW</b>	<b>65363</b>
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	45		
	Date:	07/15/1993		

<b>22</b> <b>NE</b> <b>1/2 - 1 Mile</b> <b>Lower</b>			<b>CA WELLS</b>	<b>6291</b>
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**Water System Information:**

Prime Station Code:	05S/10W-34Q03 S	User ID:	TEE
FRDS Number:	3010004005	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334100.0 1175400.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 04		
System Number:	3010004		
System Name:	Mesa Consolidated WD		
Organization That Operates System:	P.O. Box 5008		
	Costa Mesa, CA 92628		
Pop Served:	97000	Connections:	22370
Area Served:	COSTA MESA		
Sample Collected:	02/01/2006	Findings:	712. US
Chemical:	SPECIFIC CONDUCTANCE		

<b>23</b> <b>NW</b> <b>1/2 - 1 Mile</b> <b>Lower</b>			<b>FED USGS</b>	<b>USGS40000136700</b>
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Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334058117552001		
Monloc name:	006S010W04B001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070203	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6827969
Longitude:	-117.9231133	Sourcemap scale:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refs:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refs:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**1**

**WNW**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG9A000005937**

Districtnu:	1	Apinumber:	05901107
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Petroleum Securities Company		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	3		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.674654		
Glong:	-117.916706		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Fairview	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000005937

**2**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006177**

Districtnu:	1	Apinumber:	05901286
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Western Oil & Refining Co., Gillis, Rec.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	4		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.676668		
Glong:	-117.91984		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Adams	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	AOG	Site id:	CAOG9A000006177

**3**

**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006433**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901109
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Portland Petroleum Corp.		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	4		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.679561		
Glong:	-117.920019		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Borchard	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	AOG	Site id:	CAOG9A000006433

**4  
West  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000005370**

Districtnu:	1	Apinumber:	05921601
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	9		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.67092		
Glong:	-117.925092		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-106
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000005370

**A5  
West  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000005635**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921600
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Fieldname:	Newport, West
Countyname:	Orange	Range:	10W
Areaname:	Onshore	Elevation:	Not Reported
Section:	9	Wellnumber:	NC-105
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.672675	Completion:	//
Glong:	-117.925181	Site id:	CAOG9A000005635
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

**B6**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000005102**

Districtnu:	1	Apinumber:	05921602
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Fieldname:	Newport, West
Countyname:	Orange	Range:	10W
Areaname:	Onshore	Elevation:	Not Reported
Section:	9	Wellnumber:	NC-107
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.669483	Completion:	//
Glong:	-117.924907	Site id:	CAOG9A000005102
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

**A7**  
**West**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000005784**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921599
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	4		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.673633		
Glong:	-117.925177		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-104
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000005784

**B8**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004929**

Districtnu:	1	Apinumber:	05921603
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	9		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.668605		
Glong:	-117.924911		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-108
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000004929

**B9**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000005108**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05901279
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	J. K. Wadley		
Countyname:	Orange	Fieldname:	Any Field
Areaname:	Any Area		
Section:	9		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.669526		
Glong:	-117.925673		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Segerstrom	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000005108

**C10  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006142**

Districtnu:	1	Apinumber:	05921598
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	4		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.676266		
Glong:	-117.925071		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-103
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000006142

**C11  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006231**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921597
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	4		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.677223		
Glong:	-117.924973		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-102
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000006231

**12**  
**WSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004581**

Districtnu:	1	Apinumber:	05921604
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.		
Countyname:	Orange	Fieldname:	Newport, West
Areaname:	Onshore		
Section:	9		
Township:	06S	Range:	10W
Basemeridi:	SB	Elevation:	Not Reported
Locationde:	Not Reported		
Glat:	33.665731		
Glong:	-117.924827		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported	Wellnumber:	NC-110
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	12/30/1899
Welldeptha:	Not Reported	Redrillfoo:	Not Reported
Abandonedd:	//	Completion:	//
Gissymbol:	PDH	Site id:	CAOG9A000004581

**13**  
**WNW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006419**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921596
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Fieldname:	Newport, West
Countyname:	Orange	Range:	10W
Areaname:	Onshore	Elevation:	Not Reported
Section:	4	Wellnumber:	NC-100
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.679378	Completion:	//
Glong:	-117.924964	Site id:	CAOG9A000006419
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

**14  
WNW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000006012**

Districtnu:	1	Apinumber:	05901052
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Long Beach Oil Operators	Fieldname:	Any Field
Countyname:	Orange	Range:	10W
Areaname:	Any Area	Elevation:	Not Reported
Section:	4	Wellnumber:	1
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.675314	Completion:	//
Glong:	-117.927746	Site id:	CAOG9A000006012
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Segerstrom		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

**15  
SW  
1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004438**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Districtnu:	1	Apinumber:	05921605
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Fieldname:	Newport, West
Countyname:	Orange	Range:	10W
Areaname:	Onshore	Elevation:	Not Reported
Section:	9	Wellnumber:	NC-112
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.662937	Completion:	//
Glong:	-117.924552	Site id:	CAOG9A000004438
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Not Reported		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

**16**  
**SSW**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG9A000004099**

Districtnu:	1	Apinumber:	05901029
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Intex Oil Company	Fieldname:	Any Field
Countyname:	Orange	Range:	10W
Areaname:	Any Area	Elevation:	Not Reported
Section:	10	Wellnumber:	18
Township:	06S	Hydraulica:	N
Basemeridi:	SB	Spuddate:	12/30/1899
Locationde:	Not Reported	Redrillfoo:	Not Reported
Glat:	33.658586	Completion:	//
Glong:	-117.917907	Site id:	CAOG9A000004099
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Norris		
Epawell:	N		
Confidenti:	N		
Welldeptha:	Not Reported		
Abandonedd:	//		
Gissymbol:	PDH		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92626	70	5

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.

### Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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 Health Services

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: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### 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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# **ATTACHMENT B**

***County of Orange Environmental Health Records***





*Excellence  
Integrity  
Service*

**COUNTY OF ORANGE  
HEALTH CARE AGENCY**

**PUBLIC HEALTH SERVICES  
ENVIRONMENTAL HEALTH**

**MARK A. REFOWITZ  
DIRECTOR**

**DAVID M. SOULELES, MPH  
DEPUTY AGENCY DIRECTOR**

**RICHARD SANCHEZ, REHS, MPH  
DIRECTOR  
ENVIRONMENTAL HEALTH**

MAILING ADDRESS:  
1241 E. DYER RD., #120  
SANTA ANA, CA 92705-5611

TELEPHONE: (714) 433-6000  
FAX: (714) 754-1732  
E-MAIL: [ehcall@occhca.com](mailto:ehcall@occhca.com)

12/16/2013

DUDEK

DHRISTINA LEYBA  
605 THIRD STREET  
ENCINITAS

CA

92024-

**RE: EHD REQ #: 21500**  
2701 FAIRVIEW ROAD COSTA MESA CA 92628-5005

Attached, please find the information that you have requested.

The information was prepared in the ordinary course of the business concerned at or near the time of the act, condition, or event, which they depict.

If you have any question, please call this office at (714) 433-6022.

Environmental Health Records Unit

Attachment(s):

224 Pages

Orange County TAX ID: 95-6000-928W





COUNTY OF ORANGE  
HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES  
ENVIRONMENTAL HEALTH

MICHAEL SCHUMACHER, Ph.D.  
DIRECTOR

MIKE SPURGEON  
DEPUTY AGENCY DIRECTOR  
REGULATORY HEALTH SERVICES

JACK MILLER, REHS  
DIRECTOR  
ENVIRONMENTAL HEALTH

MAILING ADDRESS:  
2009 EAST EDINGER AVENUE  
SANTA ANA, CA 92705-4720

TELEPHONE (714) 607-3600  
FAX: (714) 972-0749

E-MAIL: environhealth@hca.co.orange.ca.us

February 2, 2000

Ben Kollmeyer  
Environmental Health & Safety Coordinator  
Coast Community College District  
1370 Adams Avenue  
Costa Mesa, CA 92626

Subject: **Remedial Action Completion Certification**

Re: **Underground Storage Tank (UST) Case**  
**Orange Coast College**  
**2701 Fairview Road**  
**Costa Mesa, CA 92626**  
**OCHCA Case #99UT55**

99UT55

Dear Mr. Kollmeyer:

This letter confirms the completion of site investigation and corrective action for the underground storage tank(s) formerly located at the above-described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on information in the above-referenced file and with the provision that the information provided to this Agency was accurate and representative of site conditions, this Agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code.

Please contact Arghavan Rashidi-Fard of our office at (714) 667-3713 if you have any questions regarding this matter.

Sincerely,

Jack Miller, REHS, Director  
Environmental Health

Attachment: Case Closure Summary

cc: Nancy Olson-Martin, Santa Ana Regional Water Quality Control Board  
SB 562 Database, State Water Resources Control Board  
Cleanup Fund Manager, State Water Resources Control Board  
Larry Honeybourne, Environmental Health

# Case Closure Summary

## Leaking Underground Fuel Tank Program

### I. Agency Information

Date: **December 9, 1999**

Agency Name: <b>Orange County Health Care Agency</b>	Address: <b>2009 East Edinger Avenue</b>
City/State/Zip: <b>Santa Ana, CA 92705</b>	Phone: <b>(714) 667-3713</b>
Responsible staff person: <b>Arghavan Rashidi-Fard</b>	Title: <b>Hazardous Waste Specialist</b>

### II. Case Information

Site Facility Name: <b>Orange Coast Community College (Bldg. #7)</b>				
Site Facility Address: <b>2701 Fairview Road, Costa Mesa 92626</b>				
RB LUSTIS Case No.:		Local Case No.: <b>99UT55</b>		LOP Case No.:
URF Filing Date:		SWEEPS No.:		
Responsible Party		Address		Phone Number
<b>Ben Kollmeyer Coast Community College District</b>		<b>1370 Adams Avenue Costa Mesa, CA 92626</b>		<b>(714) 438-4753</b>
Tank No	Size in Gal.	Contents	Closed in-Place/Removed?	Date
1	<b>Approx. 1000</b>	<b>Diesel</b>	<b>Partially left in place</b>	<b>Not known (late 1940's)</b>
2				
3				

### III. Release and Site Characterization Information

Cause and type of release: <b>Not known</b>				
Site characterization complete? <b>Yes</b>			Date approved by oversight agency: <b>NA</b>	
Monitoring wells installed? <b>No</b>		Number:	Proper screened interval?	
Highest GW depth BGS: <b>&lt;40'</b>		Lowest depth:	Flow direction:	
Most sensitive current use: <b>Domestic and Municipal Supply</b>				
Are drinking water wells affected? <b>No</b>			Aquifer name:	
Is surface water affected? <b>No</b>			Nearest/affected SW name:	
Off-site beneficial use impacts (addresses/locations): <b>None</b>				
Report(s) on file? <b>Yes</b>			Where is report(s) filed? <b>OCHCA</b>	
<b>Treatment and Disposal of Affected Material</b>				
Material	Amount (include Units)	Action (treatment or disposal/destination)		Date
Tank	<b>NA</b>			
Piping				
Soil				

**Case Closure Summary**  
Leaking Underground Fuel Storage Tank Program

Case#: 99UT55  
Date: December 9, 1999

**III. Release and Site Characterization Information (Continued)**

Maximum Documented Contaminant Concentrations - - Before and After Cleanup									
Contaminant	Soil (ppm)		Water (ppm)		Contaminant	Soil (ppm)		Water (ppm)	
	Before	After	Before	After		Before	After	Before	After
TPH (diesel)	7400	same			MTBE	ND(1.4)	same		
Benzene	.200	same							
Toluene	.200	same							
Ethylbenzene	.200	same							
Xylenes	.600	same							

Comments (Depth of Remediation, etc.): A portion of a concrete tank and diesel contaminated soil was discovered inside the building during earthquake retrofitting activities. The U.S. Army apparently abandoned the tank in place when they left the base in late 1940's when the property was turned over to the college district. A grab soil sample from 3 feet below grade (fbg) was collected by the college environmental health and safety staff for analysis. The results confirmed the presence of diesel contaminated soil. A site assessment consisting of drilling nine borings around the former tank was conducted to determine the extent of the soil contamination. The total depths of the borings extended between 10 to 30 fbg. The highest TPH concentrations ranging between 6000 and 7400 ppm were detected in samples collected from 15 and 20 foot samples in three borings (B-1, B-5 and B-6). The sample with the 7400 ppm at 15' in boring B-1 was not analyzed for BTEX and MTBE. The other samples with 6200 ppm TPH collected from B-6 at 20' and 6000 ppm TPH collected from B-5 at 15' did not show BTEX above the detection limit and or the MCLs. Also, MTBE was not detected above the detection limits of .700 and 1.4 ppm in the samples with 6000 and 6200 ppm TPH, respectively. (The MTBE results were detected by EPA Method 8021.) A ten foot clean zone was delineated in borings B-5 and B-6.

No further work is recommended for this site since the extent of the soil contamination is limited and the samples did not show concentrations of volatile aromatic hydrocarbons in the soil that would pose a threat to public health or the groundwater that may occur at depth greater than 40 fbg.

**IV. Closure**

Does completed corrective action protect <i>existing</i> beneficial uses per the Regional Board Basin Plan?		<b>Yes</b>
Does completed corrective action protect <i>potential</i> beneficial uses per the Regional Board Basin Plan?		<b>Yes</b>
Does corrective action protect public health for current land use?		<b>Yes</b>
Site management requirements: <b>None</b>		
Should corrective action be reviewed if land use changes?		<b>No</b>
Monitoring wells decommissioned: <b>No</b>	Number decommissioned:	Number Retained:
List enforcement actions taken:		
List enforcement actions rescinded:		

**V. Local Agency Representative Data**

Name: Arghavan Rashidi-Fard	Title: Hazardous Waste Specialist
Signature: <i>Arghavan Rashidi-Fard</i>	Date: 12-9-99

## Case Closure Summary

Leaking Underground Fuel Storage Tank Program

Case#: 99UT55

Date: December 9, 1999

### VI. RWQCB Notification

Date Submitted to RB: 12-13-99	RB Response: concur with closure	
RWQCB Staff Name: Nancy Olson-Martin	Title: Sanitary Engineering Associate	Date:
Signature: Kenneth Williams	Title: Chief, UST Section	Date: 1-24-2000

# UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 1 <u>1</u> / <u>0</u> / <u>8</u> / <u>9</u> / <u>9</u>		CASE # 99UT55		SIGNED: <u>Arghavan Rashidi-Fard</u> DATE: <u>12-15-99</u>	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Ben Kollmeyer		PHONE (714) 438-4753		SIGNATURE <u>Ben Kollmeyer</u>
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Coast Community College District		
	ADDRESS 1370 Adams Avenue		COSTA MESA		CA 92626
RESPONSIBLE PARTY	NAME **Coast Community College Dist. <input type="checkbox"/> UNKNOWN		CONTACT PERSON Ben Kollmeyer		PHONE (714) 438-4728
	ADDRESS 1370 Adams Ave		COSTA MESA		CA 92626
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Orange Coast College, Counseling & Admin.		OPERATOR		PHONE (714) 438-4753
	ADDRESS 2701 Fairview Road		COSTA MESA		ORANGE 92626
	CROSS STREET Merrimac Way				
IMPLEMENTING AGENCIES	LOCAL AGENCY CUPA-Orange County Health Care Agency		CONTACT PERSON Arghavan Rashidi-Fard		PHONE (714) 667-3713
	REGIONAL BOARD Santa Ana Regional Water Quality Control Board		KEN WILLIAMS		PHONE ( )
SUBSTANCES INVOLVED	(1) NAME Petroleum Hydrocarbons		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 1 / 0 / 2 / 7 / 9 / 9		HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input checked="" type="checkbox"/> OTHER <u>During Trenching Operations</u>		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER <u>Tank removed (1940's)</u>		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE		UNKNOWN		
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	** Previous Owner- Santa Ana Army Air Base - United States Military Base				
	The leak was detected under a building structure than has been in place since CCCD purchased the property. Leak may have been from a fuel storage tank used to heat a personnel military barracks. Substance most likely to be fuel oil (diesel).				

FIELD ACTIVITY DESCRIPTION

Orange Coast College, 2701 Fairview Pk, Costa Mesa

Facility Name

PC # \_\_\_\_\_

TI # \_\_\_\_\_

LUST # 9910755

IR # \_\_\_\_\_

Inspector: Nighavan Prashidi - Lead

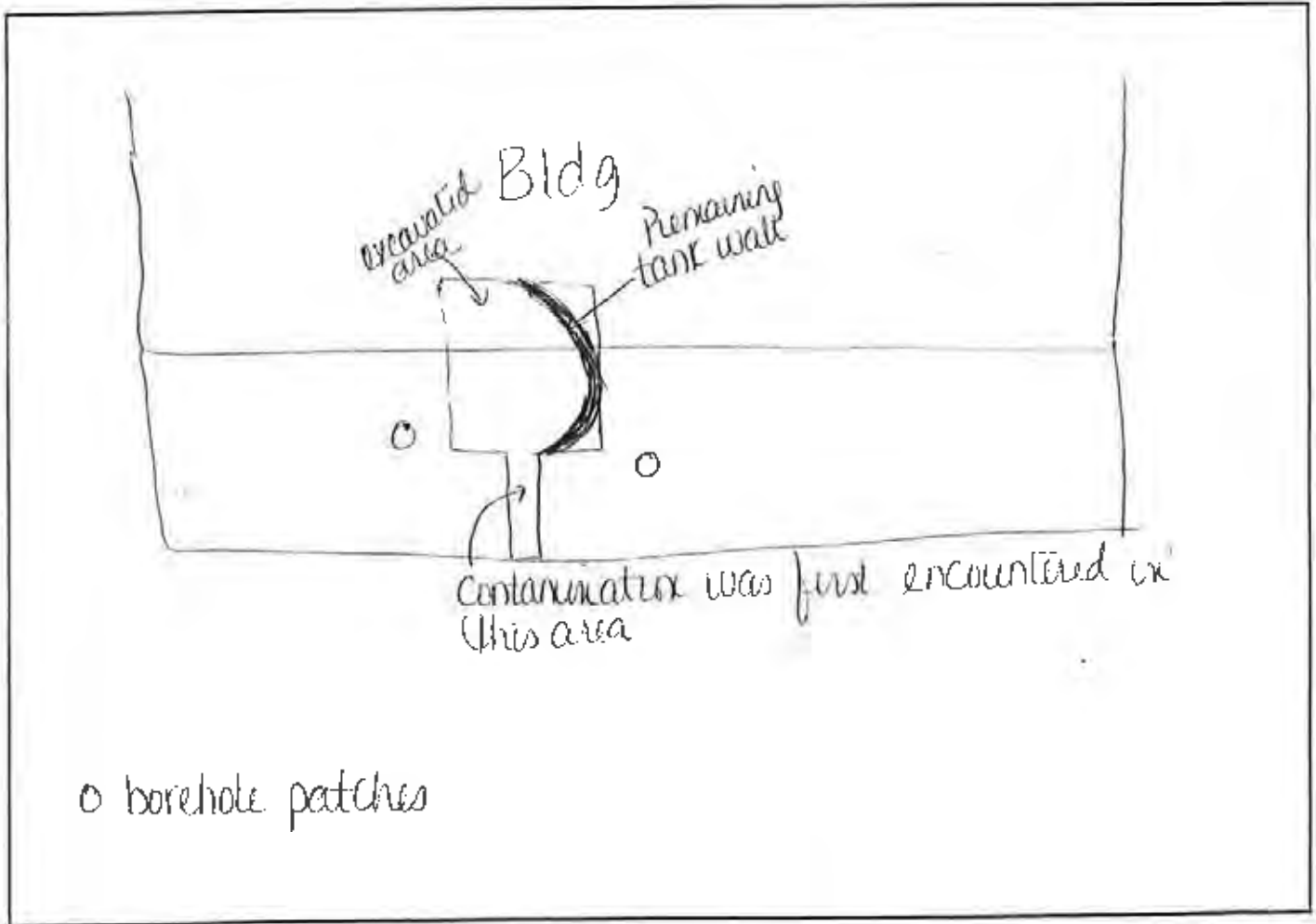
Date: 11-9-99

Time: 2:15 pm

Field Activity: On-site to observe a concrete (half of a) tank discovered during seismic retrofitting inside a building by the loadings. Soil contamination was encountered and some borings were drilled to identify contaminants.

This area use to be the barracks for the Santa Ana Base which operated until the late 1940's.

A report containing the investigation will be submitted. There was no staining observed in the excavation but there was definite diesel odor.



DAVE DEURIES

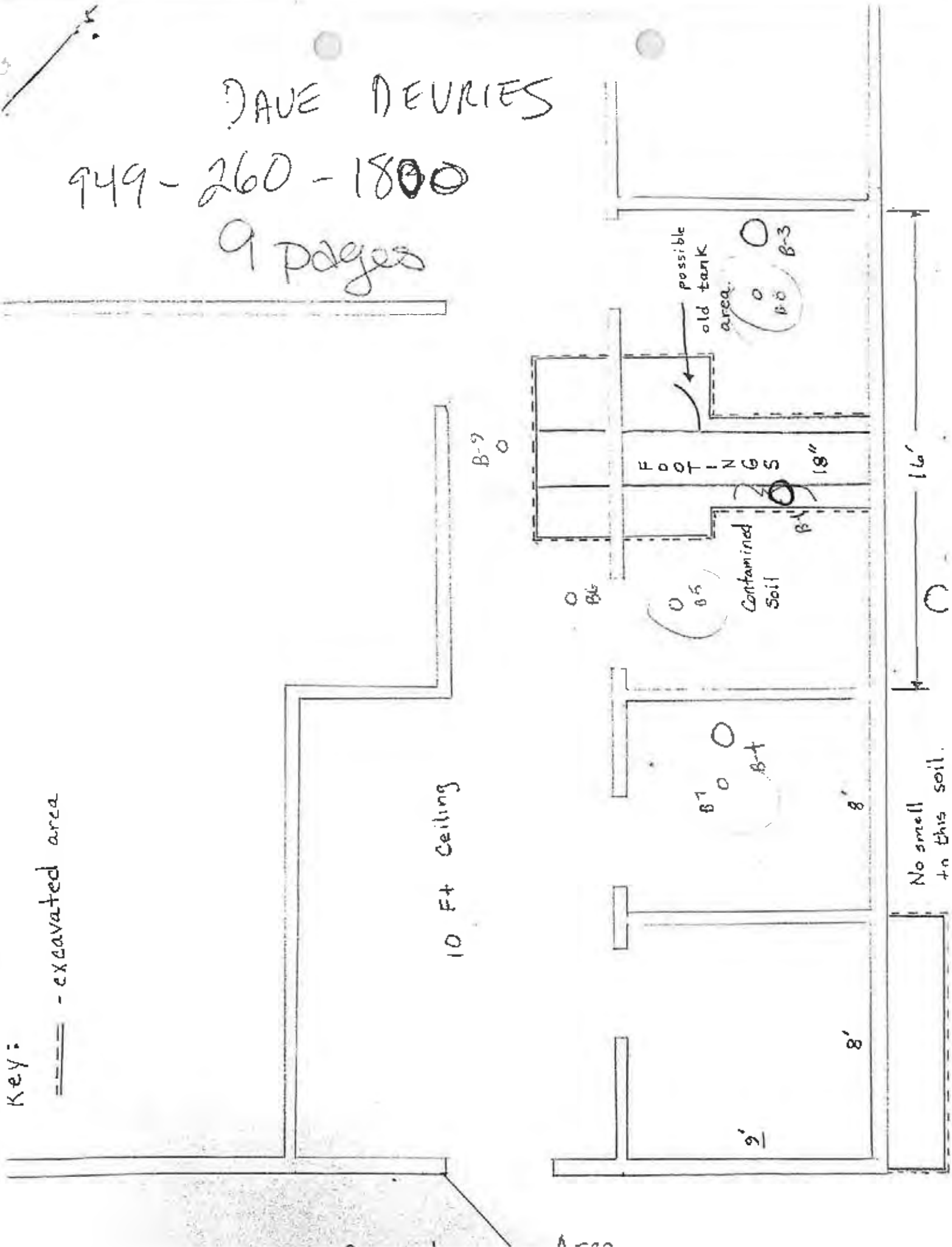
949-260-1800

9 pages

Key:

==== - excavated area

10 Ft Ceiling



No smell in this soil.



November 30, 1999

48900 1

Ms. Maggie Parks  
Coast Community College District  
Environmental Health & Safety  
1370 Adams Avenue  
Costa Mesa, California 92626

**Soil Assessment Report**  
**Orange Coast Community College**  
**Building #7**  
**Costa Mesa, California**

Dear Ms. Parks:

This letter report presents the results of the soil assessment conducted by Harding Lawson Associates (HLA) at the Coast Community College District's (CCCD's) Orange Coast Community College (OCCC) facility located between Adams Avenue, Merrimac Way, Harbor Boulevard, and Fairview Road in Costa Mesa, California (Plate 1). The objective of the investigation was to assess the vertical and lateral extent of soil containing total petroleum hydrocarbons as diesel (TPHd) in the previous area of a suspected heating fuel underground storage tank (UST) (Plate 2).

## **BACKGROUND**

CCCD personnel informed HLA that soil with petroleum hydrocarbon odors was encountered during excavations for earthquake retrofitting. The apparently hydrocarbon impacted soil was observed to be adjacent to a 6-foot-diameter vertically oriented cylindrical concrete structure suspected to be a former fuel oil UST. On October 27, 1999, CCCD health and safety personnel collected a grab soil sample at approximately 3-feet below ground surface (bgs) from the open sidewall of the excavation and analyzed it for total petroleum hydrocarbons as gasoline (TPHg), TPHd, and benzene, toluene, ethylbenzene, and xylenes (BTEX). The TPHg and TPHd results were reported as 16 milligrams per kilogram (mg/kg) and 820 mg/kg, respectively. Each of the BTEX results was reported as not detected. CCCD personnel requested that HLA assess the soil impact.

Based on a November 29, 1999 telephone conversation with Ms. Argavahn Rashidi-Fard of the Orange County Health Care Agency (OCHCA), depth to groundwater at sites near the intersection of Fairview Road and Baker Street ranges from 35 to 54 feet bgs. Ms. Rashidi-Fard also indicated that depth to groundwater near the intersection of Harbor Boulevard and Adams Avenue has been measured at 75 feet bgs. Based on conversations with CCCD employees, previous geotechnical soil assessments conducted at the OCCC campus indicate that groundwater was not encountered in soil borings drilled to depths of 40 feet bgs.



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Ms. Maggie Parks  
Coast Community College District  
Page 2

## SOIL INVESTIGATION

The following soil investigation activities were performed during the reporting period:

- On November 2, 1999, four soil borings (B-1 through B-4, see Plate 2) were drilled by hand-auger method in the previous area of the suspected UST. Boring B-1 was drilled to a total depth of 15 feet bgs. Borings B-2, B-3, and B-4 were drilled to total depths of 10 feet bgs. Soil samples were collected at 2.5-foot intervals and screened in the field using a photoionization detector (PID). Each sample was taken to Del Mar Analytical in Irvine, California, under chain-of-custody documentation for TPHd analysis by EPA Test Method 8015 Modified. Soil analytical results are summarized in Table 1 and depicted on Plate 3. Laboratory data sheets are included in Attachment A.
- On November 5, 1999, five additional soil borings (B-5 through B-9) were drilled inside Building #7 to depths ranging from 20 to 30 feet bgs. The soil boring locations are shown on Plate 2. Soil samples were collected at 5-foot intervals, logged by an HLA scientist, and taken to Del Mar Analytical in Irvine, California, for TPHd analysis by EPA Test Method 8015 Modified. Based on the analytical results, selected soil samples were additionally analyzed for BTEX and methyl tertiary butyl ether (MTBE). Soil analytical results are summarized in Table 1 and depicted on Plate 3. Laboratory data sheets are included in Attachment A. Soil boring logs are included in Attachment B. Field procedures for soil boring installation and sample collection are included as Attachment C.

## RESULTS OF THE SOIL INVESTIGATION

A review of the soil investigation results indicates the following:

- TPHd was reported in soil borings B-1, B-2, B-4, B-5, B-6, and B-9. The highest TPHd levels were detected in soil samples collected near the west and south areas of the suspected UST.
- Soil borings B-1, B-5, and B-6, which are nearest to the west and south perimeter of the UST, indicate that TPHd concentrations above 5,000 mg/kg are present in soil from ground surface to 15 or 20 feet bgs. Soil samples collected at or below 25 feet bgs in this area were not reported to contain detectable quantities of TPHd, indicating that assessment of the vertical extent in the suspected source area is complete.
- Soil borings B-4, B-7, and B-9, which are located southeast and southwest of the UST, indicate that relatively lower concentrations of TPHd, ranging from 1,300 mg/kg to 3,700 mg/kg, are present at 5 to 10 feet bgs. Soil samples collected at or below 15 feet bgs in these three soil borings were reported to contain below 10 mg/kg TPHd, indicating that assessment of the vertical extent in these areas is complete.

November 30, 1999  
48900 1  
Ms. Maggie Parks  
Coast Community College District  
Page 3

- Soil borings B-2, B-3, and B-8, located north and northeast of the UST, indicate that TPHd was not detected in these areas with the exception of a reported concentration of 20 mg/kg in B-1 at 2.5 feet bgs.
- Laboratory chromatographs for soil samples collected from soil borings B-1 through B-4 indicate that the detected petroleum hydrocarbons are within the diesel range. Refer to Attachment A for copies of the chromatographs.
- Results of the soil investigation indicate that although delineation of the entire TPHd impact was not completed, sufficient soil data have been collected to assess the general area, depth, and TPHd concentrations of impacted soil.


#### RECOMMENDATIONS

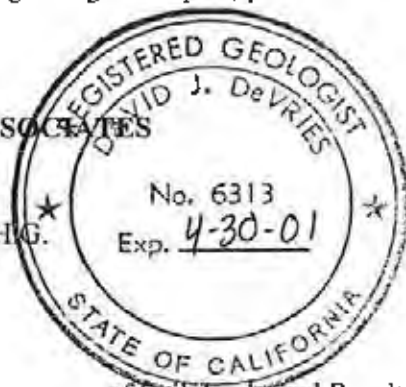
HILA recommends no further action at this site regarding the hydrocarbon-impacted soil due to the limited vertical and horizontal extent of hydrocarbons, lack of significant BTEX detections, no MTBE detections, and presence of groundwater at least 20 feet below the depth of detected petroleum hydrocarbons.


If you have any questions regarding this report, please contact the undersigned at 949/260-1800.

Very truly yours,

HARDING LAWSON ASSOCIATES

  
David J. DeVries, R.G., C.H.G.  
Senior Hydrogeologist



  
Donald A. Pape, R.G., C.E.G.  
Principal Hydrogeologist

N:\CCCD\OCCC\soilrpt.DOC

Attachments: Table 1 - Summary of Soil Analytical Results  
Plate 1 - Site Location Map  
Plate 2 - Boring Location Map  
Plate 3 - TPHd Results Map  
Attachment A - Laboratory Data Sheets for Soil Samples  
Attachment B - Boring Logs/Hand-Auger Soil Descriptions  
Attachment C - Field Procedures

cc: Ms. Argavahn Rashidi-Fard, OCHCA

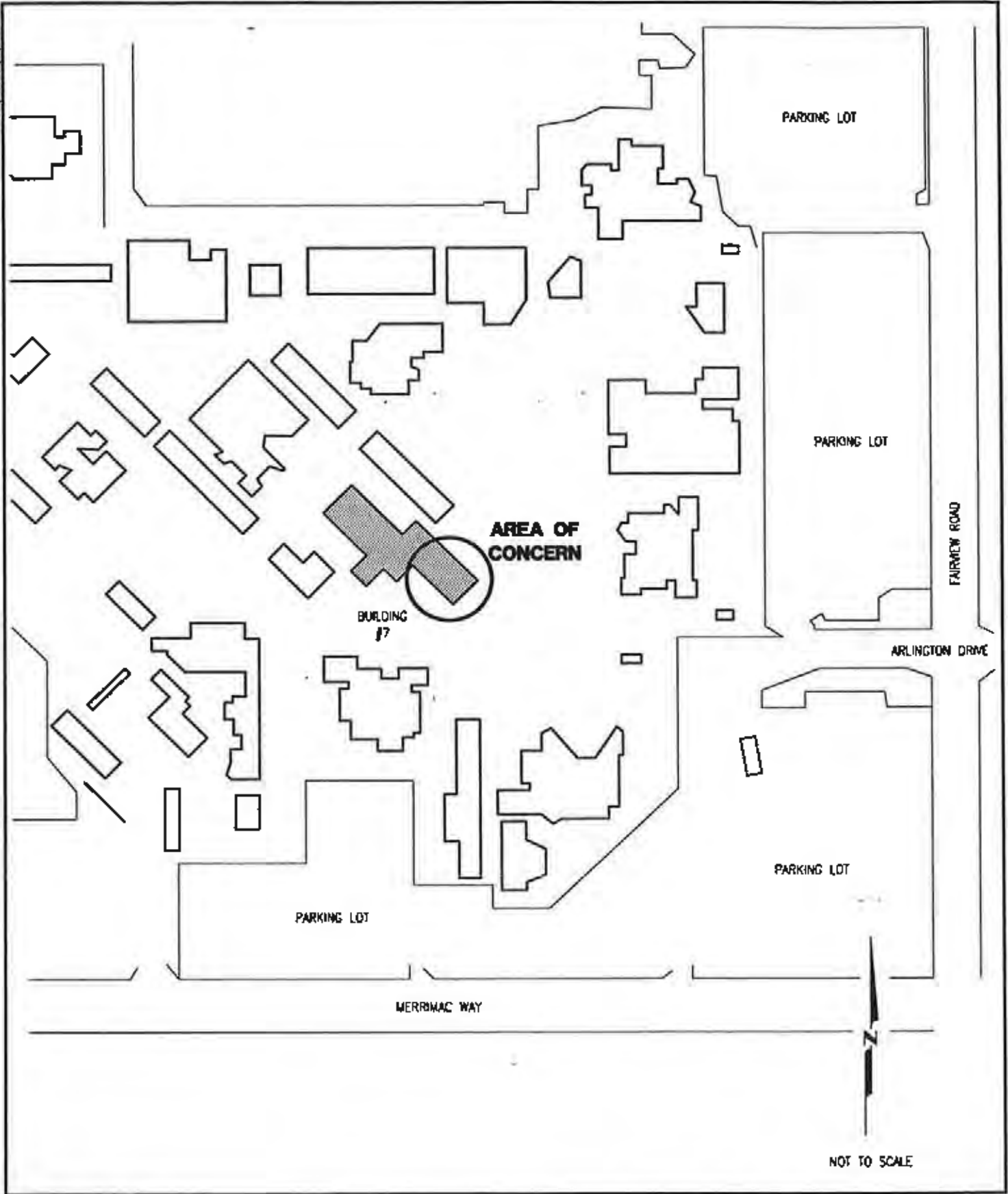
**TABLE**

**Table 1. Summary of Soil Analytical Results  
 Grab, Hand Auger, and Geoprobe Sampling  
 Coast Community College District  
 Orange Coast Community College Building #7**

Sample ID	Collection Method	Date Collected	Depth (feet bgs)	EPA Method 8015M				EPA Method 8021				
				TPHd (mg/kg)	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)		
102899	Grab	10/27/99	3	820	16	(0.020)	(0.020)	(0.020)	(0.020)			
B-1@10'	Hand Auger	11/2/99	10	2,200	NA	NA	NA	NA	NA	NA	NA	NA
B-1@15'	"	11/2/99	15	7,400	NA	NA	NA	NA	NA	NA	NA	NA
B-2@2.5'	"	11/2/99	2.5	20	NA	NA	NA	NA	NA	NA	NA	NA
B-2@10'	"	11/2/99	10	(5)	NA	NA	NA	NA	NA	NA	NA	NA
B-3@2.5'	"	11/2/99	2.5	(5)	NA	NA	NA	NA	NA	NA	NA	NA
B-3@10'	"	11/2/99	10	(5)	NA	NA	NA	NA	NA	NA	NA	NA
B-4@5'	"	11/2/99	5	1,300	NA	NA	NA	NA	NA	NA	NA	NA
B-4@10'	"	11/2/99	10	(5)	NA	NA	NA	NA	NA	NA	NA	NA
B5-15	Direct Push	11/5/99	15	6,000	NA	(0.10)	(0.10)	0.16	0.36	(0.70)		
B5-20	"	11/5/99	20	(5)	NA	NA	NA	NA	NA	NA		
B5-30	"	11/5/99	30	(5)	NA	(0.0050)	(0.0050)	(0.0050)	(0.015)	(0.035)		
B6-5	"	11/5/99	5	2,500	NA	NA	NA	NA	NA	NA		
B6-20	"	11/5/99	20	6,200	NA	(0.20)	(0.20)	(0.20)	(0.60)	(1.4)		
B6-25	"	11/5/99	25	(5)	NA	NA	NA	NA	NA	NA		
B6-30	"	11/5/99	30	(5)	NA	(0.0050)	(0.0050)	(0.0050)	(0.015)	(0.035)		
B7-20	"	11/5/99	20	(5)	NA	NA	NA	NA	NA	NA		
B8-20	"	11/5/99	20	(5)	NA	NA	NA	NA	NA	NA		
B9-10	"	11/5/99	10	3,700	NA	(0.10)	(0.10)	(0.10)	(0.30)	(0.70)		
B9-20	"	11/5/99	20	7.8	NA	NA	NA	NA	NA	NA		
B9-30	"	11/5/99	30	(5)	NA	(0.0050)	(0.0050)	(0.0050)	(0.015)	(0.035)		

**Notes:**  
 NA = not analyzed  
 mg/kg = milligrams per kilogram  
 MTBE = methyl tertiary butyl ether  
 (5) = not detected at laboratory reporting limit shown in parenthesis

**PLATES**



**Herding Lawson Associates**  
 Engineering and  
 Environmental Services

**SITE LOCATION MAP**  
 Building #7 - Orange Coast College  
 Costa Mesa, California

PLATE

**1**

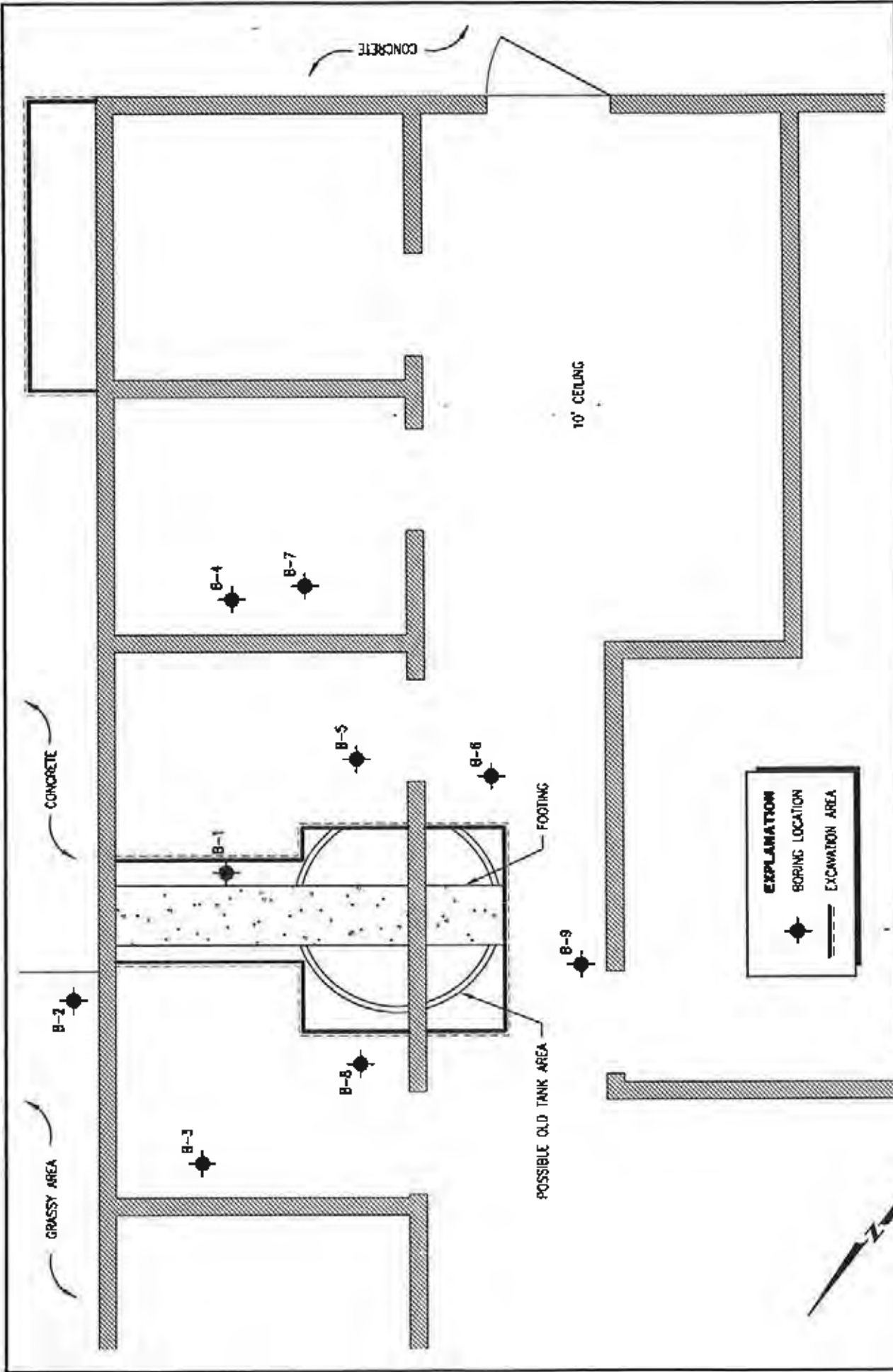
DRAWN  
 JTL

PROJECT-TASK NUMBER  
 48900-1

APPROVED

DATE  
 11/99

REVISED DATE



**EXPLANATION**

- BORING LOCATION
- - - EXCAVATION AREA



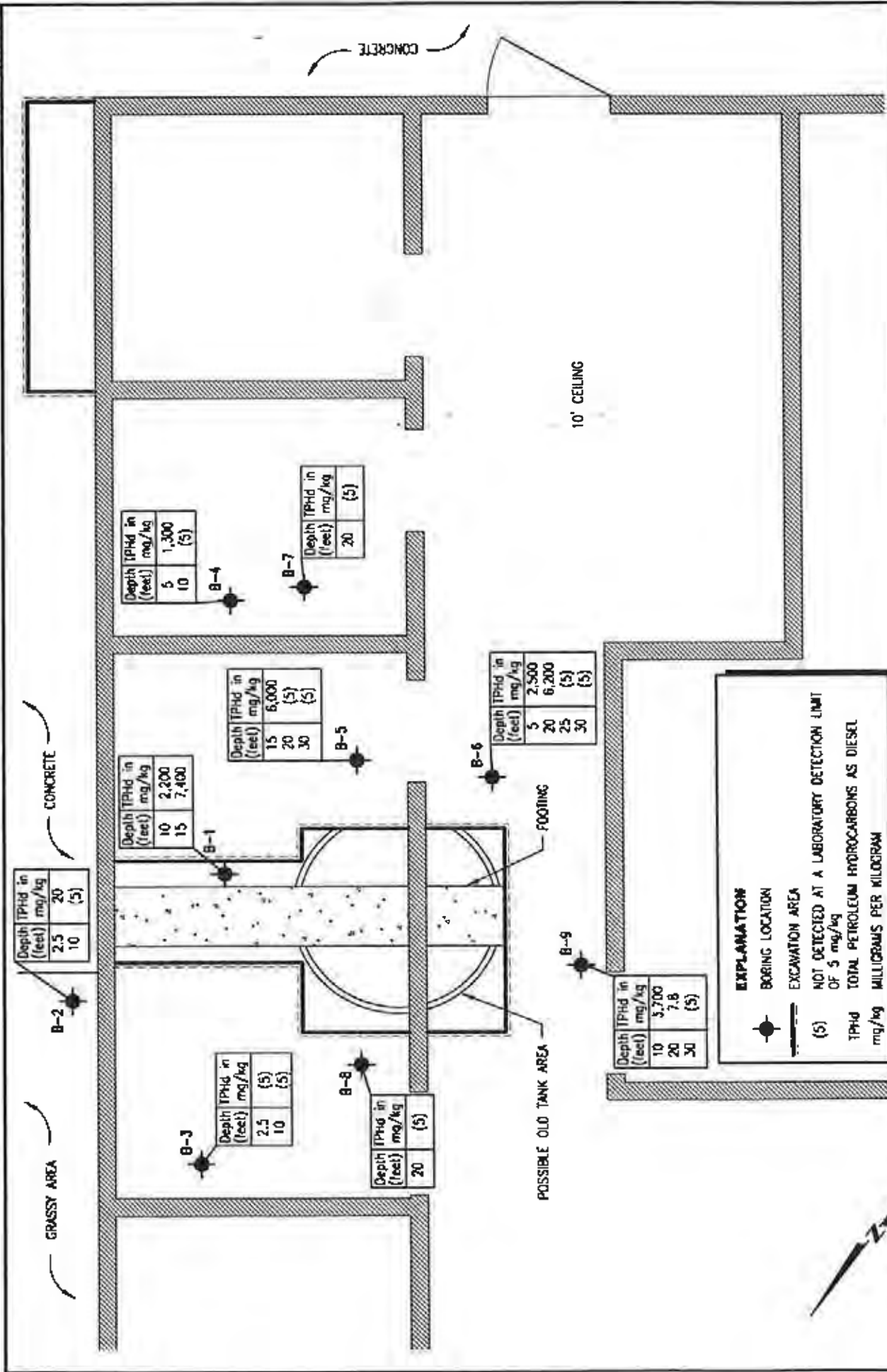
PLATE **2**

**BORING LOCATION MAP**  
 Building #7 - Orange Coast College  
 Costa Mesa, California

**Herding Lawson Associates**  
 Engineering and  
 Environmental Services

DRAWN: **JTL**      PROJECT-TASK NUMBER: **48900-1**      APPROVED: \_\_\_\_\_      DATE: **11/99**      REVISED DATE: \_\_\_\_\_

**HLA**



Depth (feet)	TPHd in mg/kg
2.5	20
10	(5)

B-2

Depth (feet)	TPHd in mg/kg
10	2,200
15	7,400

B-1

Depth (feet)	TPHd in mg/kg
2.5	(5)
10	(5)

B-3

Depth (feet)	TPHd in mg/kg
20	(5)

B-8

Depth (feet)	TPHd in mg/kg
15	6,000
20	(5)
30	(5)

B-5

Depth (feet)	TPHd in mg/kg
5	1,300
10	(5)

B-4

Depth (feet)	TPHd in mg/kg
20	(5)

B-7

Depth (feet)	TPHd in mg/kg
5	2,500
20	6,200
25	(5)
30	(5)

B-6

Depth (feet)	TPHd in mg/kg
10	3,700
20	7.8
30	(5)

B-9

PLATE **3**

**THE RESULTS MAP**  
 Building #7 - Orange Coast College  
 Costa Mesa, California

DATE: 11/99  
 APPROVED: JTL  
 PROJECT-TASK NUMBER: 48900-1

DRAWN: JTL

Harding Lawson Associates  
 Engineering and  
 Environmental Services

**EXPLANATION**

● BORING LOCATION

▬ EXCAVATION AREA

(5) NOT DETECTED AT A LABORATORY DETECTION LIMIT OF 5 mg/kg

TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL mg/kg MILLIGRAMS PER KILOGRAM

Scale 0 2 4 feet  
 APPROXIMATE



**ATTACHMENT A**  
**LABORATORY DATA SHEETS FOR SOIL SAMPLES**

Coast Community College District Client Project ID: Coast Community College District  
 Environmental Health & Safety Coordinator  
 1370 Adams Avenue Analysis Method: EPA 5030/CA DHS Mod. 8015B/8021B  
 Costa Mesa, CA 92626 First Sample #: IJ02997  
 Attention: Ben Kolimeyer

Sampled: 10/27/99  
 Received: 10/29/99  
 Extracted: 10/29/99  
 Analyzed: 10/29/99  
 Reported: 10/29/99

## VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015B/8021B)

Laboratory Number QC Batch	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
IJ02997	102899-PT635-01	16	N.D.	N.D.	N.D.	N.D.
IJ29191S Dilution: 4.0	Reporting Limit:	4.0	0.020	0.020	0.020	0.060

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1197)  
 Jeanne Shoulder  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IJ02997.CCC <2 of 3>

Coast Community College District  
 Environmental Health & Safety Coordinator  
 1370 Adams Avenue  
 Costa Mesa, CA 92626  
 Attention: Ben Kollmeyer

**Method Blank**

Extracted: 10/29/99  
 Analyzed: 10/29/99  
 Reported: 10/29/99

**VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015B/8021B)**

QC Batch	Sample Description	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
IJ29191S	Method Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Dilution: 1.0	Reporting Limit	1.0	0.0050	0.0050	0.0050	0.015

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Jeanne Shoulder  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

**MS/MSD DATA REPORT**

**Date:** 10/29/99 **EPA Method 8015B/8021B**  
**Sample #:** IJ02911 **Matrix:** Soil  
**Batch #:** IJ29191S

<u>Analyte</u>	<u>R1</u>	<u>Sp</u>	<u>MS</u>	<u>MSD</u>	<u>PR1</u>	<u>PR2</u>	<u>RPD</u>	<u>Mean PR</u>	<u>Acceptance Limits</u>	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	<u>RPD</u>	<u>Mean PR</u>
TPH	1.4	1.1	3.0	2.3	145	85	25	* 115	≤20	65 - 130
Benzene	0.00020	0.10	0.094	0.10	94	99	5.4	97	≤20	75 - 120
Toluene	0.0031	0.10	0.094	0.095	90	92	2.0	91	≤20	75 - 120
Ethylbenzene	0.0048	0.10	0.098	0.095	93	90	2.8	92	≤20	80 - 125
Xylenes	0.0094	0.30	0.28	0.28	91	89	2.6	90	≤20	80 - 120

\* The MS/MSD recoveries and/or RPD were outside of acceptance limits due to sample matrix effects. See LCS for batch validation.

**Definition of Terms**

- R1**..... Result of Sample Analysis  
**Sp**..... Spike Concentration added to sample  
**MS**..... Matrix Spike Result  
**MSD**..... Matrix Spike Duplicate Result  
**PR1**..... Percent Recovery of MS;  $((MS-R1)/SP) \times 100$   
**PR2**..... Percent Recovery of MSD;  $((MSD-R1)/SP) \times 100$   
**RPD**..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$   
**Mean PR**..... Mean Percent Recovery  
**Acceptance Limits**..... Determined by in-house Control Charts

**LCS DATA REPORT**
**EPA Method 8015B/8021B**
**Date:** 10/29/99
**Batch #:** IJ29191S

<u>Analyte</u>	<u>Spike Conc.</u> ppm	<u>Result</u> ppm	<u>% Recovery</u>	<u>ACP</u>
TPH	1.1	1.1	102	70 - 125 %
Benzene	0.10	0.095	95	80 - 120 %
Toluene	0.10	0.095	95	80 - 120 %
Ethylbenzene	0.10	0.096	96	85 - 120 %
Xylenes	0.30	0.29	96	85 - 120 %

**Definition of Terms**

- LCS** ..... Laboratory Control Sample  
**Spike Conc** ..... Concentration of spike added to blank  
**Result** ..... Result of Laboratory Control Sample Analysis  
**%Recovery** ..... Percent Recovery of LCS; ((Result) / Spike Conc.) X 100  
**ACP** ..... Acceptance Limits for Percent Recovery  
**TPH** ..... Total Petroleum Hydrocarbons

Coast Community College District	Client Project ID: Coast Community College District	Sampled: 10/27/99
Environmental Health & Safety Coordinator		Received: 10/29/99
1370 Adams Avenue	Analysis Method: EPA 3550/CA DHS Mod. 8015B	Extracted: 10/29/99
Costa Mesa, CA 92626	First Sample #: IJ03215	Analyzed: 11/1/99
Attention: Ben Kollmeyer		Reported: 11/1/99

## EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IJ03215 IJ29DE1S	102899-PT635-01	820	100	20	C8-C28

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Jeanne Shoulder  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IJ03215.CCC <2 of 3>

Coast Community College District  
 Environmental Health & Safety Coordinator  
 1370 Adams Avenue  
 Costa Mesa, CA 92626  
 Attention: Ben Kollmeyer

**Method Blank**

Extracted: 10/29/99  
 Analyzed: 10/29/99  
 Reported: 11/1/99

**EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)**

QC Batch	Laboratory Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IJ29DE1S	Method Blank	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Jeanne Shoulder  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IJ03215.CCC <3 of 3>



## MS/MSD DATA REPORT

EPA METHOD: 8015 Ext.  
 Matrix: Soil

Date Analyzed: 10/29/99  
 Sample: IJ03161  
 Batch: IJ29DE1S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	RPD	MPR
Hydrocarbons	4.25	33.3	33.2	33.2	87%	87%	0%	87%	40	40-110

### Definition of Terms:

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Acceptance Limits..... Statistically determined on an annual basis.



FileName : h:\data\gc27\801A004.raw

Method : dsl-27

Start Time : 0.00 min

Gain Factor : 0.0

End Time : 20.00 min

Plot Offset : 0 mV

Date : 11/1/99 11:02 AM

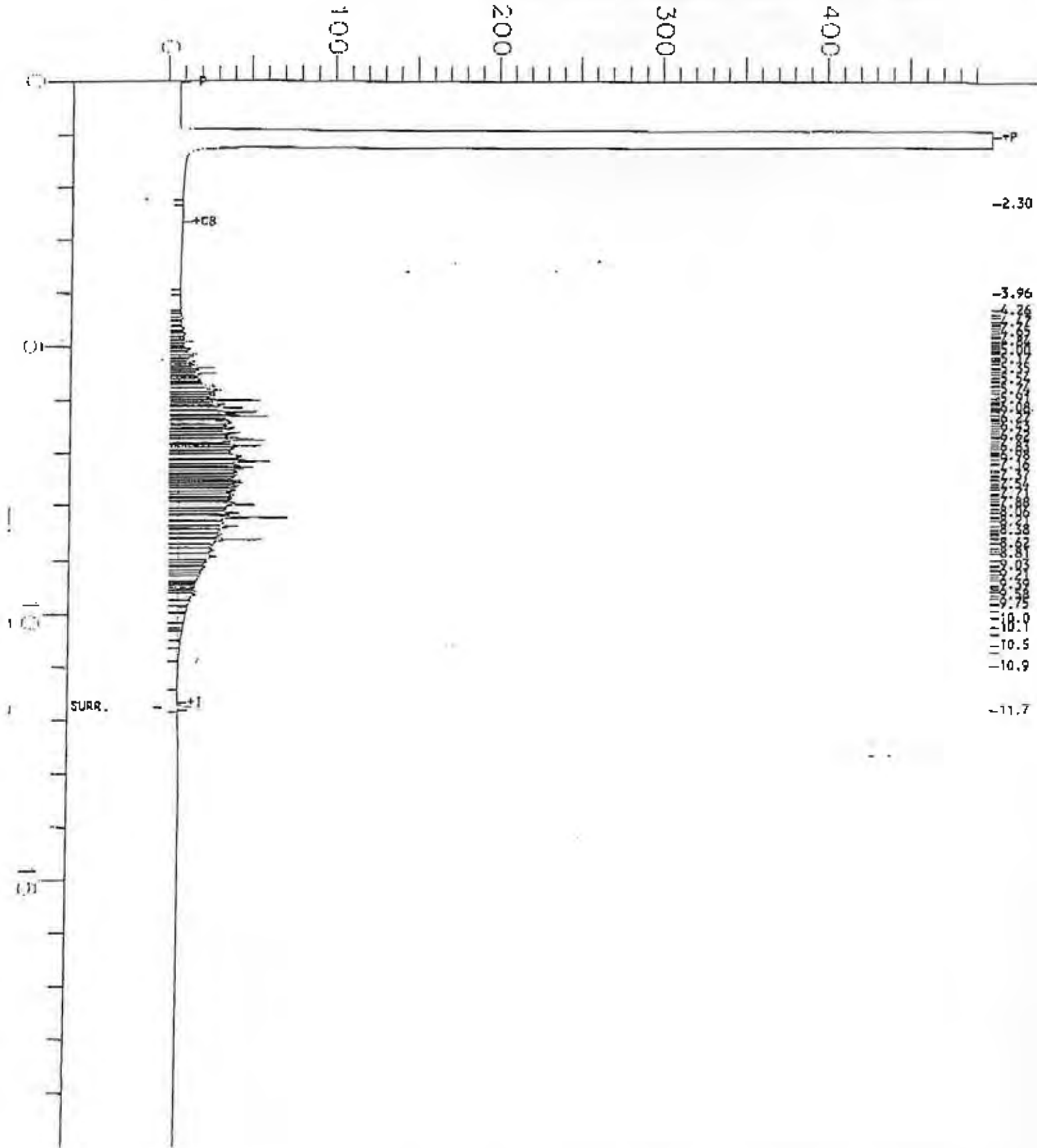
Time of Injection : 11/1/99 10:33 AM

Low Point : 0.00 mV

Plot Scale : 500.0 mV

High Point : 500.00 mV

# Response [mV]



## LABORATORY REPORT

Prepared For: **Harding Lawson Associates**  
2171 Campus Drive, Ste. 100  
Irvine, CA 92612

Attention: **Dave DeVries**  
Project: **Orange Coast College**  
(Hand Auger)

Sampled: 11/2/99  
Received: 11/2/99  
Reported: 11/3/99

This laboratory report is confidential and is intended for the sole use of Del Mar Analytical and its client. This entire report was reviewed and approved for release.

CA ELAP Certificate #1197  
AZ DHS License #AZ0428

**DEL MAR ANALYTICAL**

  
Michele Harper  
Project Manager

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

Client Project ID: Orange Coast College  
 (Hand Auger)  
 Analysis Method: EPA 3650/CA DHS Mod. 8015B  
 First Sample #: IK00251

Sampled: 11/2/99  
 Received: 11/2/99  
 Extracted: 11/2/99  
 Analyzed: 11/2/99-11/3/99  
 Reported: 11/3/99

## EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IK00251 IK02DE3S	B-1@10.0'	2,200	250	50	C8-C28
IK00252 IK02DE3S	B-1@15.0'	7,400	500	100	C8-C28
IK00253 IK02DE3S	B-2@2.5'	20	5.0	1.0	C8-C28
IK00256 IK02DE3S	B-2@10.0'	N.D.	5.0	1.0	N.A.
IK00257 IK02DE3S	B-3@2.5'	N.D.	5.0	1.0	N.A.
IK00260 IK02DE3S	B-3@10.0'	N.D.	5.0	1.0	N.A.
IK00262 IK02DE3S	B-4@5.0'	1,300	250	60	C8-C28
IK00264 IK02DE3S	B-4@10.0'	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IK00249.HLA <2 of 3>

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

**Method Blank**

Extracted: 11/2/99  
 Analyzed: 11/2/99  
 Reported: 11/3/99

**EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)**

QC Batch	Laboratory Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IK02DE3S	Method Blank	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

## MS/MSD DATA REPORT

EPA METHOD: 8015 Ext.  
 Matrix: Soil

Date Analyzed: 11/3/99  
 Sample: IK00252  
 Batch: IK02DE3S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	RPD	MPR
Hydrocarbons	7420	33.3	9900	11500	7447%	12252%	15%	9850%	40	40-110

\* Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See LCS for batch validation.

### Definition of Terms:

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Acceptance Limits..... Statistically determined on an annual basis.

### LCS DATA REPORT

**EPA METHOD: 8015 Ext.**

**Date Analyzed:** 11/3/99  
**Batch:** IK02DE3S

Analyte	St	R1	PR	Acceptance Limits
	mg/Kg	mg/Kg	%	%
Hydrocarbons	33.3	26.3	79%	50-125

**Definition of Terms:**

- St** ..... Concentration of standard added to blank.
- R1** ..... Standard Result
- PR** ..... Percent Recovery of R1;  $(R1 / St) \times 100$
- Acceptance Limits** . . . . Statistically determined on an annual basis.



CHAIN OF CUSTODY FORM

Lab: Del Mar

Samplers: JWH

Job Number:

Name/Location: Orange Coast College (Hand Ave)

Project Manager: Dave DeVries

Recorder: Ma. Reynolds

ANALYSIS REQUESTED

EPA 418.1 TRPH (Resid)	X
EPA 601/6010	X
EPA 602/6020	X
EPA 624/6240	X
EPA 625/6260	X
CAM METALS	X
EPA 8015M	X
EPA 8015M (GAS)/8021 BTEX	X
EPA 8081	X
EPA 8082	X

STATION DESCRIPTION/ NOTES
B-32 7.5'
B-32 10.0'
B-42 2.5'
B-42 5.0'
B-42 7.5'
B-42 10.0'

SOURCE CODE	MATRIX			# CONTAINERS & PRESERV.			SAMPLE NUMBER OR LAB NUMBER			DATE		
	Water	Sediment	Soil	Cl	Ungres.	H <sub>2</sub> O <sub>2</sub>	HCl	NaOH	Yr	Mo	Day	Time
49	X	X	X						99	11	03	1113
	X	X	X									1139
	X	X	X									1200
	X	X	X									1222
	X	X	X									1235
	X	X	X									1300

LAB NUMBER		DEPTH IN FEET	COL MTD CD	QA CODE	MISCELLANEOUS
Yr	Seq				
					24H-TAT

CHAIN OF CUSTODY RECORD	
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
<u>Ma. Reynolds</u>	<u>Ma. Reynolds</u>
DATE/TIME	DATE/TIME
11/27/93	
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
DISPATCHED BY: (Signature)	RECEIVED FOR LAB BY: (Signature)
	<u>Ma. Reynolds</u>
DATE/TIME	DATE/TIME
	11/21/99
	143



## LABORATORY REPORT

Prepared For: **Harding Lawson Associates**  
**2171 Campus Drive, Ste. 100**  
**Irvine, CA 92612**

Attention: **Dave DeVries**  
Project: **48827**  
**CCCD**

Sampled: **11/5/99**  
Received: **11/5/99**  
Reported: **11/12/99**

This laboratory report is confidential and is intended for the sole use of Del Mar Analytical and its client. This entire report was reviewed and approved for release.

CA ELAP Certificate #1197  
AZ DHS License #AZ0428

**DEL MAR ANALYTICAL**

  
Michele Harper  
Project Manager

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

Client Project ID: 48827  
 CCCC  
 Analysis Method: EPA 3550/CA DHS Mod. 8015B  
 First Sample #: IK00769

Sampled: 11/5/99  
 Received: 11/5/99  
 Extracted: 11/5/99  
 Analyzed: 11/9/99-11/12/99  
 Reported: 11/12/99

## EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IK00769 IK05DE2S	B5-15	6,000	500	100	C8-C28
IK00770 IK05DE2S	B5-20	N.D.	5.0	1.0	N.A.
IK00771 IK05DE2S	B5-30	N.D.	5.0	1.0	N.A.
IK00772 IK05DE2S	B6-5	2,500	100	20	C8-C28
IK00773 IK05DE2S	B6-20	6,200	500	100	C8-C28
IK00774 IK05DE2S	B6-25	N.D.	5.0	1.0	N.A.
IK00775 IK05DE2S	B6-30	N.D.	5.0	1.0	N.A.
IK00776 IK05DE2S	B9-10	3,700	500	100	C8-C28
IK00777 IK05DE2S	B9-20	7.8	5.0	1.0	C8-C28
IK00778 IK05DE2S	B9-30	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

### DEL MAR ANALYTICAL (ELAP #1197)

Michele Harper  
 Project Manager

Harding Lawson Associates 2171 Campus Drive, Ste. 100 Irvine, CA 92612 Attention: Dave DeVries	Client Project ID: 48827 CCCD Analysis Method: EPA 3550/CA DHS Mod. 8015B First Sample #: IK00779	Sampled: 11/5/99 Received: 11/5/99 Extracted: 11/5/99 Analyzed: 11/9/99 Reported: 11/12/99
---	--	--

**EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)**

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IK00779 IK05DE2S	B8-20	N.D.	5.0	1.0	N.A.
IK00780 IK05DE2S	B7-20	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**

Michele Harper  
Project Manager

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

**Method Blank**

Extracted: 11/5/99  
 Analyzed: 11/6/99  
 Reported: 11/12/99

**EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015B)**

QC Batch	Laboratory Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
IK05DE2S	Method Blank	N.D.	5.0	1.0	N.A.

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

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IK00769.HLA <4 of 4>

### MS/MSD DATA REPORT

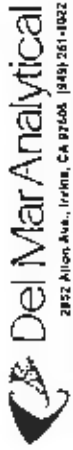
**EPA METHOD: 8015 Ext.  
Matrix: Soil**

**Date Analyzed:** 11/6/99  
**Sample:** IK00711  
**Batch:** IK05DE2S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	RPD	MPR
<b>Hydrocarbons</b>	8.10	33.3	42.7	45.1	104%	111%	5.5%	108%	40	40-110

**Definition of Terms:**

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Acceptance Limits..... Statistically determined on an annual basis.



2852 Alton Ave., Irvine, CA 92608 (949) 261-1822 FAX (949) 261-1728  
 1014 E. Cooley Dr., Suite A Collins, CA 92324 (909) 370-4667 FAX (909) 370-1066  
 16325 Serrano Way, Suite C-14, Van Nuys, CA 91406 (818) 779-1849 FAX (818) 779-1843  
 9430 South 31st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851  
 9444 Chesebrough Dr., Suite 107, San Diego, CA 92123 (619) 505-9598 FAX (619) 505-9699

GT- 3381

Quote No.: \_\_\_\_\_ of \_\_\_\_\_

CHAIN OF CUSTODY FORM

P.O./Project Number: **48827**  
 Project Name: **CCCD**  
 Project Manager: **48827 - DAUE DEVERNES**  
 Sampler(s) (signature): *Pat Shul*

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) <input type="checkbox"/> 8020 (BTEX) <input type="checkbox"/>	MTBE (8020) <input type="checkbox"/>	8015/8020/MTBE <input type="checkbox"/>	8015 (Diesel) <input checked="" type="checkbox"/>	simulated fuel <input type="checkbox"/>	distillation <input type="checkbox"/> fingerprint <input type="checkbox"/>	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 <input type="checkbox"/>	EPA 8013/8020 <input type="checkbox"/>	EPA 8270	Title 22 Metals EPA 6010/7000 <input type="checkbox"/>	+ Cr VI <input type="checkbox"/>	EPA-8260 <input type="checkbox"/> + Oxygenates <input type="checkbox"/>	+ MTBE <input type="checkbox"/> MTBE only <input type="checkbox"/>	Lead	pH
B5 - 10/15	Soil	11-5-99																					
B5 - 20	MT	11/2/99																					
B5 - 30																							
B6 - 5																							
B6 - 20																							
B6 - 25																							
B6 - 30																							
B9 - 10																							
B9 - 20																							
B9 - 30																							

Received by: *Pat Shul* Date/Time: 11/5/99 8:58  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received in Lab by: *Pat Shul* Date/Time: 11/5/99 10:58  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Turnaround Time: (check one):  
 Same Day \_\_\_\_\_ 72 hours \_\_\_\_\_  
 24 Hours \_\_\_\_\_ 5 Days \_\_\_\_\_  
 48 Hours \_\_\_\_\_ Standard \_\_\_\_\_  
 Sample Integrity: Intact:  On Ice

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this chain of custody form for services due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.



Del Mar Analytical

2882 Alton Ave., Suite 104, San Diego, CA 92108 (619) 381-1072 FAX (619) 381-1072  
1014 E. Cooley Dr., Suite A Colton, CA 92324 (951) 370-4667 FAX (951) 370-1046  
10525 Sherman Way, Suite C-11, Van Nuys, CA 91410 (818) 779-1844 FAX (818) 779-1843  
8830 South 31st St., Suite B-120, Phoenix, AZ 85044 (602) 745-0043 FAX (602) 785-0851  
9404 Chapparral Dr., Suite 605, San Diego, CA 92123 (619) 405-8596 FAX (619) 505-8649

GT- 3380

Page: of

CHAIN OF CUSTODY FORM

Quote No.: 48827

Client Name: HARVING LAWSON ASSOC. P.O./Project Number: 48827

Address: 2171 CAMPUS, SUITE 100 Project Name: CCCD

City: LAWNE State: CA Zip: 260-1830 Project Manager: DAVE DEVERIES

Tel: 260-1800 Sampler(s) (signature): Pat Skel

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) <input type="checkbox"/> 8020 (BTEX) <input type="checkbox"/> MTBE (8020) <input type="checkbox"/> 8015/8020/MTBE <input type="checkbox"/> 8015 (Diesel) <input checked="" type="checkbox"/> simulated fuel <input type="checkbox"/> distillation <input type="checkbox"/> fingerprint <input type="checkbox"/>	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 <input type="checkbox"/> EPA 8010/8020 <input type="checkbox"/> EPA 8270	Title 22 Metals EPA 6010/7000 <input type="checkbox"/> +Cr VI <input type="checkbox"/> EPA 8260 + Oxygenates <input type="checkbox"/> +MTBE <input type="checkbox"/> MTBE only <input type="checkbox"/>	Lead	PH	Turnaround Time: (check one)
BB-20	SOL	11/5/99											72 hours	
B7-20	S												5 Days	
													Standard	
													48 Hours	
													Same Day	
													24 Hours	
													48 Hours	

Relinquished by: Pat Skel Date/Time: 11/5/99 - 4:58

Relinquished by: Date/Time:

Relinquished by: Date/Time:

Relinquished by: Date/Time:

Relinquished by: Date/Time:

Remarks:

Received in lab by: [Signature] Date/Time: 11/5/99 10:58

Received by: Date/Time:

Received by: Date/Time:

Received by: Date/Time:

Received by: Date/Time:

Received by: Date/Time:

Received by: Date/Time:

## LABORATORY REPORT

Prepared For: **Harding Lawson Associates**  
2171 Campus Drive, Ste. 100  
Irvine, CA 92612

Attention: **Dave DeVries**  
Project: **48827**  
**CCCC**

Sampled: **11/5/99**  
Received: **11/5/99**  
Reported: **11/12/99**

This laboratory report is confidential and is intended for the sole use of Del Mar Analytical and its client. This entire report was reviewed and approved for release.

CA ELAP Certificate #1197  
AZ DHS License #AZ0428

**DEL MAR ANALYTICAL**

  
Michele Harper  
Project Manager



Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

Client Project ID: 48827  
 CCCC  
 Analysis Method: EPA 5030/8021B  
 First Sample #: IK01598

Sampled: 11/5/99  
 Received: 11/5/99  
 Extracted: 11/12/99  
 Analyzed: 11/12/99  
 Reported: 11/12/99

## BTEX DISTINCTION (EPA 8021B)

Laboratory Number QC Batch	Sample Description Soil	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
IK01598 IK12191S Dilution: 20	B-5-15 Reporting Limit:	N.D. 0.10	N.D. 0.10	0.16 0.10	0.36 0.30
IK01599 IK12191S Dilution: 1.0	B-5-30 Reporting Limit:	N.D. 0.0050	N.D. 0.0050	N.D. 0.0050	N.D. 0.015
IK01600 IK12191S Dilution: 40	B-6-20 Reporting Limit:	N.D. 0.20	N.D. 0.20	N.D. 0.20	N.D. 0.60
IK01601 IK12191S Dilution: 1.0	B-6-30 Reporting Limit:	N.D. 0.0050	N.D. 0.0050	N.D. 0.0050	N.D. 0.015
IK01602 IK12191S Dilution: 20	B-9-10 Reporting Limit:	N.D. 0.10	N.D. 0.10	N.D. 0.10	N.D. 0.30
IK01603 IK12191S Dilution: 1.0	B-9-30 Reporting Limit:	N.D. 0.0050	N.D. 0.0050	N.D. 0.0050	N.D. 0.015

Analyses reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IK01598.HLA <2 of 5>

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

Client Project ID: 48827  
 CCCD  
 Analysis Method: EPA 5030/8021B Modified  
 First Sample #: IK01598

Sampled: 11/5/99  
 Received: 11/5/99  
 Extracted: 11/12/99  
 Analyzed: 11/12/99  
 Reported: 11/12/99

### MTBE (EPA 8021B Mod.)

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
IK01598 IK12191S	B-5-15	N.D.	0.70	20
IK01599 IK12191S	B-5-30	N.D.	0.035	1.0
IK01600 IK12191S	B-6-20	N.D.	1.4	40
IK01601 IK12191S	B-6-30	N.D.	0.035	1.0
IK01602 IK12191S	B-9-10	N.D.	0.70	20
IK01603 IK12191S	B-9-30	N.D.	0.035	1.0

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

IK01598.HLA <3 of 5>

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

**Method Blank**

Extracted: 11/12/99  
 Analyzed: 11/12/99  
 Reported: 11/12/99

**BTEX DISTINCTION (EPA 8021B)**

QC Batch	Sample Description	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
<b>IK12191S</b>	<b>Method Blank</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>
Dilution: 1.0	Reporting Limit	0.0050	0.0050	0.0050	0.015

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

Harding Lawson Associates  
 2171 Campus Drive, Ste. 100  
 Irvine, CA 92612  
 Attention: Dave DeVries

**Method Blank**

Extracted: 11/12/99  
 Analyzed: 11/12/99  
 Reported: 11/12/99

**MTBE (EPA 8021B Mod.)**

QC Batch	Sample Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
IK12191S	Method Blank	N.D.	0.035	1.0

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**  
 Michele Harper  
 Project Manager

**MS/MSD DATA REPORT**

**Date:** 11/12/99                      **EPA Method 8015B/8021B**

**Sample #:** IK01603                      **Matrix:** Soil

**Batch #:** IK12191S

<u>Analyte</u>	<u>R1</u>	<u>Sp</u>	<u>MS</u>	<u>MSD</u>	<u>PR1</u>	<u>PR2</u>	<u>RPD</u>	<u>Mean PR</u>	<u>Acceptance Limits</u>	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	<u>RPD</u>	<u>Mean PR</u>
TPH	0.10	1.1	1.1	1.2	94	98	3.7	96	≤20	65 - 130
Benzene	0.00025	0.10	0.094	0.095	94	95	0.48	94	≤20	75 - 120
Toluene	0.0012	0.10	0.095	0.096	94	95	0.43	94	≤20	75 - 120
Ethylbenzene	0.0	0.10	0.096	0.095	96	95	0.69	96	≤20	80 - 125
Xylenes	0.0011	0.30	0.28	0.28	94	94	0.025	94	≤20	80 - 120
MTBE	0.0053	1.5	1.5	1.5	98	100	1.7	99	≤30	50 - 150

**Definition of Terms**

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration added to sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1)/SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1)/SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Mean PR..... Mean Percent Recovery
- Acceptance Limits..... Determined by in-house Control Charts

## LCS DATA REPORT

### EPA Method 8015B/8021B

**Date:** 11/12/99

**Batch #:** IK12191S

<u>Analyte</u>	<u>Spike Conc.</u> ppm	<u>Result</u> ppm	<u>% Recovery</u>	<u>ACP</u>
TPH	1.1	1.3	114	70 - 125 %
Benzene	0.10	0.091	91	80 - 120 %
Toluene	0.10	0.092	92	80 - 120 %
Ethylbenzene	0.10	0.092	92	85 - 120 %
Xylenes	0.30	0.27	91	85 - 120 %
MTBE	1.5	1.4	95	75 - 130 %

#### Definition of Terms

- LCS ..... Laboratory Control Sample
- Spike Conc ..... Concentration of spike added to blank
- Result ..... Result of Laboratory Control Sample Analysis
- %Recovery ..... Percent Recovery of LCS; ((Result) / Spike Conc.) X 100
- ACP ..... Acceptance Limits for Percent Recovery
- TPH ..... Total Petroleum Hydrocarbons

## ADDITIONAL ANALYSIS REQUEST FORM

 Today's Date: 11/11/99 Del Mar Analytical Project Manager: MH

 Request via:  telephone  chain of custody form  fax transmission  E-mail  other

 Client: HLA-IRV Contact: \_\_\_\_\_

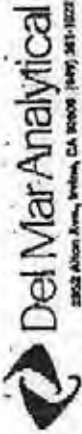
 Project: 48827 / CCD

 Date Sampled: 11/5/99 Date Received: 11/5/99

 Status:  in progress  completed  received today  received yesterday  on hold  other

SAMPLE NUMBER	SAMPLE DESCRIPTION	ANALYSIS REQUESTED	SPECIAL REQUIREMENTS
1K00769	B5-15	8021 BTEX + MTBE	Diesel = 20x DF
1K00771	B5-30	↓	= ND
1K00773	B6-20		= 20x DF
1K00775	B6-30		= ND
1K00776	B9-10		= 20x DF
1K00778	B9-30		= ND

 TURNAROUND STATUS:  Same Day  24hr  48hr  3days  
 5days  Standard  No Rush Charge



2802 Alton Ave, Irvine, CA 92606 (949) 261-1222 FAX (949) 261-1228  
 1014 E. Colton Dr, Suite A, Colton, CA 92321 (951) 870-1485 AOC (951) 870-1486  
 11236 Sherman Way, Buena Vista, CA 92623 (949) 278-1844 FAX (949) 278-1844  
 1999 South Hill St, Suite B-102, Pomona, CA 92404 (951) 790-0044 FAX (951) 790-0044  
 1444 Chesapeake Dr, Suite 300, San Diego, CA 92123 (619) 544-0040 FAX (619) 544-0040

Revised 11-11-99 by Dave DeVries @ HLA GT-

3381

Page: of

CHAIN OF CUSTODY FORM

Client Name: HARDING LAWSON ASSO- State: CA Zip: 92610  
 Address: 1711 CAMPUS SUITE 100  
 City: IRVINE Fax: 760-1830  
 Tel: 760-1800

P.O./Project Number: 48827

Project Name: CCCC

Project Manager: 48827 - DAVE DEVRIES

Sampler(s) (signature): Pat S. J. d.

Sample I.D. #	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) <input checked="" type="checkbox"/> 8020 (BTEX)	8015 (Diesel) <input checked="" type="checkbox"/> 8015/8020/MTBE	Oil & Grease - EPA 4132	TRPH - EPA 418.1	EPA 8010 <input type="checkbox"/> EPA 8010/8020 <input type="checkbox"/>	EPA 8270	T16 22 Metals EPA 6010/7000 <input type="checkbox"/>	+Cr VI <input type="checkbox"/>	EPA 8260 <input type="checkbox"/> + Organics	- MTBE <input type="checkbox"/> - MTBE only <input type="checkbox"/>	Lead	PH
B5-7015	Soil	11-5-99					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B5-20							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B5-30							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B6-5							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B6-20							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B6-25							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B6-30							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B9-10							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B9-20							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B9-30							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

Turnaround Time: (check one)  
 Same Day  24 Hours  72 hours   
 5 Days  Standard

Date/Time: 11/5/99 10:50  
 Date/Time: 11/5/99 10:50  
 Date/Time: 11/5/99 10:50

Received by: [Signature]  
 Received by: [Signature]  
 Received in Lab by: [Signature]

Relinquished by: Pat S. J. d. Date/Time: 11/5/99 4:58  
 Relinquished by: [Signature] Date/Time: [Signature]  
 Relinquished by: [Signature] Date/Time: [Signature]

Notes: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.



**CHAIN OF CUSTODY FORM**

Client Name: **HARDING LAWSON ASSOC.** P.O./Project Number: **48827** Quote No.: **CCCD**

Address: **2171 CAMINS, SUITE 100** Project Name: **DAVE DEURIES**

City: **IRVINE** State: **CA** Zip: **92618** Project Manager: **DAVE DEURIES**

Tel: **760-1800** Fax: **960-1830** Sampler(s) (signature): **Pet S.L.L.**

Sample ID	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	E015 (Gas) <input type="checkbox"/> E020 (BTEX) <input type="checkbox"/>	E015/2020/MTBE <input type="checkbox"/>	5015 (Diesel) <input checked="" type="checkbox"/>	Simulated Fuel <input checked="" type="checkbox"/>	Oil & Grease - EPA 413.2 <input type="checkbox"/>	TRPH - EPA 415.1 <input type="checkbox"/>	EPA 8010 <input type="checkbox"/>	EPA 8010/2020 <input type="checkbox"/>	EPA 2270 <input type="checkbox"/>	TIME 22 Metals EPA 6010/7000 <input type="checkbox"/>	+Cr VI <input type="checkbox"/>	EPA 8260 + Oxygenates <input type="checkbox"/>	+MTBE <input type="checkbox"/> MTBE only <input type="checkbox"/>	Lead <input type="checkbox"/>	
B8-20	Soil	11/5/99																			
B7-20	Soil	11/5/99																			
<del>B9-25</del>	<del>Soil</del>	<del>11/5/99</del>																			

Turnaround Time: (check one)  
 Same Day  72 hours   
 24 Hours  5 Days   
 48 Hours  Standard

Sample Integrity:  Intact:  On Ice

Relinquished by: **Pet S.L.L.** Date/Time: **11/5/99 - 4:58**

Received by: **[Signature]** Date/Time: **11/6/99 10:50**

Relinquished by: **[Signature]** Date/Time: **11/6/99 10:50**

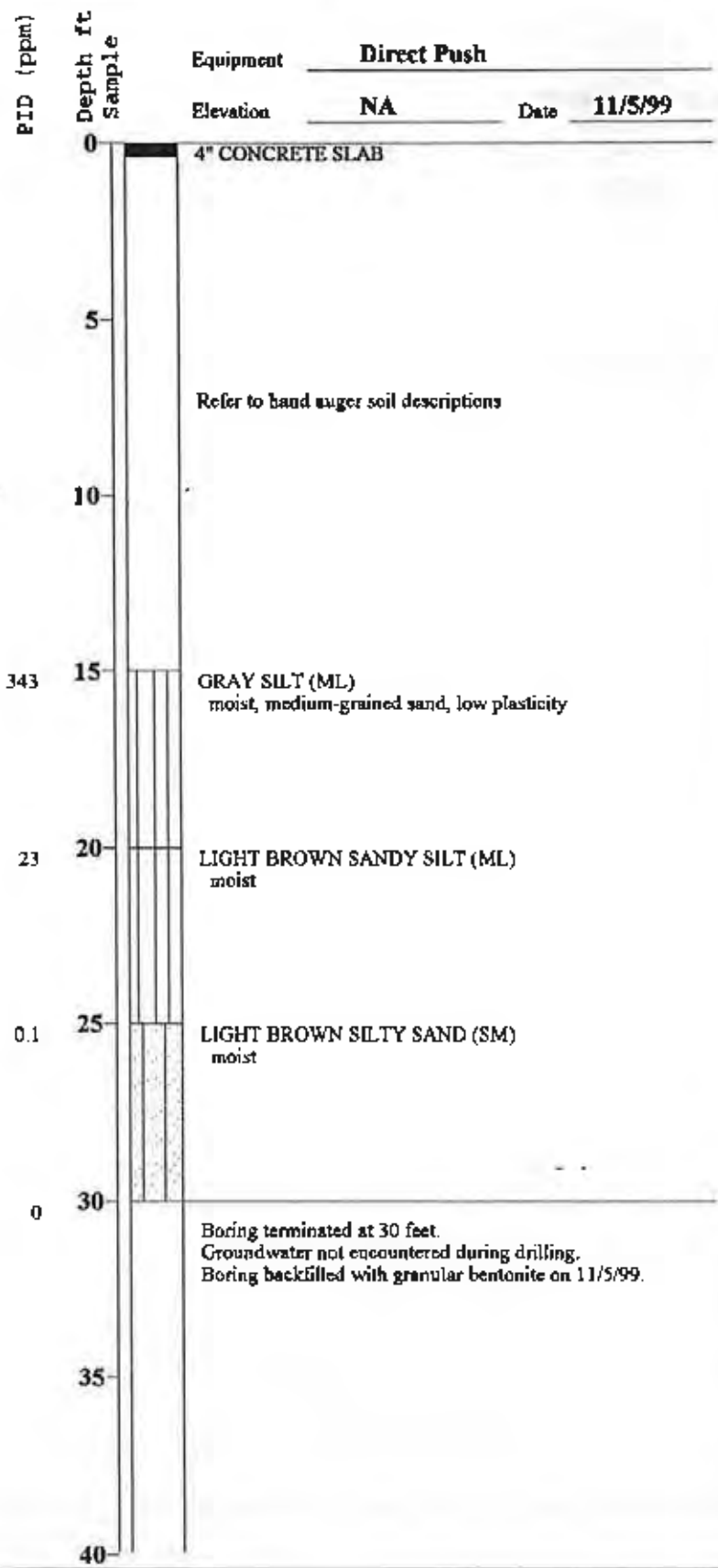
Received by: **[Signature]** Date/Time: **11/6/99 10:50**

Remarks:

**ATTACHMENT B**

**BORING LOGS/HAND AUGER SOIL DESCRIPTIONS**

11/15/99



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**Log of Boring B-5**  
Coast Community College District  
Costa Mesa, California

(sheet 1 of 1)

PLATE

DRAWN  
JK

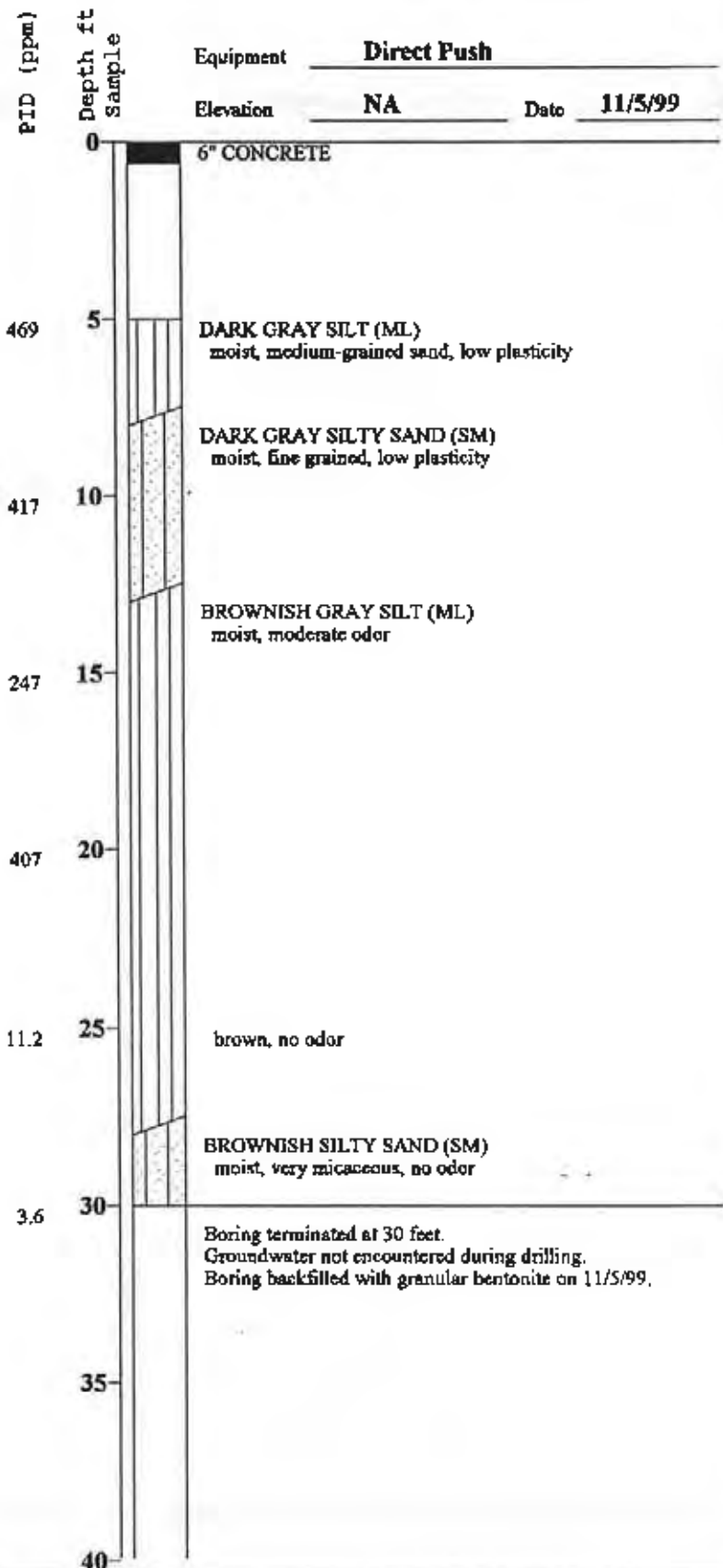
PROJECT NUMBER  
48900-1

APPROVED

DATE  
11/99

REVISED DATE

00000-00001



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**Log of Boring B- 6**  
Coast Community College District  
Costa Mesa, California

(sheet 1 of 1)

PLATE

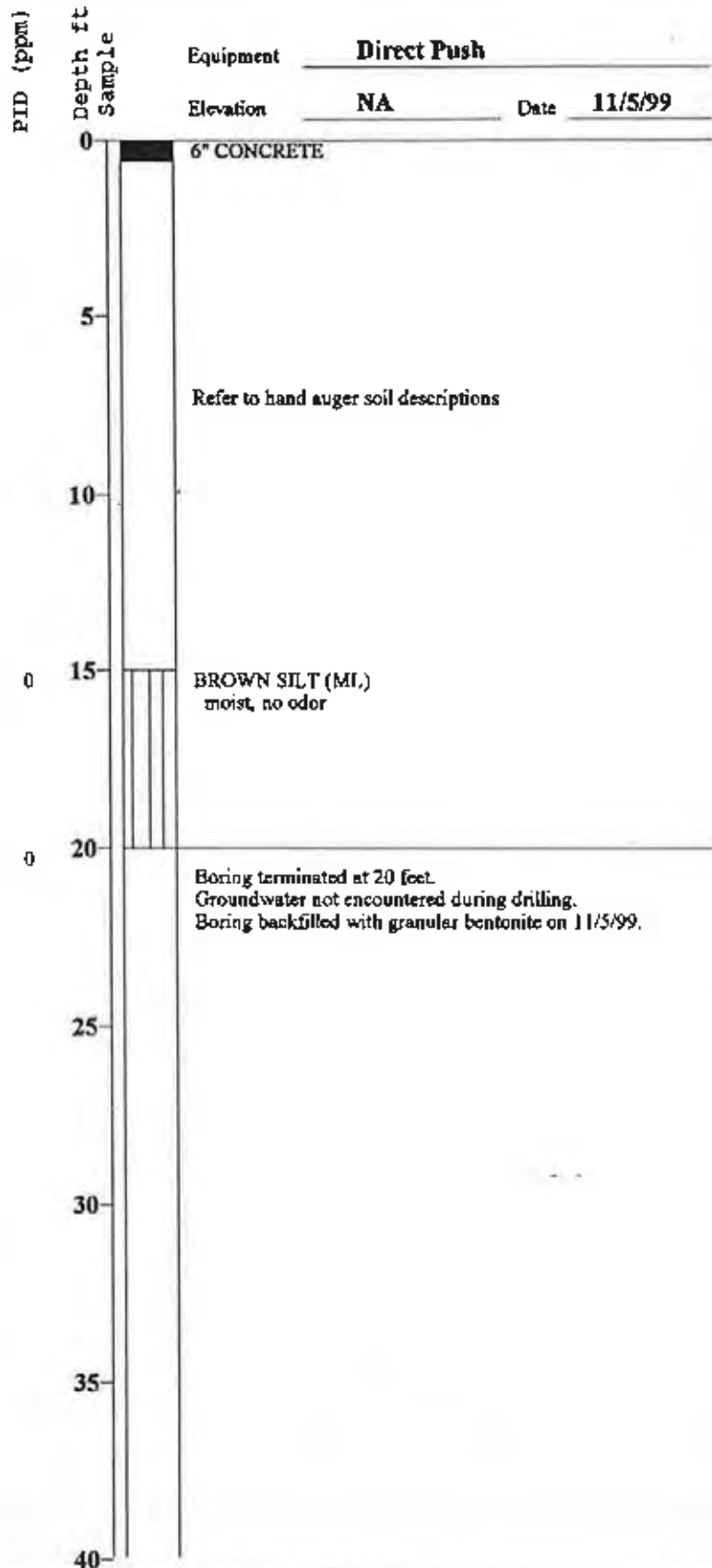
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HK

PROJECT NUMBER  
48900-1

APPROVED

DATE  
11/99

REVISED DATE



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**Log of Boring B- 7**  
Coast Community College District  
Costa Mesa, California

(sheet 1 of 1)

PLATE

*DRAWN*  
HK

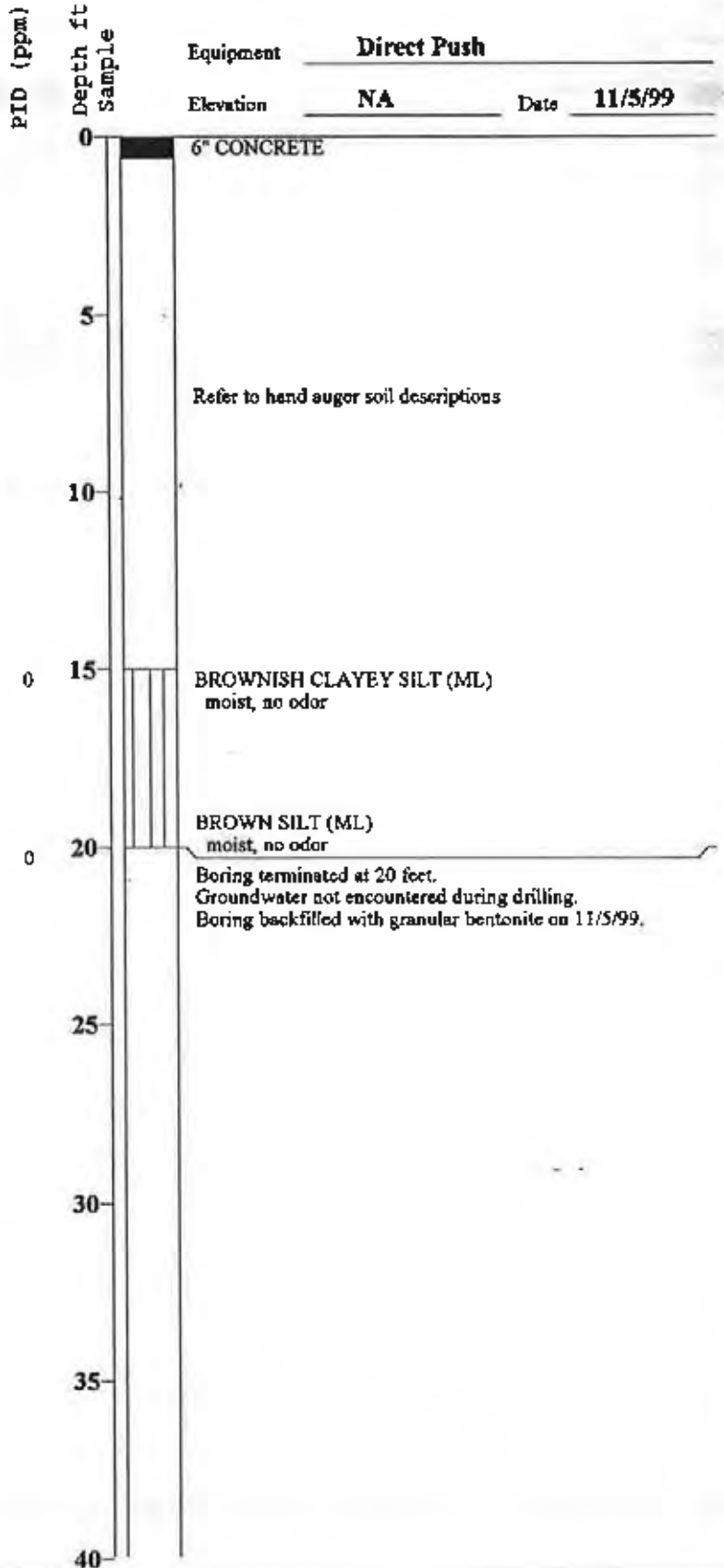
*PROJECT NUMBER*  
48900-2

*APPROVED*

*DATE*  
11/99

*REVISED DATE*

10/20/00/



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**Log of Boring B- 8**  
Coast Community College District  
Costa Mesa, California

(sheet 1 of 1)

PLATE

DRAWN  
HK

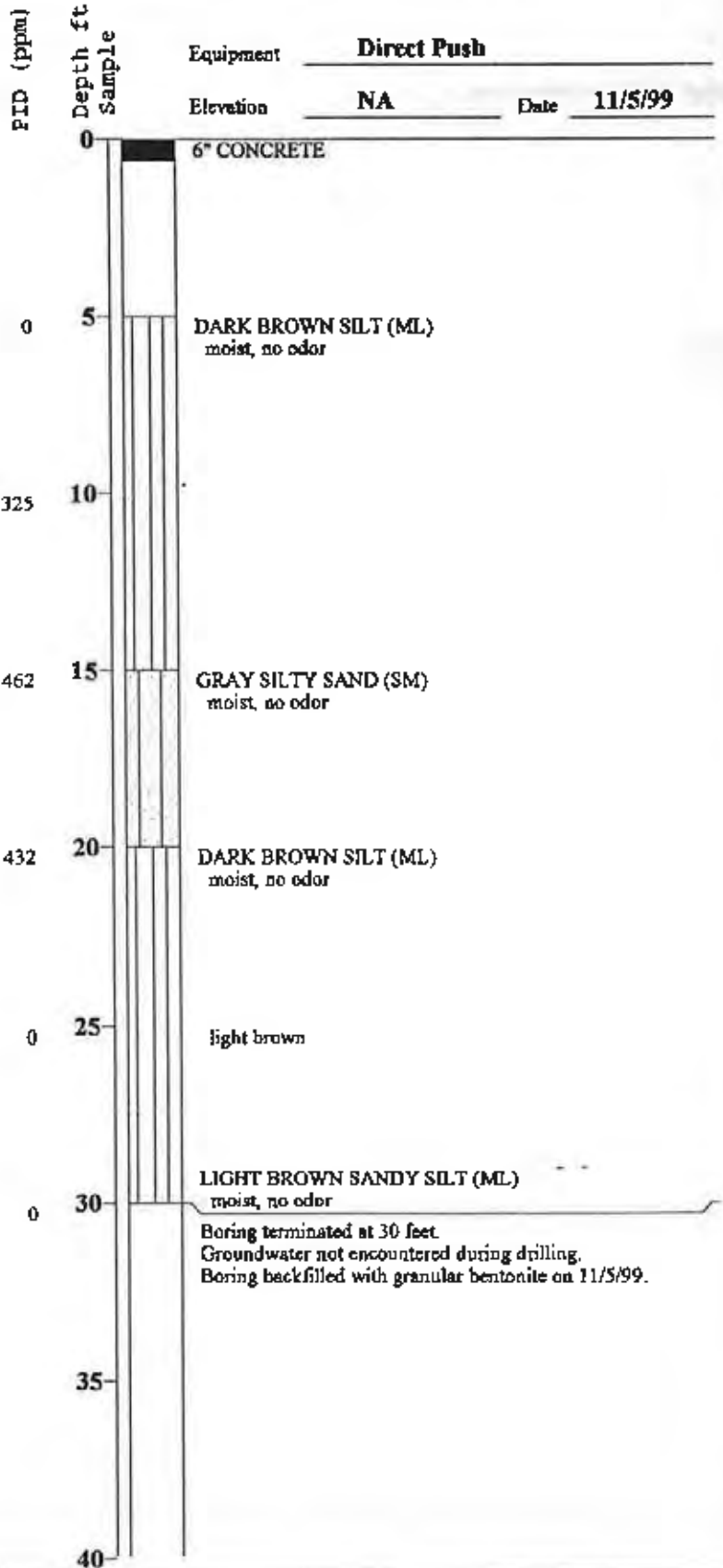
PROJECT NUMBER  
48900-1

APPROVED

DATE  
11/99

REVISED DATE

10/11/99



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**Log of Boring B- 9**  
Coast Community College District  
Costa Mesa, California

(sheet 1 of 1)

PLATE

DRAWN	PROJECT NUMBER	APPROVED	DATE	REVISED DATE
HK	48900-1		11/99	

**HAND AUGER SOIL DESCRIPTIONS**  
**HLA Project # 48900-1**  
**OCCC Building #7**  
**11-2-99**

Boring ID	Depth (feet)	Soil Type	Odor	PID (ppm)
B-1	5.0	Clay	Strong	20.0
	7.5	Silty Clay	Strong	67.0
	10.0	Sandy Silt	Strong	95.0
	11.5	Sandy Silt	Moderate	49.0
	15.0	Sandy Silt	Strong	208.0
B-2	2.5	Clay	Moderate	35.0
	5.0	Silty Clay	Light	22.0
	7.5	Sandy Silt	Light	9.0
	10.0	Sandy Silt	Light	5.8
B-3	2.5	Clay	Light	12.5
	5.0	Silty Clay	Light	1.5
	7.5	Sandy Silt	Light	9.0
	10.0	Sandy Silt	No Odor	0.0
B-4	2.5	Clay	Light	7.0
	5.0	Silty Clay	Strong	123.0
	7.5	Sandy Silt	Light	10.0
	10.0	Sandy Silt	Light	9.0



**ATTACHMENT C**  
**FIELD PROCEDURES**

## FIELD PROCEDURES

All drilling activities were supervised by a Harding Lawson Associates (HLA) scientist, who logged the borings and collected soil samples. Each proposed boring location was hand augered to a depth of approximately 5 feet prior to drilling to confirm the absence of subsurface utilities.

### Field Equipment

Borings were drilled by hand auger methods or by Vironex, Inc. of Santa Ana, California, with a Geoprobe direct push equipped rig. Soil samples were collected with a 1.5-inch outside diameter by 24-inch long barrel sampler lined with four 1-inch outside diameter by 6-inch long brass tubes. The sampler was driven into undisturbed soil using the drill rigs hydraulics.

The breathing zone of workers was monitored for volatile organic compounds using a photoionization detector (PID). The PID was calibrated to a hexane standard prior to the start of work each day. Field screening of soil samples was also conducted with a PID calibrated to a hexane standard.

### Drilling and Soil Sampling

All downhole equipment was fully decontaminated prior to drilling each boring. Upon retrieval, the sampler was disassembled and sampling tubes were separated using a sampling knife. Soil samples were screened with a PID using both the headspace-reading methods. The headspace-reading method consisted of placing a small quantity of soil collected from the shoe of the sampler into a resealable plastic bag, and allowing VOCs to volatilize approximately 15 minutes. The soil vapor in the plastic bag was then monitored by inserting the probe of the PID into the bag, and measuring and recording the VOC reading. Samples exhibiting the highest PID measurements were generally selected for laboratory analysis.

Each sample tube was covered at both ends with Teflon sheets and capped with plastic caps. Labels with job designation, time, boring number, sample depth interval, sample number, date sampled, and the initials of the field geologist were attached to each sample tube. The samples were then individually enclosed in plastic bags and stored in ice-chilled coolers prior to and during shipment. The ice used to maintain cooler temperature was double-bagged in plastic bags.

Soil samples from the direct push borings were logged following the Unified Soil Classification System (USCS), which conforms to ASTM Method D2488-90, under the direct supervision of an HLA geologist.

Upon completion of soil sampling, the borings were backfilled to the surface with granular bentonite. The soil cuttings were placed on the existing stockpile inside building #7.

### Decontamination

The soil sampler and downhole equipment were decontaminated by washing in a Liqui-Nox and water solution, and rinsing with potable and distilled water, respectively. Clean, new brass tubes were used as the two lowermost sampling tubes for each drive. The uppermost sampling tube was decontaminated as described above, and reused.



August 31, 1990

**HEALTH CARE AGENCY**  
**PUBLIC HEALTH SERVICES**  
ENVIRONMENTAL HEALTH DIVISION  
2009 E. EDINGER AVENUE  
SANTA ANA, CALIFORNIA 92705  
(714) 667-3700

Eugene F. Harrie  
Coast Community College District  
1370 Adams Avenue  
Coast Mesa, CA 92626

Subject: Remedial Action At Orange Coast Community College, 2701 Fairview,  
Costa Mesa, CA 92626 - O.C.H.C.A. Case #88UT91

Dear Mr. Harrie:

This letter confirms the completion of site investigation and remedial action at the above site. With the provision that the information provided to this Agency was accurate and representative of existing conditions, it is the position of this office that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at the site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this Agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, please contact Arghavan Rashidi-Fard at (714) 667-3713.

Very truly yours,

Livia E. Davanzo Ph.D., R.F.A.  
Program Manager  
Hazardous Materials Management Section  
Environmental Health Division

LFD:ARF:gmj

cc: Steve Overman, Santa Ana Regional Water Quality Control Board  
Costa Mesa Fire Department

TOM L  
DIRE

L. REX EHLING,  
HEALTH OFI

ENVIRONMENTAL HEALTH DIV  
ROBERT E. MERRYMAN, REHS  
DEPUTY DIRE

MAILING ADDRESS: P.O. BOX  
SANTA ANA, CA

88UT91

Date: 8/24/88

Case: I.D.: 38

SUMMARY SITE CLOSURE RATIONALE

Facility Name: Orange Crest Community College Resources affected:  Soil  Groundwater

Address: 2701 Fairview, Costa Mesa, 92622

Current Land Use: Horticulture Area Future Land Use: unknown

Current Adjacent Land Use: Buildings (Agriculture) Future Adjacent Use: unknown

Resources affected:  Soil  Groundwater

Highest Initial/Final Concentrations (mg/kg) of Each Contaminant in Soil:

<u>TPH (Waste Oil)</u>	<u>30000 / 43</u>	_____	<u>1</u>
(Name)	(Conc.)	(Name)	(Conc.)
_____	<u>1</u>	_____	<u>1</u>
(Name)	(Conc.)	(Name)	(Conc.)

Extent of Contamination (Lateral And Vertical) - Area 45 x 40 x Vertical 25'

Soil Type: Silly Clay native soil Deepest Boring 45'

Depth To Groundwater: 45 Ft. (  Measured By Borings,  Estimated)

Hydrogeologic Conditions:  Forebay  Pressure Zone

Hills  Near O.C.W.D. Recharge Zones

Special Conditions: Spill piles from another tank used (OCHCA case # 8910198) was moved with this tank p

Describe Cleanup Efforts: Spills were chemically treated with bleach and left on site after verification sampling result were non-detect. Pit was excavated + backfilled with clean soil.

Rationale For Closure: Three tanks containing diesel and waste oil were removed on 1/5/88. Pit was excavated down to 25' and some TPH contamination was found. Accordi

*Handwritten initials and date:* 8/31/88

HEALTH INSPECTION REPORT (continued)  
Orange County Health Care Agency / Public Health  
Environmental Health

Mailing Address: P.O. Box 355  
Santa Ana, CA 92702

DBA Orange Coast Comm. College ADDRESS 2701 Fairview CITY Costa Mesa

ITEM NO.

to Gene Harrie of OCC, the pit was "overexcavated and filled with 'clean fill.' (10/25/88 Activity log). Pit was then cemented over. On 6/22/89, an initial vertical boring was drilled to 33' below grade. Three samples were collected at 20', 25' and 33'. Samples were analyzed for TPH, TRPH and BTXE. The only contamination was 3.2 ppm TRPH at 33'. On 1/30/90 two additional borings, one slanted & one vertical, were drilled to 36' below grade to complete site investigation. Nine samples were taken and analyzed for TPH, TRPH and BTXE. All lab results from nine samples were non-detect except 43 ppm TRPH in one boring (OCC-3) at 15' & 20' below grade. However, two additional samples taken from the same boring (OCC-3) at 25' and 30' below grade were non-detect.

Spoils from this site were mixed with spoils from adjacent cleanup site (OCHA case # 89 UT 198) and treated chemically. After verification sampling showed soil clean, soils were left on site.

Present contamination is within allowable.

SANITARIAN F0272-9.373.4

A. Rashidi - Ford

RECEIVED BY

DATE 8/30/90

**APPENDIX A**

**SOIL SAMPLING AND HEADSPACE ANALYSIS PROCEDURES**

## APPENDIX A

### SOIL SAMPLING AND HEADSPACE ANALYSIS PROCEDURES

#### A.1 Soil Sampling Procedures

1. Drilling was conducted using a drilling rig equipped with 7-inch, 8-inch, and 11-inch outside diameter hollow stem augers. All the augers were steam cleaned prior to being used.
2. The soil samples were collected with a split-barrel sampler lined with pre-washed brass and/or stainless steel tubes. Each sampler was driven approximately 18 inches with a 140-pound hammer dropping approximately 30 inches per blow. The number of blows used to drive the sampler each six inches was then recorded.
3. Either the lowermost or second lowermost tube from each sampler was removed from the sampler and capped on each end with heavy-duty aluminum foil and polyethylene end caps. The edges of the end caps were secured with electrical tape.
4. The samples were labeled with the boring number, date, and project number, and then placed in a plastic Ziploc bag.
5. The samples were stored in an ice chest cooled with ice to approximately 40 degrees Fahrenheit prior to being transported to a California Department of Health Services (DOHS) state-certified hazardous waste laboratory under chain-of-custody procedures.
6. The sampling equipment was washed between samples with a solution of water and trisodium phosphate, rinsed twice with tap water, and finally rinsed with deionized water.

#### A.2 Headspace Analytical Procedures

1. Soil from each sampled interval was extracted from the shoe of the sampler for a headspace analysis and placed in a plastic Ziploc bag. The bag was filled with approximately 50 grams of soil and closed.
2. After agitating the soil sample and then allowing it to sit for approximately three to four minutes, the probe of a portable organic vapor meter (OVM) was inserted through an opening in the bag and a reading was taken in the headspace.



3. The OVM used was an Hnu Systems, Inc. Model PI 101 photoionizer equipped with a 10.2 eV probe calibrated to 58 ppmv benzene.
4. The detection range reported by the manufacturer is 0.1 ppmv to 2,000 ppmv for benzene, and is reported to be similar for other volatile organic (hydrocarbon) compounds (VOCs).



**APPENDIX B**  
**BORING LOGS**

PROJECT > KEY



PROJECT NUMBER > AGI0000

LOGGED BY > JOHN GEOLOGIST

START DATE > 8 June 1989

CHECKED BY > JON LOVEGREEN

APPLIED  
GEOSCIENCES  
INC.

COMPLETION DATE > 8 June 1989

GROUND SURFACE ELEVATION DATUM (FT MSL) > 157.0 | DRILLING COMPANY > DRILLCO

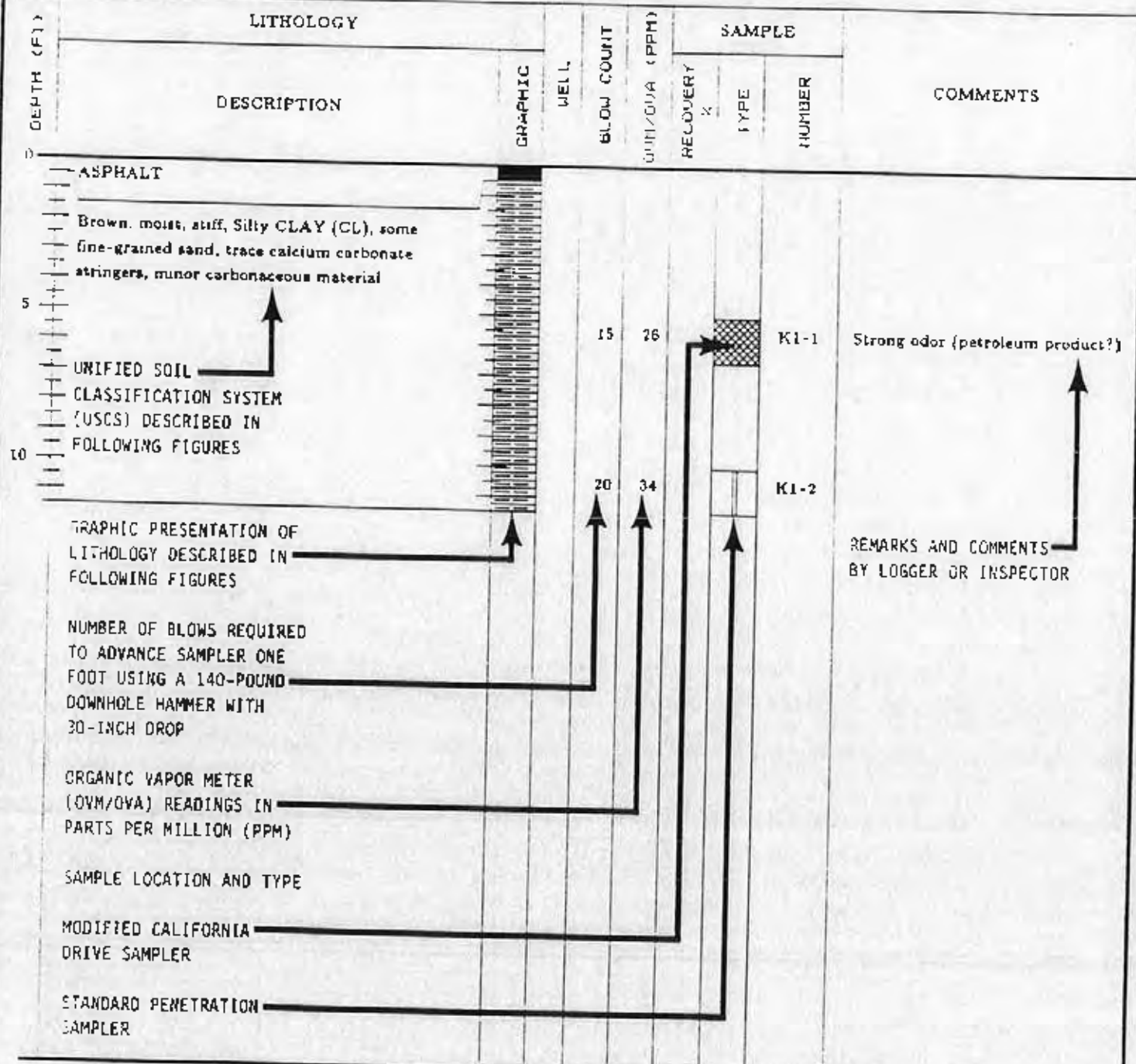
DRILLING EQUIPMENT > MOBILE DRILL CME WITH 6-INCH HOLLOW STEM AUGER

BORING DEPTH (FT) > 11.5 | WELL DEPTH (FT) > N/A | WATER DEPTH (FT)-Initial: | Completion:

WELL MATERIALS > N/A | WELL SCREEN INTERVAL (FT) > N/A TO N/A

WELL CASING ELEVATION (FT-MSL) > N/A | OVM/OVA > HNU WITH 10.2 EV PROBE

BACKFILL MATERIAL > BENTONITE CHIPS



BORING DESIGNATION  
**K1**

**BORING LOG**

PAGE NUMBER  
1 OF 1

FIGURE NUMBER

PRIMARY DIVISIONS			GROUP SYMBOL	SECONDARY DIVISIONS
COARSE GRAINED SOILS MORE THAN HALF OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVELS MORE THAN HALF OF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES)	GW	Well graded gravels gravel-sand mixtures little or no fines.
		GRAVEL WITH FINES	GP	Poorly graded gravels or gravel-sand mixtures little or no fines.
			GM	Silty gravels gravel-sand-silt mixtures non-plastic fines
		GC	Clayey gravels gravel-sand-clay mixtures plastic fines	
	SANDS MORE THAN HALF OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)	SW	Well graded sands gravelly sands little or no fines.
		SANDS WITH FINES	SP	Poorly graded sands or gravelly sands little or no fines.
			SM	Silty sands sand-silt mixtures non-plastic fines.
		SC	Clayey sands sand-clay mixtures plastic fines.	
FINE GRAINED SOILS MORE THAN HALF OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS LESS THAN 50%		ML	Inorganic silts and very fine sands rock flour silty or clayey fine sands or clayey silts with slight plasticity
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%		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 IS GREATER THAN 50%		MH	Inorganic silts micaceous or diatomaceous fine sandy or silty soils elastic silts
			CH	Inorganic clays of high plasticity fat clays
	SILTS AND CLAYS LIQUID LIMIT IS GREATER THAN 50%		OH	Organic clays of medium to high plasticity organic silts
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils

#### DEFINITION OF TERMS

SILTS AND CLAYS	U.S. STANDARD SERIES SIEVE			CLEAR SQUARE SIEVE OPENINGS			COBBLES	BOULDERS
	300	40	10	4	3/4"	3"		
	SAND			GRAVEL				
	FINE	MEDIUM	COARSE	FINE	COARSE			

#### GRAIN SIZES

SANDS, GRAVELS AND NON-PLASTIC SILTS	BLOWS/FOOT <sup>†</sup>
VERY LOOSE	0 - 4
LOOSE	4 - 10
MEDIUM DENSE	10 - 30
DENSE	30 - 50
VERY DENSE	OVER 50

CLAYS AND PLASTIC SILTS	STRENGTH <sup>‡</sup>	BLOWS/FOOT <sup>†</sup>
VERY SOFT	0 - 1/4	0 - 2
SOFT	1/4 - 1/2	2 - 4
FIRM	1/2 - 1	4 - 8
STIFF	1 - 2	8 - 16
VERY STIFF	2 - 4	16 - 32
HARD	OVER 4	OVER 32

#### RELATIVE DENSITY

<sup>†</sup> Number of blows of 140 pound hammer falling 30 inches to drive a 2 inch O.D. (1-3/8 inch I.D.) split spoon (ASTM D-1586).

<sup>‡</sup> Unconfined compressive strength in tons/sq. ft. as determined by laboratory testing or approximated by the standard penetration test (ASTM D-1586) pocket penetrometer torque or visual observation.

#### CONSISTENCY

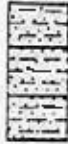
**APPLIED GEOSCIENCES INC.**  
Engineering, Geology and Hazardous Materials Consultants



UNIFIED SOIL  
CLASSIFICATION SYSTEM

LITHOLOGY

Clayey SAND



Silty SAND



SAND



Sandy SILT



SILT



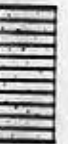
Clayey SILT



Silty CLAY



Sandy CLAY



Gravelly CLAY



CLAY



OBSERVATION WELL

BENTONITE



DRY MIX OF  
BENTONITE  
AND SAND



CEMENT



CUTTINGS



BLANK CASINGS



SLOTTED INTERVAL



BORING INFILL



**APPLIED GEOSCIENCES INC.**

*Engineering Geology and Hazardous Materials Consultants*



BORING LOG KEY

PROJECT ▷ ORANGE COAST COLLEGE

APPLIED  
GEOSCIENCES  
INC.

PROJECT NUMBER ▷ A891514A

LOGGED BY ▷ KERRY LEFEVER

START DATE ▷ 30 January 1990

CHECKED BY ▷ DAVID M. HENRY

COMPLETION DATE ▷ 30 January 1990

GROUND SURFACE ELEVATION DATUM (FT-MSL) ▷ 62.0

DRILLING COMPANY ▷ H-F DRILLING, INC.

DRILLING EQUIPMENT ▷ MOBILE DRILL B-53 WITH 7-INCH O.D. HOLLOW STEM AUGER (SLANT)

BORING DEPTH (FT) ▷ 40.0

WELL DEPTH (FT) ▷ N/A

WATER DEPTH (FT)-Initial: Completion:

WELL MATERIALS ▷ N/A

WELL SCREEN INTERVAL (FT) ▷ N/A TO N/A

WELL CASING ELEVATION (FT-MSL) ▷ N/A

OVM/OVA ▷ HNU WITH 10.2 EV PROBE

BACKFILL MATERIAL ▷ BENTONITE CHIPS


DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OVM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0	ASPHALT								Boring drilled at approximately 20 degree angle from vertical All depths are drill depths unless otherwise noted Artificial fill from 0.5 to 1.5 feet below ground surface
	Gray, dry, Sandy GRAVEL (GM)								
5	Dusky brown (5 YR 2/2), damp, hard, Silty CLAY (CL) with roots								
	Becomes dark yellowish brown (10 YR 4/2), dry with caliche at 6.0 feet			89	<1	50		OCC2-1	
10	Becomes pale orange (10 YR 8/2) at 10.0 feet			81/ 6"	<1	40		OCC2-2	
15	Yellowish gray (5 Y 7/2), dry, very dense, very fine SAND (SW)			76	<1	100		OCC2-3	
20	Pale yellowish brown (10 YR 8/2), damp, hard, Silty CLAY (CL) with black concretions								Vertical depth - 9.4 feet below ground surface
	Becomes grayish orange (10 YR 7/4) at 18.0 feet								
	Becomes grayish moderate yellowish brown (10 YR 5/4), with decreasing silt content and white stringers at 20.0 feet			59	<1	100		OCC2-4	
25	Becomes greenish gray (5 GY 6/1), with orange mottling and caliche veins at 23.5 feet								
	Moderate yellowish brown (10 YR 5/4), damp, dense, medium to coarse SAND (SW) with mica			47	<1	50		OCC2-5	Vertical depth - 18.8 feet below ground surface
30	Becomes reddish brown, very dense, and			112	<1	100		OCC2-6	

BORING DESIGNATION  
OCC2

BORING LOG

PAGE NUMBER  
1 OF 2FIGURE NUMBER  
a



DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OUM/DVA (PPM)	SAMPLE		COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	
30	coarse-grained at 29.0 feet							Vertical depth - 28.2 feet below ground surface
	Becomes medium to coarse-grained with minor clay at 32.0 feet							
35	Becomes brownish gray (5 YR 4/1), dry, fine to medium-grained at 35.0 feet			108	<1	100	OCC2-7	No petroleum hydrocarbon odor noted from samples or cuttings
40	Bottom of boring at 40.00 feet		14/3"	<1	100	OCC2-8	Vertical depth - 36.6 feet below ground surface	

PROJECT > ORANGE COAST COLLEGE



PROJECT NUMBER > A891514A

LOGGED BY > ROB JOHNSON

START DATE > 30 January 1990

CHECKED BY > DAVID M. HENRY

COMPLETION DATE > 30 January 1990

GROUND SURFACE ELEVATION DATUM (FT-MSL) > 62.0

DRILLING COMPANY > H-F DRILLING, INC.

DRILLING EQUIPMENT > MOBILE DRILL B-53 WITH 7-INCH O.D. HOLLOW STEM AUGER

BORING DEPTH (FT) > 36.0

WELL DEPTH (FT) > N/A

WATER DEPTH (FT)-Initial: Completion:

WELL MATERIALS > N/A

WELL SCREEN INTERVAL (FT) > N/A TO N/A

WELL CASING ELEVATION (FT-MSL) > N/A

OVM/OVA > HNU WITH 10.2 EV PROBE

BACKFILL MATERIAL > BENTONITE CHIPS

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OVM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0	ASPHALT								Artificial fill from 0.5 to 22.0 feet below ground surface
0.5	Gray brown, damp, Silty, Sandy GRAVEL (GM)								
5									
10									
11.0	Increasing clay content at 11.0 feet								
15				16	3.5	40		OCC3-1	
20				15	1	65		OCC3-2	
25	Orange brown, moist, dense, medium to coarse SAND (SW)			47	<1	100		OCC3-3	Slight petroleum hydrocarbon odor noted in sample
30	White gray, damp, very dense, Silty, fine to medium SAND (SM)			112	<1	100		OCC3-4	Slight petroleum hydrocarbon odor

BORING DESIGNATION  
**OCC3**

**BORING LOG**

PAGE NUMBER  
1 OF 2

FIGURE NUMBER  
a

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OUM/OVA (PPM)	SAMPLE		COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	
30								
35	Interbedded grey brown, damp, very dense, Silty, fine SAND (SM) and orange brown, coarse SAND (SP) with occasional gravel			90/ 8"	<1	50	OCC-5	noted in sample
	Bottom of boring at 36.0 feet							



**APPENDIX C**

**LABORATORY REPORT OF CHEMICAL ANALYSES AND  
CHAIN-OF-CUSTODY RECORD**

February 5, 1990

RECEIVED

FEB 06 1990

APPLIED GEOSCIENCES INC.

APPLIED GEOSCIENCES  
17321 Irvine Blvd  
Tustin, CA 92680

Attn: Kerry Lefever

JOB NO. 14735

**WCAS**

**WEST COAST  
ANALYTICAL  
SERVICE, INC.**

ANALYTICAL CHEMISTS

A

LABORATORY REPORT

Samples Received: Thirteen (13) soil samples  
Date Received: 1-31-90  
Purchase Order No: Proj#: A891514A/OCC

The samples were analyzed as follows:

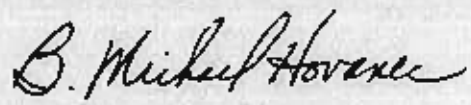
<u>Samples Analyzed</u>	<u>Analysis</u>	<u>Results</u>
Four (4) soils	Volatile Aromatics by EPA 8020	Data Sheets
Five (5) soils	Fuel Hydrocarbons by modified EPA 8015 (LUFT Manual, May 1988)	Table I
Eight (8) soils	Total Petroleum Hydrocarbons by EPA 418.1	Table II

Enclosures: Chromatograms

Page 1 of 2



Michael Shelton  
Senior Chemist



B. Michael Hovanec  
Senior Staff Chemist

## WEST COAST ANALYTICAL SERVICE, INC.

APPLIED GEOSCIENCES  
Mr. Kerry LefeverJob # 14735  
February 5, 1990

## LABORATORY REPORT

TABLE I

Fuel Hydrocarbons by Modified EPA 8015  
(LUFT Manual, May 1988)

Parts Per Million (mg/Kg)

Sample No.	C <sub>5</sub> -C <sub>10</sub> Gasoline	C <sub>7</sub> -C <sub>12</sub> Mineral Spirits	C <sub>7</sub> -C <sub>15</sub> Kerosene	C <sub>10</sub> -C <sub>20</sub> Diesel Fuel	C <sub>15</sub> -C <sub>30</sub> Heavy Hydrocarbons
OCC2-4	ND	ND	ND	ND	ND
OCC2-6	ND	ND	ND	ND	ND
OCC2-8	ND	ND	ND	ND	ND
OCC3-3	ND	ND	ND	ND	ND
OCC3-5	ND	ND	ND	ND	ND
Detection Limit	10	10	10	10	100

ND - Not Detected

Date Analyzed: 2-1-90

TABLE II

Parts Per Million (mg/Kg)

Sample No.	Total Petroleum Hydrocarbons
OCC2-4	ND
OCC2-6	ND
OCC2-7	ND
OCC2-8	ND
OCC3-2	43
OCC3-3	ND
OCC3-4	ND
OCC3-5	ND
Detection Limit	5

ND-Not Detected

Date Analyzed: 2-2-90

Client: APPLIED GEOSCIENCES INC.  
Job No: 14735  
Date  
Analyzed: 01-Feb-90  
Analysis: EPA 602 (8020)

Sample: OCC2-6  
Matrix: Soil  
Samp Amt: 1 gm  
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	2
Ethylbenzene	ND	1
Total Xylenes	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.

Client: APPLIED GEOSCIENCES INC.  
Job No: 14735  
Date  
Analyzed: 01-Feb-90  
Analysis: EPA 602 (8020)

Sample: OCC2-8  
Matrix: Soil  
Samp Amt: 1 gm  
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	2
Ethylbenzene	ND	1
Total Xylenes	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.

Client: APPLIED GEOSCIENCES INC.  
Job No: 14735  
Date  
Analyzed: 01-Feb-90  
Analysis: EPA 602 (8020)

Sample: OCC3-3  
Matrix: Soil  
Samp Amt: 1 gm  
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	2
Ethylbenzene	ND	1
Total Xylenes	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.

Client: APPLIED GEOSCIENCES INC.  
Job No: 14735  
Date  
Analyzed: 01-Feb-90  
Analysis: EPA 602 (8020)

Sample: OCC3-5  
Matrix: Soil  
Samp Amt: 1 gm  
Dil Fact: 1

Compound	Concentration ug/Kg	Detection Limits
Benzene	ND	1
Toluene	ND	1
Chlorobenzene	ND	2
Ethylbenzene	ND	1
Total Xylenes	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1
1,2-Dichlorobenzene	ND	1

ND-Not Detected. The limit of detection is reported above.



**APPLIED GEOSCIENCES INC.**

SHIPMENT NO.: 1



**CHAIN OF CUSTODY RECORD**

PAGE 1 OF 1

PROJECT NAME: OCC

DATE 1/13/90

PROJECT NO.: A 891514A

Sample Number	Location	Type of Sample		Type of Container	Type of Preservation		Analysis Required*
		Material	Method		Temp	Chemical	
OCC 2-1	5'	SOIL	DRIVE	SS tube	4°C	ICE	SOIL
OCC 2-2	10'						SOIL
OCC 2-3	15'						SOIL
OCC 2-4	20'						SOIL
OCC 2-5	25'						SOIL
OCC 2-6	30'						SOIL 8020
OCC 2-7	35'						4131
OCC 2-8	40'						414.1.305 n/20
OCC 3-1	15'						SOIL
OCC 3-2	20'						4131
OCC 3-3	25'						4131
OCC 3-4	30'						4131
OCC 3-5	35'						4131

Total Number of Samples Shipped: 13 | Sampler's Signature: Kerry Lefever

Relinquished By:  
 Signature: \_\_\_\_\_  
 Printed Name: KERRY LEFEVER  
 Company: APPLIED GEOSCIENCES, INC.  
 Reason: \_\_\_\_\_

Received By:  
 Signature: [Signature]  
 Printed Name: MARK NAWARD  
 Company: FED EXPRESS

Date: 1/13/90  
 Time: 1:20p

Relinquished By:  
 Signature: [Signature]  
 Printed Name: MARK NAWARD  
 Company: FED EXPRESS  
 Reason: \_\_\_\_\_

Received By:  
 Signature: [Signature]  
 Printed Name: MARK NAWARD  
 Company: FED EXPRESS # 014735

Date: 1/13/90  
 Time: 3:40p

Relinquished By:  
 Signature: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Reason: \_\_\_\_\_

Received By:  
 Signature: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_  
 Company: \_\_\_\_\_

Date: 1/1  
 Time: \_\_\_\_\_

Relinquished By:  
 Signature: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Reason: \_\_\_\_\_

Received By:  
 Signature: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_  
 Company: \_\_\_\_\_

Date: 1/1  
 Time: \_\_\_\_\_

Special Shipment / Handling / Storage Requirements:  
NEED ALL TO BE AROUND TIME  
CONTACT KERRY LEFEVER

\* Note - This does not constitute authorization to proceed with analysis

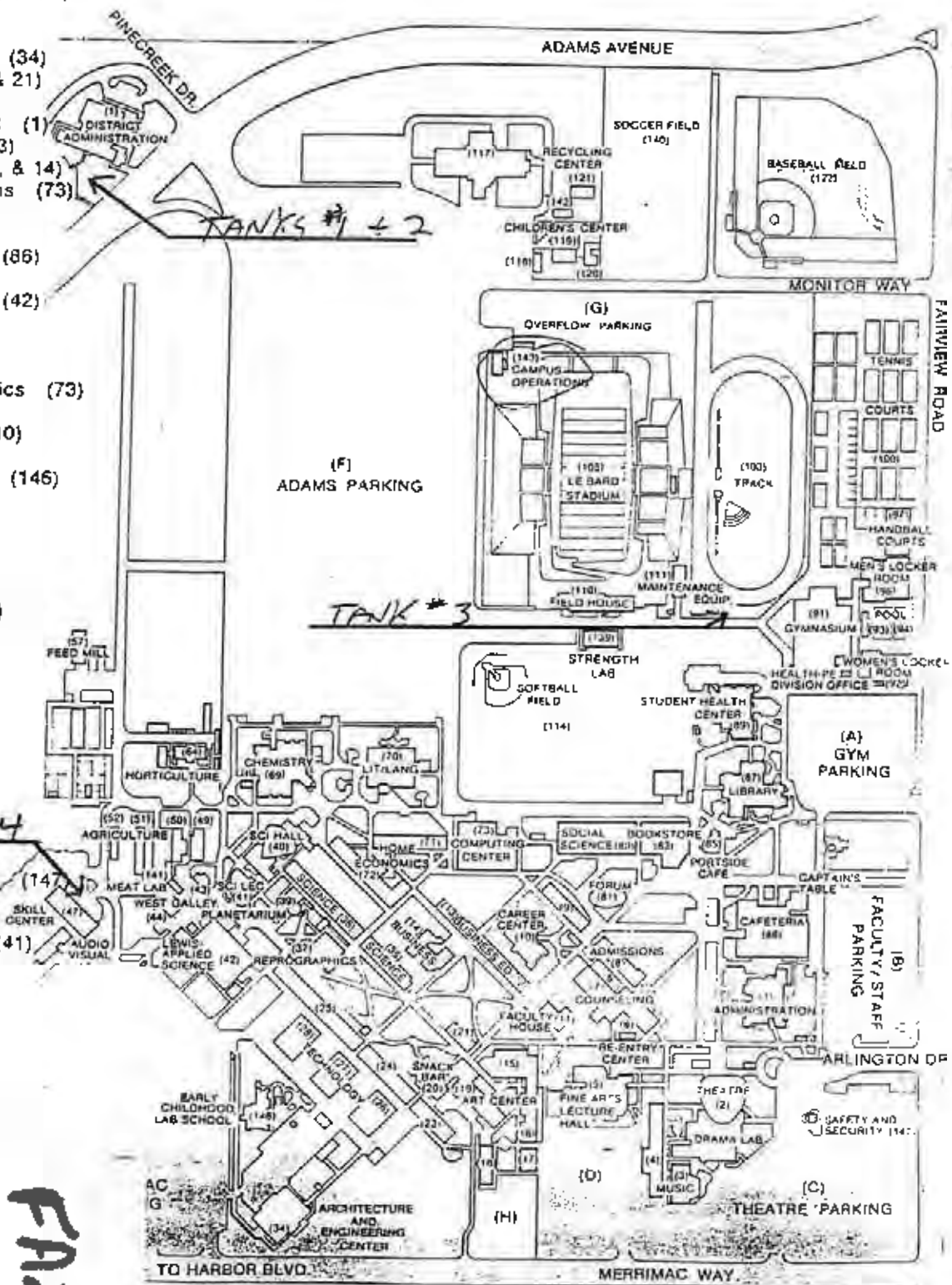
# ORANGE COAST COLLEGE

2701 Fairview Rd. Costa Mesa, CA 92626 (714) 432-0202

#1 & #2 = 1370 Adams (acct. # 6690)  
 #3 & #4 = 2701 Fairview (acct. # 6695)

## BUILDING NUMBERS IN PARENTHESES

- Administration (1)
- Admissions & Counseling (7, 8, 9)
- Agriculture (49-63, 65-68)
- Allied Health (44)
- Architecture & Engineering (34)
- Art Center/Gallery (15-19 & 21)
- Assessment Center (10)
- Associated Students of OCC (1)
- Bookstore & Warehouse (83)
- Business Education (12, 13, & 14)
- Business Information Systems (73)
- Cafeteria (86)
- Campus Operations (143)
- Captain's Table Restaurant (86)
- Career Center (10)
- Center for Applied Science (42)
- Chemistry (69)
- Children's Center (118-120)
- Community Services (86)
- Computer Center/Lab/Graphics (73)
- Construction (26)
- Disabled Students Center (10)
- Drama Lab (12)
- Early Childhood Lab School (146)
- EOPS (8)
- Financial Aid (87)
- Fine Arts (5)
- Forum (81)
- Gymnasium (Peterson) (91)
- Health Center (Student) (89)
- Home Economics (71 & 72)
- Horticulture (64)
- Learning Center (10)
- Library (87)
- Literature & Language (70)
- Media Center (87)
- Music (3 & 4)
- Planetarium (39)
- Recycling Center (121)
- Re-Entry (6)
- Reprographics (37)
- Safety/Security & Information (14)
- Science (35-39)
- Science Hall (40)
- Science Lecture Halls 1 & 2 (41)
- Skill Center (47 & 48)
- Snack Bars
  - The Cove (43)
  - Port Side Cafe (85)
  - West Galley (20)
- Social Science (80)
- Special Services (10)
- Stadium (Le Bard) (105-107)
- Student Center (86)
- Student Services (1)
- Technology (23-33)
- Tennis Courts (100)
- Theatre (2)
- Tutorial Center (10)
- Windjammer (86)



FA24548



• ACC

MS FOR THE DISABLED



**MOINE BROS.**

CONTRACTORS LIC. NO. 343468

**CERTIFICATE OF DESTRUCTION**

On this 20<sup>th</sup> day of OCTOBER (month), 19 89  
empty tanks/containers (as described below) were accepted by Moine Bros.  
and were cut/sheared or otherwise processed for scrapping in a safe and legal  
manner according to standard practices.

<u>Item</u>	<u>Size</u>	<u>Description</u>	<u>Source</u>
1	<u>3,000</u>	<u>STEEL TANK</u>	<u>2701 FAIRVIEW COSTA MESA.</u>
2	<u>1,000</u>	<u>STEEL TANK</u>	<u>"</u>
3	<u>2,000</u>	<u>STEEL TANK</u>	<u>"</u>
4	<u>1,000</u>	<u>STEEL TANK</u>	<u>"</u>
5	<u>          </u>	<u>          </u>	<u>          </u>
6	<u>          </u>	<u>          </u>	<u>          </u>

  
Moine Bros.

10/20/90  
Date

319 North Avalon Blvd, Wilmington, California 90744 (213) 830-1570



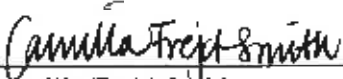



**Tank Closure Report  
Closure Permit No. 98-299  
Orange Coast College  
2701 Fairview Road  
Costa Mesa, California**

Prepared for

**Coast Community College District**  
1370 Adams Avenue  
Costa Mesa, California 92626

HLA Project No. 41334

  
\_\_\_\_\_  
Camilla Frejd-Smith  
Staff Environmental Specialist

  
\_\_\_\_\_  
Donald A. Pape, C.E.G.  
Principal Hydrogeologist

October 27, 1998



**Harding Lawson Associates**  
Engineering and Environmental Services  
30 Corporate Park, Suite 400  
Irvine, California 92606 - (949) 260-1800

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EXECUTIVE SUMMARY.....	III
1.0 INTRODUCTION .....	1
2.0 SITE DESCRIPTION.....	2
3.0 SCOPE OF WORK .....	3
3.1 Underground Storage Tank Removal .....	3
3.2 Backfilling, Compaction, and Restoration Activities .....	5
4.0 SUMMARY AND CONCLUSIONS .....	6

## TABLE

- 1 Soil Sampling Analytical Data - Tank Area

## PLATES

- 1 Site Location Map
- 2 Site Map
- 3 UST and Fuel Dispenser Area Map

## APPENDIXES

- A STANDARD FIELD PROCEDURES
- B TANK CLOSURE PERMIT
- C AIR MONITORING RESULTS
- D RINSATE MANIFESTS AND CERTIFICATE OF TANK DESTRUCTION
- E LABORATORY CERTIFICATES OF ANALYSES
- F SOIL COMPACTION REPORT

## DISTRIBUTION

## **EXECUTIVE SUMMARY**

Harding Lawson Associates (HLA) was retained by Coast Community College District (CCCD) to remove one underground storage tank (UST) and prepare this closure report. The tank was associated with Orange Coast College's maintenance equipment storage area.

The fuel dispensing area consisted of one 1,000-gallon UST (gasoline), one fuel dispenser, and associated piping. According to CCCD, the tank was installed in 1990 with a primary wall constructed of steel and a secondary wall constructed of fiberglass.

Between August 10 and 11, 1998, the dispenser, piping, and UST were removed by Quest Environmental. Under the direction of the Orange County Health Care Agency (OCHCA), soil samples were collected beneath the UST and dispenser. Samples were submitted to a State of California certified laboratory for analyses of total petroleum hydrocarbons as gasoline (TPHg); benzene, toluene, ethylbenzene, and xylenes (BTEX); and methyl tertiary butyl ether (MTBE). The soil excavated from the tank, dispenser, and piping areas was stockpiled at the Site.

The results of the laboratory analyses indicated that TPHg, BTEX, and MTBE were not detected in the soil samples collected beneath the USTs and piping. However, MTBE was detected in soil samples collected beneath the dispenser.

Based upon the analytical data collected during the tank removal, the tank and dispenser excavation was backfilled with the stockpiled soil as well as with clean, imported soil. The soil was compacted to a minimum of 93 percent maximum dry density.

## 1.0 INTRODUCTION

Harding Lawson Associates (HLA) was contracted by Coast Community College District (CCCD), Costa Mesa, California, to prepare this tank closure report for one fuel underground storage tank (UST) formerly located in the maintenance equipment storage area of Orange Coast College (Plates 1 and 2). This report documents the removal and disposal of the tank, the collection and disposal of tank rinsate, and the results of soil sampling. HLA performed environmental services for UST removal at the Site during the period August 10 through 14, 1998.

Tank removal, excavation, backfilling, and compaction services were performed by Quest Environmental (Brea, California) under contract to CCCD. Laboratory services were provided by Del Mar Analytical (Irvine, California) under contract to HLA. The laboratory is certified by the California Department of Health Services. Offsite transportation and disposal services of the UST and rinsate were coordinated by Nieto and Sons Trucking, Inc., which was contracted by Quest Environmental. This work was performed under the supervision of a State of California certified engineering geologist and in accordance with an Orange County Health Care Agency (OCHCA) closure permit (No. 98-299). HLA provided job coordination, site supervision, air monitoring, soil sampling, and reporting services.

## **2.0 SITE DESCRIPTION**

The Site is a former fuel dispensing area used by the Orange Coast College Maintenance and Operations Department. The fuel dispensing area consisted of one fuel UST (one 1,000-gallon unleaded fuel tank), one dispenser, and associated product piping (Plate 3). According to CCCD, the tank was installed in 1990 with a primary wall constructed of steel and a secondary wall constructed of fiberglass. The UST was used from 1990 until July 1998, when it was taken out of service.

### **3.0 SCOPE OF WORK**

The project scope of work consisted of the following activities:

- Removing interior fencing, surface concrete, and asphalt
- Performing air monitoring during all activities associated with substructure and grading excavations
- Removing the dispenser, product lines, and tank
- Collecting and analyzing soil samples as instructed by OCHCA Inspector Arghavan Rashidi-Fard
- Providing oversight of backfilling and compaction
- Preparing this report for submittal to CCCD and OCHCA

HLA's fieldwork and soil sampling activities were performed in accordance with our standard field procedures outlined in Appendix A. The work was also performed in accordance with the OCHCA-approved tank closure permit, which is included in Appendix B.

#### **3.1 Underground Storage Tank Removal**

On August 10, 1998, the product dispenser was removed. Approximately 250 gallons of clean fuel was removed from the UST before the process of removing the dispenser could start. The surface concrete and asphalt covering the tank and product lines were removed, and the tops of the tank and product lines were exposed. Organic vapor analyzer (OVA) readings were conducted per the South Coast Air Quality Management District's (SCAQMD) Rule 1166, "Volatile Organic Compound Emissions from Decontamination of Soil." OVA readings indicated 2 parts per million by volume (ppmv) of volatile organic compounds during tank and product line exposure. Results of air monitoring conducted during the removal of the UST, dispensers, piping, and soil are included in Appendix C.

On August 11, 1998, the tank was triple rinsed and rendered inert using dry ice until the interior atmosphere of the tank was below the lower explosive limit. The tank rinsate fluids were pumped from the tank and transported by Niceto and Sons Trucking, Inc., of Anaheim, California, to DeMenno Kerdoon of Compton, California, for recycling. The tank and product lines were removed under the direction of Fire Prevention Inspector Bill Halley of the Costa Mesa Fire Department (CMFD). During removal, the tank was observed by HLA to be in good condition with no evidence of cracks, holes, or spillage. The tank was transported by Niceto & Sons Trucking, Inc., to Adams Steel in Anaheim, California, where the tank was scrapped, crushed, and destroyed in a safe and legal manner according to standard practices. Copies of the rinsate manifests and certificate of tank destruction are included as Appendix D.

As instructed by OCHCA Inspector Rashidi-Fard, two confirmatory soil samples were collected. The first sample was collected at approximately 11 feet below ground surface (bgs), which was 2 feet below the tank invert. The second sample was collected approximately 1 foot below the former dispenser location. Soil samples were submitted to the laboratory for analyses of total petroleum hydrocarbons as gasoline (TPHg); benzene, toluene, ethylbenzene, and xylenes (BTEX); and methyl tertiary butyl ether (MTBE). All laboratory certificates of analysis are included in Appendix E.

As shown in Table 1 and on Plate 3, no petroleum hydrocarbons, BTEX, or MTBE was detected in soil sample HLA-01. However, soil sample HLA-02, collected below the former dispenser location at approximately 1 foot bgs, was found to contain MTBE at a concentration of 0.051 milligram per kilogram (mg/kg). To obtain a more accurate analysis of MTBE in sample HLA-02, an EPA 8260 (Mod.) analysis was performed. The MTBE concentration was found to be 0.21 mg/kg. As instructed by OCHCA Inspector Rashidi-Fard, a second, confirmatory soil sample was collected (S-1) at 2.5 to 3.0 feet below the former dispenser location. This sample did not contain detectable concentrations of petroleum hydrocarbons, BTEX, or MTBE.



### **3.2 Backfilling, Compaction, and Restoration Activities**

Approximately 9 cubic yards of fill was imported from Livingston Graham for excavation backfilling. On August 14, 1998, the UST excavation was backfilled. Compaction was accomplished by using a backhoe with a vibratory plate. Geo Environ performed compaction testing under contract to Quest Environmental. The required minimum 90 percent relative compaction was achieved. The compaction report is included in Appendix F.

#### **4.0 SUMMARY AND CONCLUSIONS**

The results of the tank, product line, and dispenser removals and associated soil investigations are summarized as follows:

- The tank was removed and disposed of in accordance with the guidance provided by the OCHCA and CMFD.
- The only detectable chemical in the soil samples collected below the UST or dispenser was MTBE at a concentration of 0.21 mg/kg. According to the OCHCA, this MTBE does not warrant remediation.

Based on the information provided in this report, HLA recommends that the OCHCA close the UST and that no additional environmental work related to the former fuel tank and dispenser area be performed. The tanks and lines have been removed and disposed in accordance with all applicable regulations.

**TABLES**

Table 1. Soil Sampling Analytical Data  
 Orange Coast College  
 Costa Mesa, California

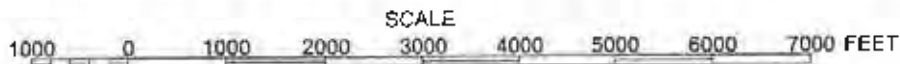
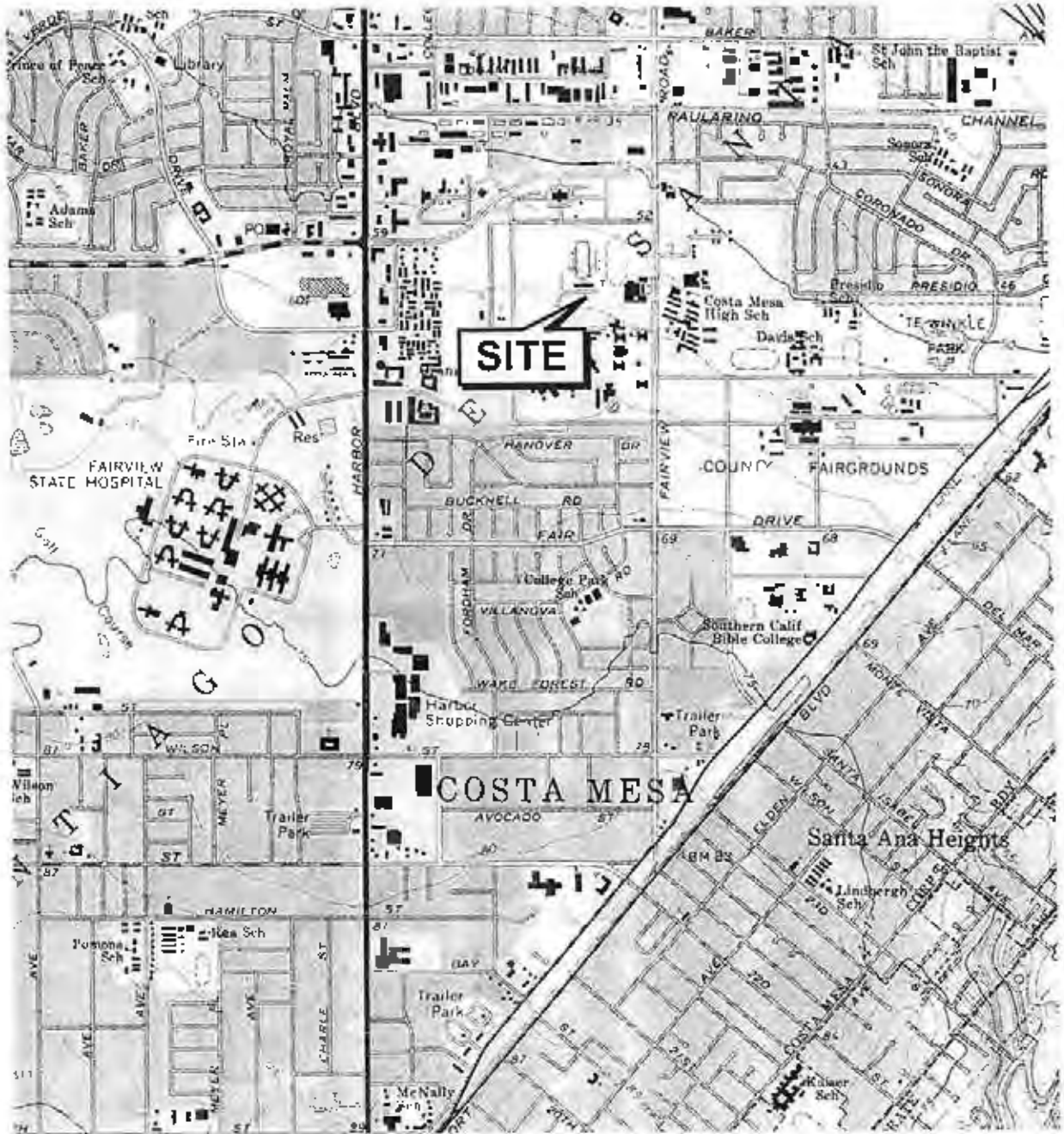
		Mod. EPA 8015					Mod. EPA 8020				
Sample Location	Sample ID	Depth (feet)	TPHg* mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl-benzene mg/kg (ppm)	Total Xylenes mg/kg (ppm)	MTBE mg/kg (ppm)			
UST Bottom	HLA-01	11	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.			
Dispenser	HLA-02	1	N.D.	N.D.	N.D.	N.D.	N.D.	<b>0.051</b>			
Reporting Limit			1.0	0.0050	0.0050	0.0050	0.015	0.035			

Confirmatory Analysis of MTBE	
Mod. EPA 8260	8260
MTBE µg/kg (ppb)	210
Reporting Limit	5.0

		Mod. EPA 8015					Mod. EPA 8260				
Sample Location	Sample ID	Depth (feet)	TPHg* mg/kg (ppm)	Benzene µg/kg (ppb)	Ethyl-benzene µg/kg (ppb)	Toluene µg/kg (ppb)	o-Xylene µg/kg (ppb)	m,p-Xylenes µg/kg (ppb)	MTBE µg/kg (ppb)		
Dispenser	S-1	2.5-3.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		
Reporting Limit			1.0	2.0	2.0	2.0	2.0	2.0	5.0		

\* Listed as Volatile Fuel Hydrocarbons in Laboratory Certificates of Analyses  
 mg/kg = milligrams per kilogram  
 µg/kg = micrograms per kilogram  
 N.D. = not detected

**PLATES**



REFERENCE: USGS 7.5-MINUTE QUADRANGLE, NEWPORT BEACH, CALIFORNIA (PHOTOREVISED 1981)



**Harding Lawson Associates**  
Engineering and  
Environmental Services

**SITE LOCATION MAP**  
Orange Coast College  
Coast Community College District  
Costa Mesa, California

PLATE

**1**

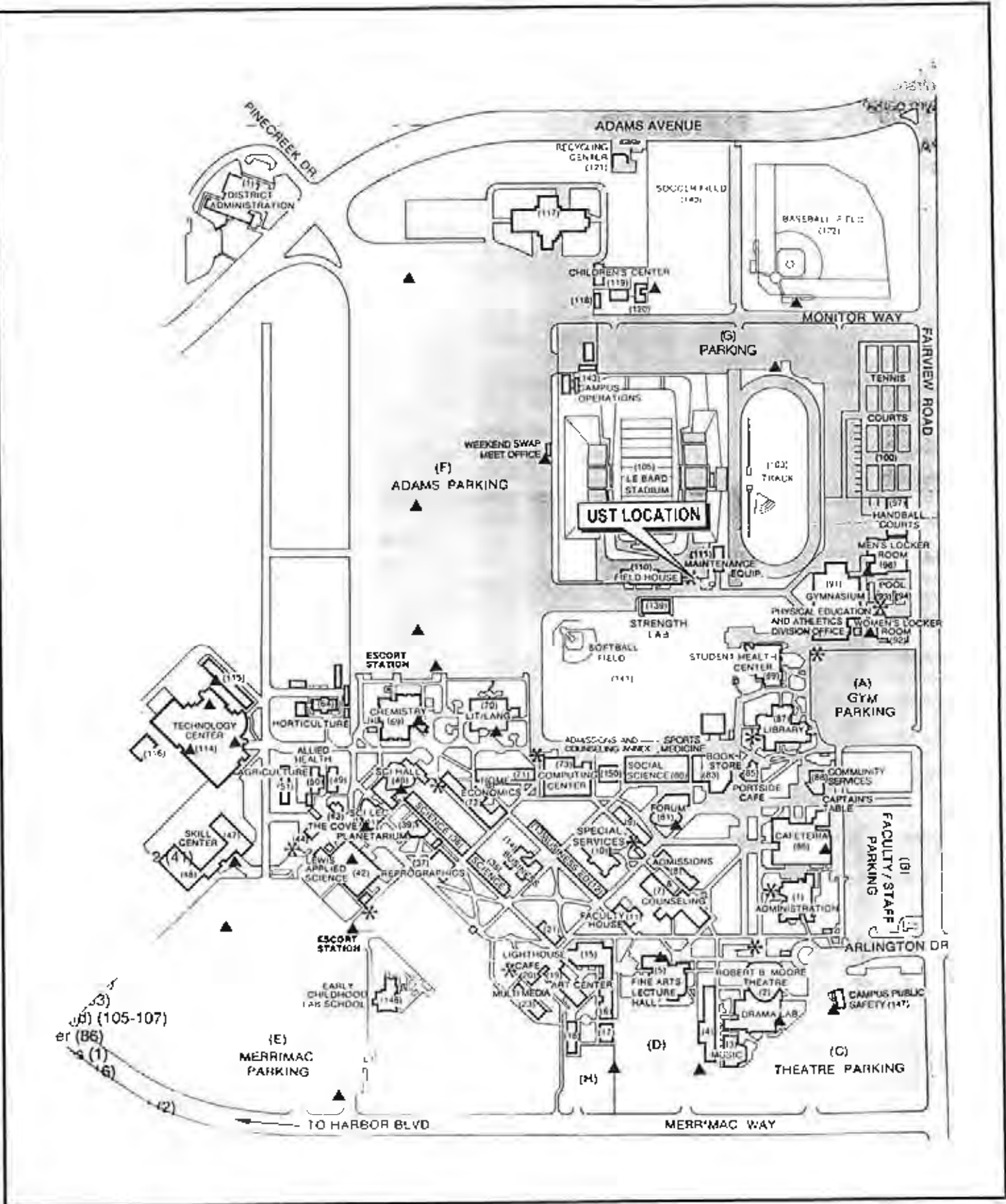
DRAWN  
JTL

PROJECT-TASK NUMBER  
41334-6

APPROVED

DATE  
10/98

REVISED DATE



**Harding Lawson Associates**  
 Engineering and  
 Environmental Services

DRAWN  
 JTL

PROJECT/TASK NUMBER  
 41334-6

**SITE MAP**  
 Orange Coast College  
 Coast Community College District  
 Costa Mesa, California

APPROVED

DATE  
 10/98

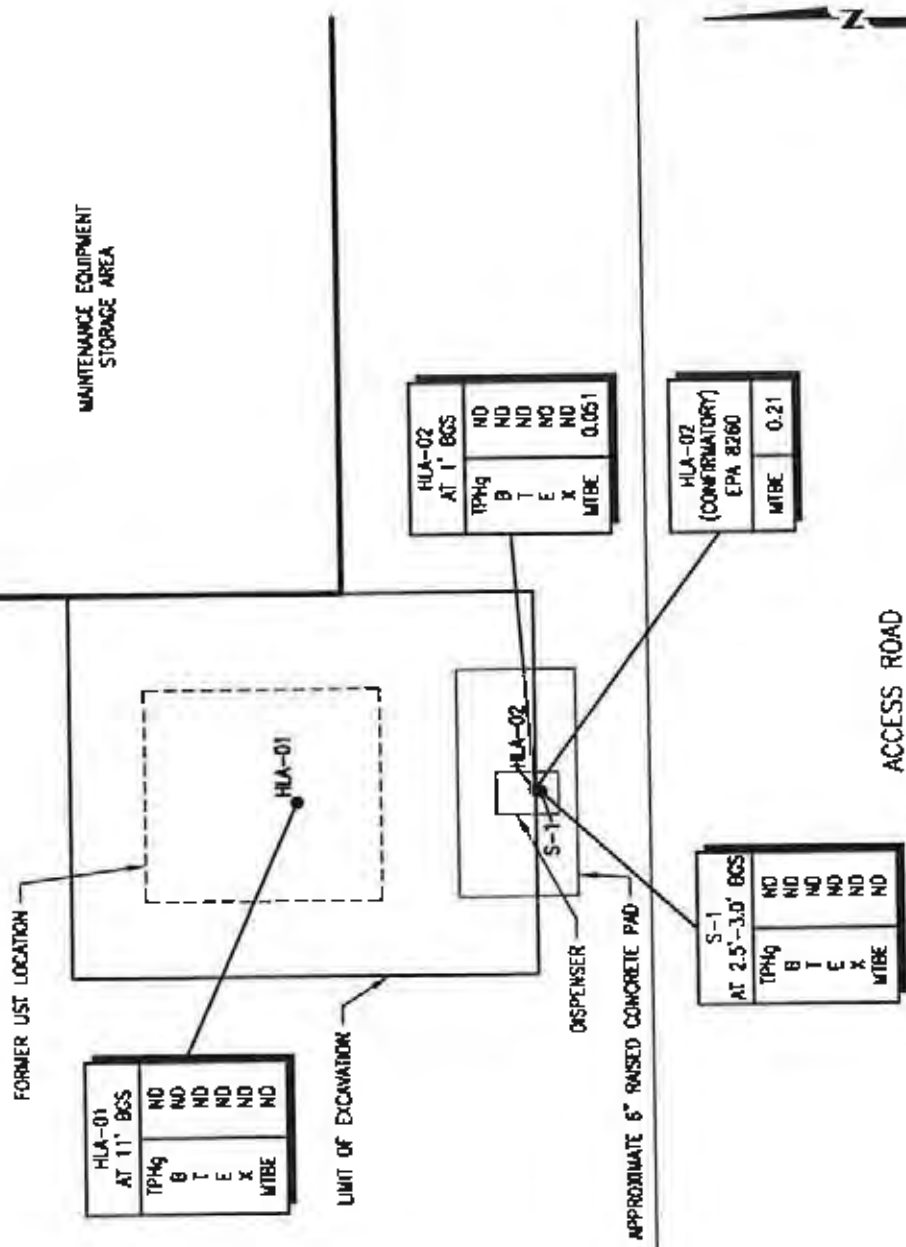
PLATE

**2**

REVISED DATE

**EXPLANATION**

- SOIL SAMPLE LOCATION
- BCS BELOW GROUND SURFACE
- 0.051 CONCENTRATION IN MILLIGRAMS PER KILOGRAM
- ND NOT DETECTED
- TPHg TOTAL PETROLEUM HYDROCARBON AS GASOLINE
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENE
- MTBE METHYL TERTARY BUTYL ETHER



**HLA**

**Harding Lawson Associates**  
Engineering and Environmental Services

**UST AND FUEL DISPENSER AREA MAP**  
Orange Coast College  
Coast Community College District  
Costa Mesa, California

PLATE **3**

DRAWN: JTL  
PROJECT-TASK NUMBER: 41.334-6  
APPROVED: \_\_\_\_\_  
DATE: 10/98  
REVISED DATE: \_\_\_\_\_



**APPENDIX A**

**STANDARD FIELD PROCEDURES**

## **SOIL SAMPLE TRACKING, STORAGE, AND HANDLING**

### **1.0 PURPOSE**

The purpose of this procedure is to describe the process for soil sample handling, inventory, and processing.

### **2.0 SCOPE**

Numerous soil samples will be collected during soil borings and surface soil sampling. Some of these samples may be analyzed for their physical properties, some will be sent to a chemical laboratory for analysis, and some will be retained for possible future analysis. This procedure describes the handling and processing controls imposed on those samples that arrive at HLA offices for storage and/or analysis.

### **3.0 EQUIPMENT AND MATERIALS**

The following equipment and materials will be utilized during soil sample handling, inventory and processing:

- Completed boring log,
- Permanent ink pen (i.e., Sharpie),
- Red pen, and
- Completed chain-of-custody (COC) form.

### **4.0 PROCEDURES**

#### **4.1 Sample Handling**

1. After each sample is collected and screened, the COC form will be filled out for all samples. The sample identification number will be placed in the station described/notes columns. A different COC form will be filled out for each laboratory receiving samples.
2. Fill out sample tags and affix them to tubes or mason jars. Label core boxes as appropriate.

3. Place sample containers pending chemical analysis in cooler, on ice, until transported to the laboratory or HLA office. Samples for chemical analysis will be delivered to the laboratory within 48 hours of collection.
4. The field geologist/engineer responsible for sample collection will fax a photocopy of the COC form to the responsible geologist/engineer.
5. Tube soil samples and core will be location and depth indexed and will be stored for future reference until any soil remediation required is completed.

#### **4.2 Receipt of Non-Analytical Samples and Boring Log Editing**

1. Upon arrival at HLA, the non-analytical samples will be placed on the sample receiving table by the person delivering them, and that person will notify the responsible engineer/geologist of their arrival.
2. Samples will be placed in inventory and logged upon their arrival by the laboratory technician. Inventory may be delayed if it conflicts with boring log editing or if the sample will be immediately tested. If samples are not going to be immediately tested or there is a delay prior to boring log editing, samples will be placed into inventory upon their arrival.
4. The editor of the boring log will mark up/line out the log in red pen with corrections as necessary. Original boring log entries will not be erased. After edit completion, the boring log will be signed by the editor in the spaces provided.
5. Tube soil samples and core will be location and depth indexed and will be stored for future reference until any soil remediation required is completed.

#### **4.3 Laboratory Testing**

1. The responsible geologist/engineer will check the COC form to ensure that the correct tests have been requested.

2. The responsible geologist/engineer then will notify the field engineer/geologist, who in turn will notify the laboratory that samples are ready for pickup, and the laboratory will arrange for sample transportation. The engineer/geologist may alternately transfer the samples to the laboratory directly from the field.
3. The white copy of the COC form will be signed by the laboratory upon sample receipt. HLA will retain two copies of the COC form (pink copy returned with results).

## **SOIL SAMPLING USING HAND AUGER AND DRIVE-SAMPLING EQUIPMENT**

### **1.0 PURPOSE**

The purpose of this procedure is to describe the process for collecting soil samples using hand auger and drive-sampling equipment.

### **2.0 SCOPE**

Hand augering and drive sampling will be performed to collect soil samples for laboratory analysis. The work will be performed by an HLA employee or by an HLA subcontractor under the direct supervision of a qualified geologist or engineer.

### **3.0 EQUIPMENT AND MATERIALS**

- Hand auger, drive sampler, and extension rods
- Slide hammer
- Brass or stainless steel sample tubes, teflon seals, and end caps
- Sample labels
- Ziploc storage bags
- Cooler
- Ice
- Chain-of-custody forms

### **4.0 PROCEDURE**

A hand auger will be used to complete a boring to the desired sampling depth. If refusal is encountered at any location, another attempt may be made to advance the sampler after stepping-over approximately 5 feet. If the hand auger continues to be refused, alternate soil sampling techniques will be used, such as the use of a backhoe and "potholing" in the area of the proposed sample location. At that point, a drive-sampler may be used to collect a sample near the teeth of the bucket.

After the boring is completed to the desired depth into the soil, a soil sample will be collected from the bottom of the boring. An attempt will be made to fill the sample tube completely with soil. The tube will then be removed from the sampler and sealed using teflon seals and end caps. Finally, the sample tube will be labeled, placed in a Ziploc bag, and stored in an ice chest for transport to the analytical laboratory.

All sample tubes, hand auger, and drive sampling equipment will be decontaminated before the collection of each sample.

**APPENDIX B**

**TANK CLOSURE PERMIT**



COUNTY OF  
ORANGE

HUGH F. STALLWORTH, III  
DEPUTY DIRECTOR  
ENVIRONMENTAL HEALTH DIVISION  
ROBERT E. MERRYMAN, R.E.H.S., M.O.H.  
DEPUTY DIRECTOR

HEALTH CARE AGENCY  
PUBLIC HEALTH SERVICES  
ENVIRONMENTAL HEALTH DIVISION  
2009 E. EDINGER AVENUE  
SANTA ANA, CALIFORNIA 92705  
(714) 667-3700

FACILITY MODIFICATION  
APPLICATION  
(INSTALLATION/REMOVAL/REPAIR)  
(COMPLETE PAGES 1 & 2)

DATE: 7/31/98

FACILITY INFORMATION

NAME: ORANGE COAST COLLEGE  
STREET ADDRESS: 2701 FAIRVIEW RD  
CITY: COSTA MESA  
TOTAL NUMBER OF TANKS (AFTER INSTALLATION/REMOVAL)  
AT THIS LOCATION: 1 - SKILL CENTER

TYPE OF CONSTRUCTION

INDICATE NO. OF TANK(S) BEING  
REMOVED/REPAIRED/INSTALLED BELOW: (COMPLETE  
PAGE 2 - INDICATING THE TANKS TO BE  
INSTALLED/REMOVED, OR AFFECTED BY THE REPAIR)

- INSTALLATION(S)
- REPAIR(S)/RELINE(S) TO USTs
- CLOSURE(S)/REMOVAL(S) 1
- SYSTEM MODIFICATION (E.G. REPIPE, REPAIR TO PIPING)
- OTHER (SPECIFY) \_\_\_\_\_

TYPE OF BUSINESS:

- GASOLINE STATION
- FARM
- GOVERNMENT
- OTHER

TANK OWNER NAME (CORP., INDIVIDUAL, PUBLIC AGENCY):

ORANGE COAST COMM COLLEGE DISTRICT  
STREET ADDRESS: 1370 ADAMS AVE  
CITY: COSTA MESA  
STATE: CA ZIP 92626  
TELEPHONE NO: 714-433-4754

24 HOUR EMERGENCY CONTACT PERSON

DAYS: TERRY CRAIG 714) 432-5590  
NAME TELEPHONE  
NIGHTS: ON-DUTY OFFICER 714) 904-4630  
NAME UNIT # TELEPHONE

APPLICANT

NAME: J GARY BLEVINS  
PLEASE PRINT

BILLING ADDRESS INFORMATION

BILL TO NAME: COAST COMMUNITY COLLEGE DIST.  
BILL TO ADDRESS: 1370 ADAMS AVE  
CITY: COSTA MESA  
STATE: CA ZIP 92626  
TELEPHONE NO.: 714) 433-4673

SIGNATURE: [Signature]  
COMPANY NAME: QUEST ENVIRONMENTAL  
TELEPHONE NO: 714-671-7777

FACILITY OPERATOR (CONTACT PERSON)

NAME: CAMILLA FREJD-SMITH  
BUSINESS TELEPHONE NO.: 714-433-4754

NOTES: NEW INSTALLATIONS, CLOSURES, REPAIRS AND SYSTEM MODIFICATIONS OF UNDERGROUND STORAGE TANKS REQUIRE THE  
SUBMITTAL OF (4) SETS OF PLANS TO THIS DIVISION. THESE PLANS MUST BE APPROVED PRIOR TO THE INITIATION OF ANY  
CONSTRUCTION OR MODIFICATION. ALL PLANS OR REPORTS REQUIRED MUST ACCOMPANY THIS FORM AT THE TIME OF  
SUBMITTAL.

PLAN APPROVAL AND FEES ARE VALID FOR ONE YEAR. IF TANKS HAVE NOT BEEN REMOVED, INSTALLED OR MODIFIED WITHIN ONE  
YEAR OF THE APPROVAL DATE, NEW PLANS AND FEES MUST BE SUBMITTED.

OFFICE USE ONLY

PLAN CHECK NO.: 98-299 FEES PAID: \$187.- RCVD. BY: ML 7/31  
PLAN APPROVAL DATE: 8/3/98 BY: NR  
NUMBER OF TANKS TO RECEIVE A SURCHARGE BILL: \_\_\_\_\_ NUMBER OF TANKS TO BE ADDED TO BILLING: \_\_\_\_\_



DAIS AVE

APPROVED

ORANGE COUNTY HEALTH CARE AGENCY  
ENVIRONMENTAL HEALTH DIVISION  
HAZARDOUS MATERIALS MANAGEMENT SECTION  
THIS APPROVAL IS VALID FOR 12 MONTHS FROM  
THE APPROVAL DATE

Plan Reviewed By RL Date 8/3/98 Plan # 98-299

MONITOR WAY

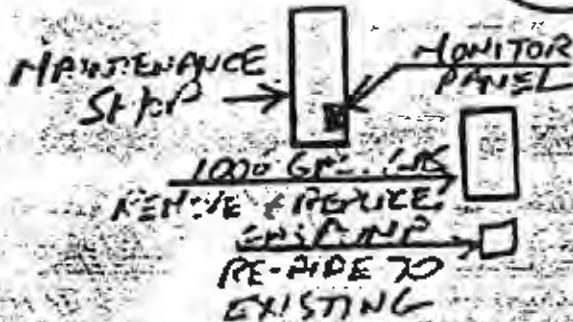
This approval shall not be construed to permit the violation of any law, nor does it prevent further corrections of errors found on the plans. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this approval, all applicable permits required by the local fire department, building department, and the Air Quality Management District must be obtained.

Underground tank installation, removal, and repair inspections are required and must be scheduled 48 hours in advance. Contact (714) 967-5773 for an appointment.

A copy of these approved plans must be available at the site at all times.

All piping associated with underground storage tanks shall be removed and properly disposed of



GYM

FR:FE  
RDL

APPROVED

BY  
COSTA MESA FIRE DEPT.  
BUREAU OF FIRE PREVENTION  
COSTA MESA, CALIF.

DATE 8-3-98

BY W. Nable

This approval is valid for 12 months from the date of approval and is subject to the terms and conditions of the permit.

T-1 H-2 H-11

TANK I.D.		#1	#2	#3	#4	
MATERIAL STORED	MATERIAL OR WASTE STORED	CURRENTLY	1205 GASOLINE	APPROVED		
		PROPOSED				
		PREVIOUSLY				
FUEL TYPE, I.E., UNLEADED		UNLEADED				
C O N T A I N E R	TYPE (TANK, SUMP, OTHERS)		TANK	NR	8/3/98	98-299
	DOUBLE WALL/SINGLE WALL		DOUBLE			
	UL NUMBER					
	YEAR INSTALLED		1990			
	VAULTED/NOT VAULTED		NOT VAULTED			
	PRIMARY	MANUFACTURER		TRUSCO - SUPER TANK		
		CAPACITY (GALLONS)		1000		
		CONSTRUCTION MATERIAL		STEEL		
		THICKNESS (UNITS)		3/16		
		INTERIOR LINING		N/A		
	SECONDARY	MANUFACTURER		TRUSCO - SUPER TANK		
		CAPACITY (GALLONS)		1000		
		CONSTRUCTION MATERIAL		COMPOSITE STEEL		
		THICKNESS (UNITS)				
	CORROSION PROTECTION					
TYPE OF LEAK DETECTION FOR USTs (LIQUID PROBE, ETC.)		LIQUID PROBE CONTINUOUS				
MANUFACTURER OF LEAK DETECTOR		EMCO WHEATON				
P I P I N G	LOCATION (UNDER/ABOVE GROUND)		UNDER			
	SUCTION/PRESSURE GRAVITY/UNKNOWN		SUCTION			
	PRIMARY	CONSTRUCTION MATERIAL	FIBERGLASS			
		MANUFACTURER	A.D. SMITH			
	SECONDARY	CONSTRUCTION MATERIAL	FIBERGLASS			
		MANUFACTURER	A.D. SMITH			
	TYPE OF LEAK DETECTION FOR PIPING (PRESSURE LOSS DEVICE, ETC.)		LGA PROBE CONTINUOUS			
	MANUFACTURER OF LEAK DETECTOR		EMCO WHEATON			
OVERFILL PROTECTION (TYPE)		BALL FLOAT VALVE				
SPILL CONTAINMENT (TYPE)		YES				

ORANGE COUNTY HEALTH CARE AGENCY  
 ENVIRONMENTAL HEALTH DIVISION  
 HEALTH SERVICE ORDER

151910

Date 7/31 Initials me  
 Client Name Orange Coast College  
 Address 2701 Fairview Rd  
C. Mesa Ph# \_\_\_\_\_  
 Paid By Latch-Up Insulation  
 Address 155 Arroyo Circle  
Brea 92801 Ph# \_\_\_\_\_

Please circle the respective service code(s)

- |    |   |                |
|----|---|----------------|
| 01 | CEQ/HSF (Acct/Bat# _____)                   | \$ _____       |
| 02 | CEQ Plan Check/Foods (PC# _____)            | \$ _____       |
| 03 | CEQ Plan Check/Pools (PC# _____)            | \$ _____       |
| 04 | Food Vehicles Cat _____                     | \$ _____       |
|    | Decal No(s) _____                           |                |
| 05 | CEQ/Court Restitution/Judgement             | \$ _____       |
|    | Name _____                                  |                |
|    | Case# _____                                 |                |
| 06 | Hotels/Motels (Acct/Bat# _____)             | \$ _____       |
| 07 | Massage Parlor (Acct/Bat# _____)            | \$ _____       |
| 08 | Ncise                                       | \$ _____       |
| 09 | Liquid Waste Hauler                         | \$ _____       |
| 10 | Farm Labor Camp Registration                | \$ _____       |
| 11 | Land Use                                    | \$ _____       |
| 12 | Hazardous Waste (Acct/Bat# _____)           | \$ _____       |
| 13 | Hazardous Waste Fines                       | \$ _____       |
| 14 | Hazardous Waste Restitution/Judgement       | \$ _____       |
|    | Name _____                                  |                |
|    | Case# _____                                 |                |
| 15 | Hazardous Waste Clean-up                    | \$ _____       |
| 16 | Infectious Waste (Acct/Bat# _____)          | \$ _____       |
| 17 | UST/HSF (Acct/Bat# _____)                   | \$ _____       |
| 18 | UST Plan Check (PC# <u>98-299</u> )         | \$ <u>187.</u> |
| 19 | UST State Surcharge                         | \$ _____       |
| 20 | UST Restitution/Judgement                   | \$ _____       |
|    | Name _____                                  |                |
|    | Case# _____                                 |                |
| 21 | Wells (Const _____ Recon _____ Destr _____) | \$ _____       |
|    | Water _____ Cath _____ Init. Monit. _____)  |                |
|    | Add. Monit. _____ #Wells _____              |                |
|    | Driller _____                               |                |
|    | Consultant _____                            |                |
| 22 | Backflow/Cross Connection                   | \$ _____       |
|    | Client(s) _____                             |                |
| 23 | Small Water Systems                         | \$ _____       |
| 24 | Copies of Records                           | \$ _____       |
| 25 | Tax (Refer to Cost of Copies)               | \$ _____       |
| —  | OTHER _____                                 | \$ _____       |

PAID BY CHECK NO: 036719

F212-9 1539

PAID

**APPENDIX C**  
**AIR MONITORING RESULTS**

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
RULE 1166 SOIL MONITORING RECORDS

SITE INFORMATION

MONITORING INFORMATION

OWNER: Coast Community College District  
ADDRESS: 1370 Adams Avenue  
CITY: Costa Mesa  
ZIP CODE: 92626  
DATE OF EXCAVATION: August 11, 1998

COMPANY: Harding Lawson Associates  
NAME OF PERSON: Stephanie Crute  
MONITOR MFG: Foxboro  
MODEL NO: OVA 120-B  
CALIBRATION GAS: Hexane

TIME	VOC CONCENTRATION (ppmV)		COMMENTS
	EACH LOAD AS REMOVED	STOCKPILE SURFACE	
10:40	2 ppm		No sampling of pea gravel required per Arghavan Rashidi-Fard because sitting clay from bottom of tank
10:50		2 ppm	

SIGNATURE: Stephanie Crute DATE: 8/11/98



# South Coast Air Quality Management District



21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 • <http://www.aqmd.gov>

December 26, 1997

CO. ID 77722

Harding Lawson Associates  
30 Corporate Park, Suite 400  
Irvine, CA 92606

Attention Andrew Keller

## VARIOUS LOCATIONS RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your Application (A/N 334421) received on November 21, 1997, for the excavation and handling of VOC-contaminated soil at various locations within the South Coast Air Quality Management District.

This excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the SCAQMD and is subject to the following conditions.

### PLAN CONDITIONS:

PROPERTY  
OWNER'S  
INITIALS

1. AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION OF UNDERGROUND TANKS OR TRANSFER PIPING WHICH HAVE STORED OR TRANSFERRED VOLATILE ORGANIC COMPOUNDS (VOC), THE EXECUTIVE OFFICER OR DESIGNEE SHALL BE NOTIFIED BY TELEPHONE OF ALL INFORMATION ITEMS LISTED IN RULE 1166(c)(1)(B) AND THE NAME OF THE COMPANY PERFORMING THE EXCAVATION. THE NOTIFICATION SHALL BE MADE BY CALLING (909) 396-3886, DURING NORMAL BUSINESS HOURS. AT THE TIME OF THE NOTIFICATION, A REFERENCE NUMBER SHALL BE OBTAINED FROM THE SCAQMD AND RETAINED AS PROOF OF COMPLIANCE WITH THIS REQUIREMENT.

REFERENCE NO: \_\_\_\_\_ NOTIFICATION DATE: \_\_\_\_\_

2. THIS PLAN IS VALID ONLY FOR THE EXCAVATION AND HANDLING OF A MAXIMUM OF 2000 CUBIC YARDS OF VOC-CONTAMINATED SOIL AT EACH SITE. EXCAVATION OF A GREATER AMOUNT REQUIRES SUBMITTAL OF A SITE SPECIFIC RULE 1166 EXCAVATION PLAN.

3. THE EXCAVATION OPERATOR SHALL HAVE ON SITE AN ORGANIC VAPOR ANALYZER (OVA) USING FLAME IONIZATION OR PHOTO IONIZATION OR OTHER ANALYTICAL METHODS COMPLYING WITH 40 CFR PART 60 APPENDIX A, EPA METHOD 21 SECTION 3, "DETERMINATION OF VOLATILE ORGANIC COMPOUND LEAKS, MONITORING INSTRUMENT SPECIFICATIONS".





4. THE OVA SHALL BE CAPABLE OF BEING CALIBRATED USING HEXANE AT A RANGE OF 0 PART PER MILLION BY VOLUME (PPMV) TO 50 PPMV AND AT A DETECTION RANGE OF AT LEAST 30 PPMV TO 1100 PPMV. THE OVA SHALL BE INITIALLY CALIBRATED USING HEXANE OR OTHER CALIBRATION GAS AS SPECIFIED BY THE MANUFACTURER. THE OVA SHALL BE CALIBRATED AT LEAST ONCE AT THE BEGINNING OF EACH WORKING DAY WITH THE PROCEDURES SPECIFIED BY THE MANUFACTURER. IF A CALIBRATION GAS OTHER THAN HEXANE IS USED, THE OBSERVED READINGS SHALL BE CONVERTED TO AND EXPRESSED AS HEXANE BASED ON CONVERSION FACTORS PROVIDED BY THE MANUFACTURER.
5. DURING EXCAVATION, MONITORING SHALL BE CONDUCTED TO MEASURE VOCS AT A DISTANCE NO MORE THAN 3 INCHES ABOVE THE FRESHLY DUG SOIL BY USING AN ORGANIC VAPOR ANALYZER (OVA) DESCRIBED UNDER CONDITION 4. THIS MEASUREMENT SHALL BE MADE FOR EVERY LOAD OF SOIL AND SHALL BE TAKEN NO LONGER THAN THREE (3) MINUTES AFTER EACH LOAD OF SOIL IS EXCAVATED.
6. ALL MONITORING SPECIFIED IN CONDITION NO. 5 SHALL BE CONDUCTED BY TRAINED PERSONNEL WHO ARE PROFICIENT IN THE USE OF THE HYDROCARBON MONITOR SELECTED FOR USE AT THIS SITE.
7. WRITTEN RECORDS OF OVA MONITORING AND CALIBRATIONS REQUIRED ABOVE SHALL BE KEPT IN A FORMAT APPROVED BY THE SCAQMD. THE APPROVED FORMAT IS INCLUDED WITH THIS PLAN. THE CERTIFICATION ON ALL RECORDS SHALL BE SIGNED AND DATED ON THE DAY THE MEASUREMENTS ARE OBSERVED.
8. THE EXCAVATION SHALL BE CONDUCTED IN 50 FT. X 50 FT. OR SMALLER SECTIONS TO MINIMIZE EXPOSURE OF SOIL POTENTIALLY CONTAMINATED WITH VOC TO THE ATMOSPHERE.
9. VOC CONTAMINATED SOIL IS A SOIL WHICH REGISTERS A CONCENTRATION OF 50 PPM OR GREATER OF VOLATILE ORGANIC COMPOUNDS, WHEN MEASURED AT A DISTANCE OF NO MORE THAN THREE INCHES FROM THE SURFACE OF THE EXCAVATED SOIL WITH AN ORGANIC VAPOR ANALYZER OR EQUIVALENT (CALIBRATED TO HEXANE). IF OTHER CALIBRATING GASES WERE USED, THEN THE MEASURED READINGS SHALL BE CORRELATED TO AND EXPRESSED AS HEXANE.
10. UPON DETECTION OF VOC CONTAMINATED SOIL (READINGS 50 PPM OR GREATER), THE EXECUTIVE OFFICER OR DESIGNEE SHALL BE NOTIFIED WITHIN 24 HOURS OF THE FIRST DETECTION OF VOC CONTAMINATION. THE NOTIFICATION SHALL BE MADE BY CALLING (909) 396-3886. AT THE TIME OF THE NOTIFICATION A REFERENCE NUMBER SHALL BE OBTAINED FROM THE SCAQMD AND RETAINED AS PROOF OF COMPLIANCE WITH THIS REQUIREMENT.
- REFERENCE NO. \_\_\_\_\_ NOTIFICATION DATE: \_\_\_\_\_
11. ALL VOC-CONTAMINATED SOIL SHALL BE STOCKPILED SEPARATELY FROM NON-VOC-CONTAMINATED SOIL AND KEPT MOIST WITH WATER OR WITH A FUME SUPPRESSANT TO PREVENT EMISSIONS OF VOC OR PARTICULATES.

12. A STOCKPILE SHALL NOT CONTAIN MORE THAN 400 CUBIC YARDS OF SOIL.
13. IF THE OVA MEASUREMENT IS BETWEEN 50 PPMV AND 1000 PPMV, THE WORKAREA AND LOAD OF SOIL SHALL BE SPRAYED WITH WATER AND/OR APPROVED VAPOR SUPPRESSANT.
14. IF THE OVA MEASUREMENT EQUALS OR IS GREATER THAN 1000 PPMV,
- A) THE WORKING AREA SHALL BE SPRAYED WITH WATER OR AN APPROVED VAPOR SUPPRESSANT, AND
- B) THE SOIL DUG UNDER THE ABOVE CONDITIONS SHALL BE STORED IN SCAQMD APPROVED CONTAINERS, AND
- C) IN LIEU OF CONTAINERS, OTHER MITIGATION MEASURES MAY BE SUBSTITUTED WITH PRIOR WRITTEN APPROVAL FROM THE SCAQMD.
15. ANY STOCKPILES OF VOC-CONTAMINATED SOIL EXPOSED FOR HANDLING SHALL BE COVERED DURING PERIODS OF INACTIVITY LONGER THAN ONE (1) HOUR. DURING THE PERIOD THE STOCKPILE IS UNCOVERED, THE EXPOSED SOIL SHALL BE KEPT MOIST WITH WATER. AT THE END OF EACH WORKING DAY, ALL STOCKPILES SHALL BE COVERED WITH A HEAVY DUTY CONTINUOUS CLEAR PLASTIC SHEETING (>=8MIL THICK), JOINED AT THE SEAMS, AND SECURELY ANCHORED TO PREVENT ANY EXPOSURE OF SOIL TO THE ATMOSPHERE.
16. VOC-CONTAMINATED SOIL SHALL NOT BE SPREAD ON-SITE OR OFF-SITE. THIS INCLUDES ANY UNNECESSARY MOVEMENT OR AGITATION OF SOIL THAT MAY CAUSE THE UNCONTROLLED EVAPORATION OF VOCS INTO THE ATMOSPHERE.
17. THE OWNER OR OPERATOR SHALL SUBMIT A WRITTEN RECORD WHICH INCLUDES:
- A) METHOD TO TREAT THE VOC-CONTAMINATED SOIL, SCHEDULES TO HAUL THE SOIL AWAY, BACKFILL THE SOIL, OR OTHER MEANS OF DISPOSAL/TREATMENT.
- B) THE RECORD SHALL ALSO INDICATE THAT THE NECESSARY PERMITS HAVE BEEN OBTAINED OR ARE IN THE PROCESS OF BEING OBTAINED.
18. ALL VOC-CONTAMINATED SOIL SHALL BE BACKFILLED, REMOVED FROM THE SITE, OR TREATED USING ONSITE PROCESSES APPROVED BY THE SCAQMD WITHIN 40 DAYS OF IT'S EXCAVATION. WHERE ONSITE TREATMENT IS USED, SUCH PROCESSES SHALL BE IN PLACE ON THE SITE AND OPERATING PRIOR TO THE DATE SPECIFIED IN THIS CONDITION
19. ALL VOC-CONTAMINATED SOIL REMOVED FROM THE SITE SHALL BE TRANSPORTED TO AN APPROVED TREATMENT/DISPOSAL FACILITY. IF THE RECEIVING FACILITY IS LOCATED WITHIN THE SCAQMD'S JURISDICTION, IT SHALL BE THE RESPONSIBILITY OF THE APPLICANT TO ENSURE THAT THE RECEIVING FACILITY HAS OBTAINED THE REQUIRED SCAQMD PERMITS AND/OR PLANS.



20. RECORDS OF TREATMENT/DISPOSAL SHALL BE MAINTAINED FOR ALL VOC-CONTAMINATED SOIL REMOVED FROM THIS SITE. SUCH RECORDS SHALL BE CLEARLY LABELED "SCAQMD RULE 1166 - VOC CONTAMINATED SOIL" AND INCLUDE IDENTIFICATION AND LOCATION OF: THE GENERATOR, THE TRANSPORTER AND THE RECEIVING FACILITY. IN ADDITION, SUCH RECORDS SHALL BE SIGNED AND DATED BY EACH OF THE ABOVE PARTIES INDICATING RECEIPT OR RELINQUISHMENT OF THE VOC-CONTAMINATED SOIL AT THE TIME CUSTODY IS TRANSFERRED.

21. RECORDS OF DISPOSAL OR TREATMENT OF VOC-CONTAMINATED SOIL SHALL BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS AND MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.

22. WITHIN THIRTY (30) DAYS OF THE INITIAL EXCAVATION OF THE VOC CONTAMINATED SOIL AT EACH SITE, THE WRITTEN RECORDS UNDER CONDITIONS NO. 7 AND 17 SHALL BE SUBMITTED TO THE SCAQMD AT THE FOLLOWING ADDRESS.

SCAQMD  
STATIONARY SOURCE COMPLIANCE DIV.  
RULE 1166 COMPLIANCE SECTION  
21865 E. COPLEY DR.  
DIAMOND BAR, CA. 91765-4182

23. THIS PLAN IS NOT VALID FOR EXCAVATING VOC-CONTAMINATED SOILS AT LANDFILLS OR SITES USED FOR DISPOSAL OF REFUSE OR OTHER TYPES OF WASTE.

24. THIS PLAN DOES NOT ALLOW THE TREATMENT OF VOC-CONTAMINATED SOIL BY CHEMICAL, BIOLOGICAL OR MECHANICAL PROCESSES. ANY OF THE ABOVE TREATMENT PROCESSES REQUIRES A SEPARATE PERMIT TO OPERATE FROM THE SCAQMD.

25. A COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE DURING ALL SOIL HANDLING AND STORAGE PROCESSES.

26. THIS EXCAVATION PLAN IS VALID FOR TWO YEARS FROM ISSUANCE.

27. THIS PLAN IS NOT VALID UNTIL THE VERIFICATION BELOW IS SIGNED.

I \_\_\_\_\_, AM THE OWNER OR DESIGNATED REPRESENTATIVE FOR THE OWNER OF THE PROPERTY LOCATED AT \_\_\_\_\_ (SITE OF THE EXCAVATION). I VERIFY THAT I HAVE READ, UNDERSTOOD, AND HAVE INITIALED EACH CONDITION OF THIS PLAN. IN DOING SO, I ACKNOWLEDGE THAT THE OWNER ALSO ASSUMES RESPONSIBILITY FOR THE REQUIREMENTS SET FORTH IN THIS PLAN.

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
TITLE

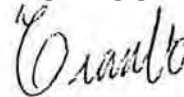
\_\_\_\_\_  
DATE

( ) \_\_\_\_\_  
PHONE

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved 1166 Contaminated Soil Mitigation Plan.

If you have any questions concerning this plan, please call Stephen O. Ngwu at (909) 396 2355.

Very truly yours,



Tran D. Vo, P.E.  
Senior Air Quality Engineer

VARIOUS



## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1166 SOIL MONITORING RECORDS

PLAN HOLDER	SITE INFORMATION/SOIL ORIGIN
-------------	------------------------------

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 SCAQMD Reference No.: \_\_\_\_\_

Facility Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 Contact: \_\_\_\_\_

MONITORING INFORMATION
------------------------

Mfg. Model No: \_\_\_\_\_ Conversion to Hexane: \_\_\_\_\_  
 Calibration Gas: \_\_\_\_\_ Monitoring Conducted By: \_\_\_\_\_  
 Calibration Date: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
 Calibrated By: \_\_\_\_\_ Total Soil Excavated: \_\_\_\_\_ (Cub. Yds./Tons)

TIME	VOC CONC. (PPMV) @ STOCKPILE/LOAD		COMMENTS	TIME	VOC CONC. (PPMV) @ STOCKPILE/LOAD		COMMENTS
	READING	AS HEXANE			READING	AS HEXANE	

I certify that I possess the appropriate knowledge and training necessary to operate the above listed hydrocarbon monitor in the manner specified by the conditions of this plan. I further certify that the above readings are my measurements and are accurate representations of VOC contamination encountered during soil excavation.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_



# South Coast AIR QUALITY MANAGEMENT DISTRICT

21865 E. Copley Drive, Diamond Bar, CA 91765-4182 (909) 398-2000

May 6, 1993

QUEST ENVIRONMENTAL A DIVISION OF:  
Latch-on Insulation Inc  
155 Arovista Circle  
Brea, CA 92621

Attention: Tom Marshall

(714) 671-7777  
APPLICATION NO. 280792  
COMPANY ID 52749

## RULE 1166 CONTAMINATED SOIL MITIGATION PLAN

Reference is made to your Application (A/N 280792) received on April 29, 1993, for the excavation and handling of VOC-contaminated soil at various locations within the South Coast Air Quality Management District.

Your excavation and mitigation plan has been approved under the provisions of Rule 1166 of the Rules and Regulations of the SCAQMD and is subject to the following conditions.

### PLAN CONDITIONS:

PROPERTY  
OWNER'S  
INITIALS

1. AT LEAST 24 HOURS PRIOR TO COMMENCING EXCAVATION OF UNDERGROUND TANKS WHICH HAVE STORED VOLATILE ORGANIC COMPOUNDS (VOC), THE EXECUTIVE OFFICER SHALL BE NOTIFIED OF ALL INFORMATION ITEMS LISTED IN RULE 1166(c)(1)(A) AND THE NAME OF THE COMPANY PERFORMING THE EXCAVATION. [\_\_\_\_\_]

IF VOC-CONTAMINATED SOIL IS DETECTED, THE EXECUTIVE OFFICER SHALL BE NOTIFIED AGAIN WITHIN 24 HOURS. BOTH NOTIFICATIONS SHALL BE MADE BY CALLING (909) 396-3886, MONDAY THROUGH FRIDAY, BETWEEN 8 A.M. AND 5 P.M.

2. THIS PLAN IS VALID ONLY FOR THE EXCAVATION AND HANDLING OF A MAXIMUM OF 2000 CUBIC YARDS OF VOC-CONTAMINATED SOIL AT EACH SITE. EXCAVATION OF A GREATER AMOUNT REQUIRES SUBMITTAL OF A SITE SPECIFIC RULE 1166 EXCAVATION PLAN. [\_\_\_\_\_]

3. ALL VOC-CONTAMINATED SOIL SHALL BE DISPOSED, BACKFILLED, OR REMOVED FROM THE SITE WITHIN 40 DAYS AFTER IT HAS BEEN EXCAVATED FROM THE AFFECTED AREAS. [ ]  
  
RECORDS OF DISPOSAL OR TREATMENT OF VOC-CONTAMINATED SOIL SHALL BE MAINTAINED FOR A PERIOD OF TWO (2) YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
4. THE OWNER OR OPERATOR SHALL PREPARE A WRITTEN PLAN WHICH INCLUDES METHODS TO TREAT THE VOC-CONTAMINATED SOIL, SCHEDULES TO HAUL THE SOIL AWAY, BACKFILL THE SOIL, OR OTHER MEANS OF DISPOSAL. THE PLAN SHALL ALSO INDICATE THAT THE NECESSARY PERMITS HAVE BEEN OBTAINED OR ARE IN THE PROCESS OF BEING OBTAINED. SUCH A PLAN SHALL BE PREPARED NO LATER THAN 5 DAYS AFTER THE COMPLETION OF THE EXCAVATION, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [ ]
5. THE EXCAVATION SHALL BE CONDUCTED IN 50 FT. X 50 FT. OR SMALLER SECTIONS TO MINIMIZE EXPOSURE OF SOIL POTENTIALLY CONTAMINATED WITH VOC TO THE ATMOSPHERE. [ ]
6. THE EXCAVATION OPERATOR SHALL HAVE ON SITE AN ORGANIC VAPOR ANALYZER (OVA) USING FLAME IONIZATION OR PHOTO IONIZATION OR OTHER ANALYTICAL METHODS COMPLYING WITH 40 CFR PART 60 APPENDIX A, EPA METHOD 21 SECTION 3.1.1.a.. "DETERMINATION OF VOLATILE ORGANIC COMPOUND LEAKS, MONITORING INSTRUMENT SPECIFICATIONS". [ ]
7. THE OVA SHALL BE CAPABLE OF BEING CALIBRATED USING HEXANE AT A RANGE OF 0 PARTS PER MILLION BY VOLUME (PPMV) TO 50 PPMV AND AT A DETECTION RANGE OF AT LEAST 30 PPMV TO 1100 PPMV. THE OVA SHALL BE INITIALLY CALIBRATED USING HEXANE BY THE MANUFACTURER AND CALIBRATED AT LEAST ONCE AT THE BEGINNING OF EACH WORKING DAY WITH THE PROCEDURES SPECIFIED BY THE MANUFACTURER. [ ]
8. DURING EXCAVATION, MONITORING SHALL BE CONDUCTED TO MEASURE VOC'S AT A DISTANCE NO MORE THAN 3 INCHES ABOVE THE FRESHLY DUG SOIL BY USING AN ORGANIC VAPOR ANALYZER (OVA) DESCRIBED UNDER CONDITION 7. THIS MEASUREMENT SHALL BE MADE FOR EVERY LOAD OF SOIL AND SHALL BE TAKEN NO LONGER THAN THREE (3) MINUTES AFTER EACH LOAD OF SOIL IS EXCAVATED. [ ]
9. WRITTEN RECORDS OF OVA MONITORING AND CALIBRATIONS REQUIRED ABOVE SHALL BE KEPT IN A FORMAT APPROVED BY THE DISTRICT. A TYPICAL FORMAT IS ATTACHED WITH THIS PLAN. [ ]
10. VOC-CONTAMINATED SOIL IS A SOIL WHICH REGISTERS 50 PPMV OR MORE WHEN MEASURED WITH AN ORGANIC VAPOR ANALYZER (CALIBRATED USING HEXANE) AT A DISTANCE OF NO MORE THAN THREE INCHES ABOVE EXCAVATED AND EXPOSED SOIL. [ ]

11. IF THE OVA MEASUREMENT IS BETWEEN 50 PPMV AND 1000 [ ]  
PPMV.
- A) THE WORKING AREA SHALL BE IMMEDIATELY SPRAYED WITH WATER, OR COVERED WITH CLEAN SOIL OR TREATED WITH A DISTRICT APPROVED SUPPRESSANT, AND
  - B) EACH VOC-CONTAMINATED LOAD OF SOIL SHALL BE SPRAYED WITH WATER OR TREATED WITH A DISTRICT APPROVED VAPOR SUPPRESSANT AND BE STOCKPILED SEPARATELY.
12. IF THE OVA MEASUREMENT EQUALS OR IS GREATER THAN 1000 [ ]  
PPMV.
- A) THE WORKING AREA SHALL BE SPRAYED WITH WATER OR DISTRICT APPROVED VAPOR SUPPRESSANTS OR COVERED WITH AT LEAST 4 INCHES OF CLEAN SOIL, AND
  - B) THE SOIL DUG UNDER THE ABOVE CONDITIONS SHALL BE STORED IN DISTRICT APPROVED CONTAINERS, AND
  - C) IN LIEU OF CONTAINERS, OTHER MITIGATION MEASURES MAY BE SUBSTITUTED WITH PRIOR WRITTEN APPROVAL OF THE EXECUTIVE OFFICER. IF THE OWNER OR OPERATOR CAN DEMONSTRATE THAT AN ALTERNATIVE MEASURE IS EQUALLY OR MORE EFFECTIVE IN REDUCING VOC EMISSIONS. PRIOR TO THE EXECUTIVE OFFICER'S APPROVAL, THE OWNER OR OPERATOR SHALL SUBMIT A COMPREHENSIVE WRITTEN STUDY WHICH COMPARES QUANTITATIVELY THE ESTIMATED VOC EMISSIONS DIFFERENCE BETWEEN THE ALTERNATIVE MITIGATION MEASURES.
13. ALL VOC-CONTAMINATED SOIL SHALL BE STOCKPILED [ ]  
SEPARATELY FROM NON VOC-CONTAMINATED SOIL AND KEPT MOIST, COVERED OR SPRAYED WITH WATER OR WITH A FUME SUPPRESSANT TO PREVENT EMISSIONS OF PARTICULATES OR VOC.
14. AT THE END OF EACH WORKING DAY, ALL STOCKPILES SHALL [ ]  
BE COVERED WITH A HEAVY DUTY CONTINUOUS PLASTIC SHEET(S), JOINED AT THE SEAMS, AND SECURELY ANCHORED TO PREVENT ANY EXPOSURE OF SOIL TO THE ATMOSPHERE.
15. A STOCKPILE SHALL NOT CONTAIN MORE THAN 450 CUBIC [ ]  
YARDS OF SOIL.
16. WITHIN 5 DAYS AFTER THE EXCAVATION IS COMPLETED AT [ ]  
EACH SITE, THE WRITTEN RECORDS UNDER CONDITIONS 4 AND 9 SHALL BE SUBMITTED TO THE DISTRICT AT THE FOLLOWING ADDRESS.

SCAQMD  
STATIONARY SOURCE & COMPLIANCE DIV.  
SERVICE STATION TEAM  
21865 E. COPLEY DR.  
DIAMOND BAR, CA. 91765-4182

Latch-on Insulation Inc - 4 -  
280792

May 6, 1993

7. VOC-CONTAMINATED SOIL SHALL NOT BE SPREAD ON-SITE OR OFF-SITE TO CAUSE THE EVAPORATION OF UNCONTROLLED VOC TO THE ATMOSPHERE. [\_\_\_\_\_]
18. THIS PLAN IS NOT VALID FOR EXCAVATING VOC-CONTAMINATED SOILS AT LANDFILLS OR SITES USED FOR DISPOSAL OF REFUSE OR OTHER TYPES OF WASTE. [\_\_\_\_\_]
19. THIS PLAN DOES NOT ALLOW ANY TREATMENT OF VOC-CONTAMINATED SOIL. [\_\_\_\_\_]
20. A COPY OF THIS PLAN SHALL BE PRESENT AT EACH EXCAVATION SITE DURING ALL SOIL HANDLING AND STORAGE PROCESSES. [\_\_\_\_\_]
21. THIS PLAN IS NOT VALID UNTIL THE VERIFICATION BELOW IS SIGNED. [\_\_\_\_\_]

I \_\_\_\_\_, AM THE OWNER OF THE PROPERTY LOCATED AT \_\_\_\_\_ (SITE OF THE EXCAVATION). I VERIFY THAT I HAVE READ, UNDERSTOOD, AND INITIALED EACH CONDITION OF THIS PLAN.

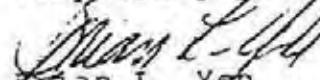
SIGNED

DATE

Other governmental agencies may require approval before any excavation begins. It shall be the responsibility of the applicant to obtain that approval. The South Coast Air Quality Management District shall not be responsible or liable for any losses because of measures required or taken pursuant to the requirements of this approved 1166 Contaminated Soil Mitigation Plan.

If you have any questions concerning this plan, please call Mr. Arthur Lawler at (909) 396-2533.

Very truly yours,

  
Brian L. Yen  
A.Q.A.C. Supervisor

AL R1166DSK





**APPENDIX D**

**RINSATE MANIFESTS AND CERTIFICATE OF TANK DESTRUCTION**

**UNIFORM HAZARDOUS WASTE MANIFEST**

1 Generator's US EPA ID No. *17123119181236* Manifest Document No. *00001* 2 Page 1 of 2  
 Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address  
*COAST COMMUNITY College District LLC  
 1370 DELANOS AVENUE AS, CA 92626*

A. State Manifest Document Number  
*97439850*

4 Generator's Phone  
*714 438-4728*

B. State Generator ID

5 Transporter 1 Company Name  
*Rieto and Sons Trucking, Inc.*

C. State Transporter ID  
*714 990-6855*

6 Designated Facility Name and Site Address  
*Dehenno Kerdoon  
 2000 N. Alameda Street  
 Compton, CA 90222*

D. Transporter's Phone

E. State Transporter ID  
*CAT080013352*

7 Transporter 2 Company Name

8 US EPA ID Number

11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)  
*NON RCRA HAZARDOUS WASTE LIQUID*

12 Containers No. Type  
*0 0 1 T T*

13. Total Quantity  
*14250*

14. Unit Wt/Vol  
*G*

15 Special Handling Instructions and Additional Information  
*NO SMOKING*

16. WASTE NUMBER  
*221*  
 EPA/Other  
 State  
 EPA/Other

J. Additional Descriptors for Materials listed Above  
*Lab 500 2201-1000000 Rd  
 Lab 500 2201-1000000*

K. Handling Codes for Wastes listed Above  
*0 1*

15 Special Handling Instructions and Additional Information  
**NO SMOKING** Alternate Disposal Site : *Crosby & Overton*  
 24 Hour Emergency Phone Number : *714-990-6855* 1630 W. 17th Street (310) 432-5445  
 Wear Appropriate Protective Clothing Long Beach, CA 90813 CAD028409019

16. GENERATOR'S CERTIFICATION. I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name  
*CAMILIA FREID-SMITH*

Signature  
*[Signature]*

Month Day Year  
*018/11/1918*

17 Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name  
*MARKET GACE*

Signature  
*[Signature]*

Month Day Year  
*018/11/1918*

18 Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19  
 Printed/Typed Name  
*SERIAL P SWAN*

Signature  
*[Signature]*

Month Day Year  
*10/11/1718*

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 GENERATOR FACILITY

# NIETO & SONS TRUCKING, INC.

License # 673912

1281 Brea Canyon Road • Brea, CA 92821  
 Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760  
 (714) 990-6855 • Fax (714) 990-4862

DAILY TICKET

DT 91688

JOB DATE 8/11/98

Su M **Tu** W Th F Sa

CUSTOMER <b>QUEST</b>	ORDER DATE <b>8-2-98</b>	ORDER TIME	P.O. NUMBER
ORDERED BY <b>GARY</b>	TELEPHONE	JOB SITE - NAME - ADDRESS WITH CROSS STREET'S <b>ORANGE COAST COLLEGE</b>	
ADDRESS	<b>1371 ADAMS</b>		
	<b>COSTA MESA</b>		
<b>See map provided at Quest</b>			

DRIVER <b>Gil Barria</b>	TRUCK NO. <b>270</b>	TRAILER	HELPER #1 <b>Fidel Arcoak</b>	HELPER #2	TRUCK NO. <b>187</b>	START TIME <b>5AM</b>
-----------------------------	-------------------------	---------	----------------------------------	-----------	-------------------------	--------------------------

ON SITE AT: **9AM** **PREVAILING WAGIE**

TANKS:	Contents	Contents	Contents
#1	<b>1 K GAS</b> FG Steel 8' or 9'6"	#2 <b>K</b> FG Steel 8' or 9'6"	#3 <b>K</b> FG Steel 8' or 9'6"
#4 <b>K</b> FG Steel 8' or 9'6"	#5 <b>K</b> FG Steel 8' or 9'6"	#6 <b>K</b> FG Steel 8' or 9'6"	#7 <b>K</b> FG Steel 8' or 9'6"

Any excess fluid in tank(s): YES  NO  If yes, what and how much? \_\_\_\_\_

Windows required: YES  NO  If yes, A/C & rivet bust by NIETO CLIENT Water on site YES  NO

Chemist required: YES  NO  If yes, chemist by NIETO CLIENT On site at \_\_\_\_\_ Date on site \_\_\_\_\_ YES NO VM

Double Degas: Day #1 YES  NO  On site time \_\_\_\_\_ Date \_\_\_\_\_ AQMD# \_\_\_\_\_ Day #2 \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Single degassing required: YES  NO  On site time: **9:00 AM** Date: \_\_\_\_\_ AQMD # \_\_\_\_\_

Tank(s) lifted by: **CLIENT'S backhoe** NIETO 12-1/2 ton stinger crane NIETO 14 ton stinger crane Hydro crane

Hydro crane by: NIETO CLIENT Hydro crane company: \_\_\_\_\_ Crane scheduled: YES NO

Tank pull time: **10:00 AM** Crane arrival time: \_\_\_\_\_ Tank pull date: \_\_\_\_\_

Tanks hauled by: **NIETO** CLIENT To: **ADAMS** Trk # \_\_\_\_\_ of \_\_\_\_\_ On site time \_\_\_\_\_ **FLAYBED DROP DECK & PERMIT SIGNS**

Dry ice required: YES  NO  Provided by: **NIETO** CLIENT - If Nieto by: **WASH CREW TRACTOR TRAILER**

Type of dry ice: Sliced **15** lbs. Pellets \_\_\_\_\_ lbs. Block \_\_\_\_\_ lbs. Amount \_\_\_\_\_ at \_\_\_\_\_ lbs/1k

Special CEL02 meter req'd: YES  NO  Air compressor venturi req'd. YES NO Needed next day for tank pull YES NO

ON SITE REPORT							TOTAL HOURS
YARD DEPART	JOB ARRIVE	START WORK	STOP WORK	JOB DEPART	YARD ARRIVE	DELAYS ON SITE	
<b>7 AM</b>	<b>8:45</b>	<b>8:45</b>	<b>9 AM</b>				

Manifest No. **97439850** Gallons: **50** Excess fluid on site: YES NO How much? \_\_\_\_\_

Total Solids:  Less than 1/2 drum  1/2 Drum  1 Drum \_\_\_\_\_ Drums

NOTES:

DRIVER SIGNATURE <b>Millard</b>	TRUCK NO. <b>209</b>	CUSTOMER SIGNATURE <b>X [Signature]</b>	DATE <b>8/11/98</b>
------------------------------------	-------------------------	--	------------------------

quest

CERTIFICATE OF  
DESTRUCTION

COMPANY NAME Orange Coast College

ADDRESS 2701 Furview  
Costa Mesa

ADAMS STEEL CERTIFIES THAT 1) 1K tank

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY  
DESTROYED ON: 8/12/98

SIGNATURE Cheryl Hartman

TITLE Weightmaster

DATE 8/12/98

Adams Steel  
3200 E. Frontera Street  
Anaheim, California 92806  
(714) 630-6523  
FAX (714) 630-5836

**APPENDIX E**  
**LABORATORY CERTIFICATES OF ANALYSES**



2817 Aton Ave., Irvine, CA 92618  
 1704 E. Coast Dr., Suite A, Costa Mesa, CA 92626  
 16325 Sycamore Way, Suite C, El Cerrito, CA 94505  
 7465 W. 120th St., Suite 1, Tempe, AZ 85281  
 TEL: 949 266-1400 FAX: 949 266-1421  
 TEL: 949 446-7400 FAX: 949 446-7401  
 TEL: 925 266-1400 FAX: 925 266-1401  
 TEL: 925 927-7400 FAX: 925 927-7401

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Marielle Coquia

Client Project ID: 41334.4  
 Coast Community College  
 Analysis Method: EPA 5030/CA DHS Mod. 8015/8020  
 First Sample #: HH00969

Sampled: Aug 11, 1998  
 Received: Aug 11, 1998  
 Extracted: Aug 12, 1998  
 Analyzed: Aug 12, 1998  
 Reported: Aug 12, 1998

**VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8020)**

Laboratory Number QC Batch	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
HH00969	HLA-01	N.D.	N.D.	N.D.	N.D.	N.D.
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
HH00970	HLA-02	N.D.	N.D.	N.D.	N.D.	N.D.
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors

DEL MAR ANALYTICAL (ELAP #1169)

  
 Rick DiMaio  
 Project Manager

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 10525 Sherman Way, Suite C, Torrance, CA 90504 TEL: 310/270-1844 FAX: 310/270-1847  
 2405 W. 125th St. Suite E, Torrance, CA 90505 TEL: 310/219-0808 FAX: 310/219-0809

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Marielle Coquia

Client Project ID: 41334.4  
 Coast Community College  
 Analysis Method: EPA 5030/8020 Modified  
 First Sample #: HH00969

Sampled: Aug 11, 1998  
 Received: Aug 11, 1998  
 Extracted: Aug 12, 1998  
 Analyzed: Aug 12, 1998  
 Reported: Aug 12, 1998

**MTBE (EPA 8020 Mod.)**

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
HH00969	HLA-01	N.D.	0.035	1.0
HH00970	HLA-02	0.051	0.035	1.0

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1169)**

  
 Rick DiMaio  
 Project Manager

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 2405 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-5411

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Marielle Coquia

**Method Blank**

Extracted: Aug 12, 1998  
 Analyzed: Aug 12, 1998  
 Reported: Aug 12, 1998

## VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8020)

QC Batch	Sample Description	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
	Method Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Dilution: 1	Reporting Limit	1.0	0.0050	0.0050	0.0050	0.015

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors.

**DEL MAR ANALYTICAL (ELAP #1169)**

  
 Rick DiMaio  
 Project Manager



# Del Mar Analytical

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 16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-4466 FAX (818) 779-1167  
 2465 W. 12th St., Suite 1, Torrance, CA 90501 (602) 998-8772 FAX (602) 998-5949

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Marielle Coquia

**Method Blank**

Extracted: Aug 12, 1998  
 Analyzed: Aug 12, 1998  
 Reported: Aug 12, 1998

## MTBE (EPA 8020 Mod.)

QC Batch	Sample Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
----------	--------------------	---------------------------------	-----------------------------------	-----------------

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

**DEL MAR ANALYTICAL (ELAP #1169)**

  
 Rick DiMaio  
 Project Manager

## MS/MSD DATA REPORT

**EPA METHOD:** 8015/8020  
**Matrix:** Soil

**Date:** 8/12/98  
**Sample #:** C8080457  
**Batch #:** HH12G11S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limit	
	ppm	ppm	ppm	ppm	%	%	%	%	RPD	MPR
TPH *	0.36	1.0	1.0	1.1	66%	71%	5.1%	68%	30	85-130
Benzene	0.00028	0.10	0.099	0.096	99%	95%	3.5%	97%	25	85-130
Toluene	0.00048	0.10	0.11	0.10	107%	101%	5.9%	104%	25	85-130
Ethylbenzene	0.00016	0.10	0.10	0.10	102%	95%	6.3%	99%	25	85-130
Xylenes	0.0053	0.30	0.31	0.29	100%	94%	6.6%	97%	25	85-130

\* See LCS for batch validation.

### Definition of Terms

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1) / SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1) / SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Mean PR..... Mean Percent Recovery



## LCS DATA REPORT

**EPA METHOD:** 8015/8020  
**Matrix:** Soil

**Date:** 8/12/98

**Batch #:** HH12G11S

Analyte                      Spike Conc.                      Result                      % Recovery                      ACP

TPH	1.0	1.1	112%	80-120%
Benzene	0.10	0.10	103%	80-120%
Toluene	0.10	0.11	112%	80-120%
Ethylbenzene	0.10	0.11	105%	80-120%
Xylenes	0.30	0.31	105%	80-120%

### Definition of Terms

- LCS** ..... Laboratory Control Sample
- Spike Conc.** ..... Spike concentration added to blank
- Result** ..... Result of Laboratory Control Sample Analysis
- % Recovery** ..... Percent Recovery of LCS; ((Result-Spike Conc.)/Spike Conc.)X 100
- ACP** ..... Acceptance Limits for Percent Recovery
- TPH** ..... Total Petroleum Hydrocarbons



**CHAIN OF CUSTODY**  
 Orange County Health Care Agency  
 Environmental Health Division  
 2009 E. Edinger Ave., Santa Ana, CA 92705  
 Telephone: (714) 667-3700

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- ATTACH THIS FORM TO THE ORIGINAL REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE. LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.

4. TO BE COMPLETED BY LABORATORY ANALYST

LAB NO.: 1197  
 DATE RECEIVED: 8-11-98  
 SAMPLE(S) CONDITION (PLEASE CHECK):  
 CHILLED: YES COUNTY SEAL(S) INTACT: YES  
 CONTAINER IN GOOD CONDITION: YES  
 DATE ANALYSIS COMPLETED: 8/12/98  
 ANALYST: D. Maio

5. TO BE COMPLETED BY SAMPLE COLLECTOR

SITE NAME/ADDRESS: Orange Coast College  
2701 Fairview Rd., Costa Mesa  
 DATE OF COLLECTION: 8-11-98  
 SAMPLE COLLECTOR/COMPANY: S. Chute  
Harding Lawson Associates  
 TELEPHONE NO.: \_\_\_\_\_  
 HCA REPRESENTATIVE: A. Pashidi - Gard

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
H1A-D1	TPH gasoline (8015)	BTEX + NUTBE (8020)	10:40am
H1A-D2	↓ ↓	↓ ↓ ↓	10:48am

7.

**CHAIN OF CUSTODY** *Intact/Cool*

1. <u>A. Pashidi-Gard</u> SIGNATURE	<u>Haz. Waste</u> COMPANY/AGENCY	<u>8-11-98</u> - <u>10:50am</u> INCLUSIVE DATES/TIMES
2. <u>S. Chute</u> SIGNATURE	<u>Harding Lawson</u> COMPANY/AGENCY	<u>8-11-98</u> - <u>10:52am</u> INCLUSIVE DATES/TIMES
3. <u>[Signature]</u> SIGNATURE	<u>"</u> COMPANY/AGENCY	<u>8-11-98</u> - <u>11:30am</u> INCLUSIVE DATES/TIMES
4. <u>K. Whaley</u> SIGNATURE	<u>DELTA</u> COMPANY/AGENCY	<u>8-11-98</u> - <u>11:30am</u> INCLUSIVE DATES/TIMES
5. _____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES
6. _____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES



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 16525 Soutman Way, Suite C, Fullerton, CA 92606 (714) 779-1844 FAX: (714) 779-1840  
 2605 W. 12th St., Suite L, Tempe, AZ 85281 (602) 968-9272 FAX: (602) 968-5407

Harding Lawson Associates 30 Corporate Park, Suite 400 Irvine, CA 92606 Attention: Marielle Coquia	Client Project ID: 41334.4 Coast Community College Sample Descript: Soil, HLA-02 Lab Number: HH01284	Sampled: Aug 11, 1998 Received: Aug 11, 1998 Extracted: Aug 13, 1998 Analyzed: Aug 13, 1998 Reported: Aug 13, 1998
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**MTBE (EPA 8260)**

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Methyl tert-Butyl Ether.....	5.0	210

Analytes reported as N.D. were not present at or above the reporting limit.

**DEL MAR ANALYTICAL (ELAP #1169)**

  
 Rick DiMaio  
 Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (60-120).....	102%

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Marielle Coquia

**Method Blank**

Extracted: Aug 13, 1998  
 Analyzed: Aug 13, 1998  
 Reported: Aug 13, 1998

**MTBE (EPA 8260)**

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Methyl tert-Butyl Ether.....	5.0	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

**DEL MAR ANALYTICAL (ELAP #1169)**

  
 Rick DiMaio  
 Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120).....	104%

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## MS/MSD Data Sheet

Method: EPA 8260  
 Matrix: Soil

Date: 8/13/98  
 Sample #: C8080560  
 Batch: HH13061S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppb	ppb	ppb	ppb	%	%	%	%	RPD %	Mean PR %
Vinyl Chloride	0	25	23	22	92%	88%	4.4%	90%	20	25-190
1,1-Dichloroethene	0	25	28	28	112%	112%	0.0%	112%	50	45-165
MtBE	0.30	25	28	28	111%	111%	0.0%	111%	25	60-150
1,1-Dichloroethane	0	25	28	28	112%	112%	0.0%	112%	20	55-160
Chloroform	0	25	27	27	108%	108%	0.0%	108%	20	60-150
1,2-Dichloroethane	0	25	27	27	108%	108%	0.0%	108%	20	65-140
Benzene	0	25	26	26	104%	104%	0.0%	104%	20	40-160
Trichloroethene	0	25	27	28	108%	112%	3.6%	110%	20	65-130
Toluene	1.1	25	21	22	80%	84%	4.7%	82%	20	70-135
Tetrachloroethene	0.10	25	21	22	84%	88%	4.7%	86%	20	50-155
Chlorobenzene	0	25	24	25	96%	100%	4.1%	98%	20	75-130
Ethylbenzene	0.60	25	25	25	98%	98%	0.0%	98%	20	70-135
m,p-Xylenes	1.2	25	26	26	99%	99%	0.0%	99%	20	65-140
o-Xylene	0.90	25	25	25	96%	96%	0.0%	96%	25	70-150

### Definition of Terms:

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
- PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
- RPD..... Relative Percent Difference; ((MS-MSD)/((MS+MSD)/2)) X 100
- Acceptance Limits..... Statistically determined on an annual basis.

**CHAIN OF CUSTODY**  
 Orange County Health Care Agency  
 Environmental Health Division  
 2009 E. Edinger Ave., Santa Ana, CA 92705  
 Telephone: (714) 667-3700

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4. TO BE COMPLETED BY LABORATORY ANALYST

LAB NO.: 1197  
 DATE RECEIVED: 8-11-98  
 SAMPLE(S) CONDITION (PLEASE CHECK):  
 CHILLED: YES COUNTY SEAL(S) INTACT: YES  
 CONTAINER IN GOOD CONDITION: YES  
 DATE ANALYSIS COMPLETED: 8/12/98  
 ANALYST: D. Maio

5. TO BE COMPLETED BY SAMPLE COLLECTOR

SITE NAME/ADDRESS: Orange Coast College  
2701 Fairview Rd., Costa Mesa  
 DATE OF COLLECTION: 8-11-98  
 SAMPLE COLLECTOR/COMPANY: S. Chute  
Harding Lawson Associates  
 TELEPHONE NO.: \_\_\_\_\_  
 HCA REPRESENTATIVE: A. Rashidi - Gard

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
HLA-01	TPH gasoline (8015)	BTEX + NUTBE (8020)	10:40 am
HLA-02	↓ ↓	↓ ↓ ↓	10:48 am

7.

**CHAIN OF CUSTODY** *Intact/Cool*

<u>A. Rashidi - Gard</u> SIGNATURE	<u>Haz. Waste</u> COMPANY/AGENCY	<u>8-11-98</u> . <u>10:50 am</u> INCLUSIVE DATES/TIMES
<u>S. Chute</u> SIGNATURE	<u>Harding Lawson</u> COMPANY/AGENCY	<u>8-11-98</u> . <u>10:52 am</u> INCLUSIVE DATES/TIMES
<u>[Signature]</u> SIGNATURE	<u>IL</u> COMPANY/AGENCY	<u>8-11-98</u> . <u>11:30 AM</u> INCLUSIVE DATES/TIMES
<u>H. Whaley</u> SIGNATURE	<u>DELMOR</u> COMPANY/AGENCY	<u>8-11-98</u> . <u>11:30 AM</u> INCLUSIVE DATES/TIMES
_____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES
_____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES





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 2465 W. 11th St., Suite 1, Torrance, CA 90501 (310) 608-6272 FAX (310) 608-6271

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Don Pape

Client Project ID: OCC  
 Analysis Method: EPA 5030/CA DHS Mod. 8015  
 First Sample #: HH01517

Sampled: Aug 14, 1998  
 Received: Aug 14, 1998  
 Extracted: Aug 17, 1998  
 Analyzed: Aug 17, 1998  
 Reported: Aug 17, 1998

## VOLATILE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number QC Batch	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
HH01517 HH17151S	S-1@2.5-3.0	N.D.	1.0	1.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors

DEL MAR ANALYTICAL (ELAP #1197)

  
 Rick DiMaio  
 Project Manager

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HH01517.HLA <1 of 4>



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 10525 Sherman Way, Suite C, Fullerton, CA 92631      949/779-1944 FAX: 949/779-1944  
 2465 W. 17th St., Suite 1, Tempe, AZ 85281      602/968-8272 FAX: 602/968-5611

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Don Pape

Client Project ID: OCC  
 Sample Descript: Soil, S-1@2.5-3.0  
 Lab Number: HH01517  
 QC Batch: HH14011S

Sampled: Aug 14, 1998  
 Received: Aug 14, 1998  
 Extracted: Aug 14, 1998  
 Analyzed: Aug 14, 1998  
 Reported: Aug 17, 1998

## BTEX and MTBE by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene.....	2.0	N.D.
Ethylbenzene.....	2.0	N.D.
Toluene.....	2.0	N.D.
o-Xylene.....	2.0	N.D.
m,p-Xylenes.....	2.0	N.D.
Methyl tert-Butyl Ether.....	5.0	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

### DEL MAR ANALYTICAL (ELAP #1197)

  
 Rick DiMaio  
 Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120).....	105%
Toluene-d8 (81-117).....	105%
4-Bromofluorobenzene (74-121).....	108%

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Don Pape

**Method Blank**

Extracted: Aug 17, 1998  
 Analyzed: Aug 17, 1998  
 Reported: Aug 17, 1998

## VOLATILE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

QC Batch	Laboratory Description	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
HH17151S	Method Blank	N.D.	1.0	1.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and/or other factors.

**DEL MAR ANALYTICAL (ELAP #1197)**



Rick DiMaio  
 Project Manager



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 10525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 772-1444 FAX (818) 772-1847  
 2465 W. 12th St., Suite 100, Torrance, CA 90501 (602) 966-9272 FAX (602) 966-9407

Harding Lawson Associates  
 30 Corporate Park, Suite 400  
 Irvine, CA 92606  
 Attention: Don Pape

**Method Blank**

Extracted: Aug 14, 1998  
 Analyzed: Aug 14, 1998  
 Reported: Aug 17, 1998

## BTEX and MTBE by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene.....	2.0	N.D.
Ethylbenzene.....	2.0	N.D.
Toluene.....	2.0	N.D.
o-Xylene.....	2.0	N.D.
m,p-Xylenes.....	2.0	N.D.
Methyl tert-Butyl Ether.....	5.0	N.D.

Analytes reported as N.D. were not present at or above the reporting limit.

**DEL MAR ANALYTICAL (ELAP #1197)**

  
 Rick DiMaio  
 Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120).....	104%
Toluene-d8 (81-117).....	106%
4-Bromofluorobenzene (74-121).....	108%

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical

## MS/MSD DATA REPORT

EPA METHOD: 8260

Matrix: Soil

Date

Analyzed: 8/14/98

Sample: HH01571

Batch: HH14011S

Analyte	R1	Sp	MS	MSD	PR1	PR2	RPD	MEAN PR	Acceptance Limits	
	ppb	ppb	ppb	ppb	%	%	%	%	RPD	MPR
Vinyl Chloride	0	25	26	28	104%	112%	7.4%	108%	30	30-160
1,1-Dichloroethene	0	25	27	27	108%	108%	0.0%	108%	40	45-165
MTBE	0	25	32	27	128%	108%	17%	118%	40	55-155
1,1-Dichloroethane	0	25	27	27	108%	108%	0.0%	108%	20	55-150
Chloroform	0	25	28	27	112%	108%	3.6%	110%	20	65-140
1,2-Dichloroethane	0	25	30	29	120%	116%	3.4%	118%	30	55-145
Benzene	0	25	25	25	100%	100%	0.0%	100%	25	60-140
Trichloroethene	0	25	27	27	108%	108%	0.0%	108%	30	60-145
Toluene	0	25	26	26	104%	104%	0.0%	104%	20	65-140
Tetrachloroethene	0	25	27	28	108%	112%	3.6%	110%	50	10-200
Chlorobenzene	0	25	26	27	104%	108%	3.8%	106%	20	70-135
Ethylbenzene	0	25	27	27	108%	108%	0.0%	108%	20	70-140
m,p-Xylenes	0	50	53	55	106%	110%	3.7%	108%	20	40-160
o-Xylene	0	25	27	27	108%	108%	0.0%	108%	20	65-150

### Definition of Terms:

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration Added to Sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS; ((MS-R1) / SP) X 100
- PR2..... Percent Recovery of MSD; ((MSD-R1) / SP) X 100
- RPD..... Relative Percent Difference; ((MS-MSD)/(MS+MSD)/2) X 100
- Acceptance Limits..... Statistically determined on an annual basis.

DEL MAR ANALYTICAL



## MS/MSD DATA REPORT

**Date:** 08/17/98                      **EPA Method 8015/8020**

**Sample #:** HH01467                      **Matrix:** Soil

**Batch #:** HH17151S

Analyte	<u>R1</u>	<u>Sp</u>	<u>MS</u>	<u>MSD</u>	<u>PR1</u>	<u>PR2</u>	<u>RPD</u>	<u>Mean PR</u>	<u>Acceptance Limits</u>	
	mg/Kg	mg/Kg	mg/Kg	mg/Kg	%	%	%	%	<u>RPD</u>	<u>Mean PR</u>
TPH	0.025	1.1	1.1	1.1	97	95	1.1	96	≤20	65 - 130
Benzene	0	0.10	0.11	0.11	109	108	0.73	109	≤20	75 - 120
Toluene	0	0.10	0.10	0.10	104	103	1.5	104	≤20	75 - 120
Ethylbenzene	0	0.10	0.11	0.11	110	108	1.7	109	≤20	80 - 125
Xylenes	0.0014	0.30	0.32	0.31	106	104	2.5	105	≤20	80 - 120
MTBE	0	1.5	1.4	1.4	92	92	0.14	92	≤30	50 - 150

### Definition of Terms

- R1..... Result of Sample Analysis
- Sp..... Spike Concentration added to sample
- MS..... Matrix Spike Result
- MSD..... Matrix Spike Duplicate Result
- PR1..... Percent Recovery of MS;  $((MS-R1)/SP) \times 100$
- PR2..... Percent Recovery of MSD;  $((MSD-R1)/SP) \times 100$
- RPD..... Relative Percent Difference;  $((MS-MSD)/(MS+MSD)/2) \times 100$
- Mean PR..... Mean Percent Recovery
- Acceptance Limits..... Determined by in-house Control Charts

**CHAIN OF CUSTODY**  
 Orange County Health Care Agency  
 Environmental Health Division  
 2009 E. Edinger Ave., Santa Ana, CA 92705  
 Telephone: (714) 667-3700

- ALL SAMPLES ARE TO BE HANDLED AS COURT EVIDENCE, AND ARE TO BE PROPERLY STORED IN A SECURE LOCATION.
- PLEASE WRITE LEGIBLY.
- ATTACH THIS FORM TO THE ORIGINAL REPORT OF THE ANALYTICAL RESULTS AND RETURN THEM TO THIS OFFICE. LABORATORY RESULTS RECEIVED WITHOUT PROPER CHAIN OF CUSTODY DOCUMENTATION WILL NOT BE ACCEPTED.

4. TO BE COMPLETED BY LABORATORY ANALYST

LAB NO.: 1197

DATE RECEIVED: 8/14/98

SAMPLE(S) CONDITION (PLEASE CHECK):

CHILLED:  COUNTY SEAL(S) INTACT:

CONTAINER IN GOOD CONDITION:

DATE ANALYSIS COMPLETED: \_\_\_\_\_

ANALYST: \_\_\_\_\_

5. TO BE COMPLETED BY SAMPLE COLLECTOR

SITE NAME/ADDRESS: Dodge Coast College  
2701 Fairview Rd., Costa Mesa

DATE OF COLLECTION: 8-14-98

SAMPLE COLLECTOR/COMPANY: D. Pape  
HCA

TELEPHONE NO.: \_\_\_\_\_

HCA REPRESENTATIVE: A. Rashidi-Javid

6.

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS	TIME OF COLLECTION
<u>S1</u>	<u>TPT Gasoline (8015),</u>	<u>BTEX &amp; MTBE (8260)</u>	<u>10:58am</u>

7.

CHAIN OF CUSTODY			
1.	<u>A. Rashidi-Javid</u> SIGNATURE	<u>Haz Waste</u> COMPANY/AGENCY	<u>8-14-98 - 10:58am</u> INCLUSIVE DATES/TIMES
2.	<u>D. Pape</u> SIGNATURE	<u>HCA</u> COMPANY/AGENCY	<u>8-14-98 - 10:58am</u> INCLUSIVE DATES/TIMES
3.	<u>D. Pape</u> SIGNATURE	<u>HCA</u> COMPANY/AGENCY	<u>8-14-98 - 1410</u> INCLUSIVE DATES/TIMES
4.	<u>Cory Carlson</u> SIGNATURE	<u>Del Mar</u> COMPANY/AGENCY	<u>8/14/98 - 1410</u> INCLUSIVE DATES/TIMES
5.	_____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES
6.	_____ SIGNATURE	_____ COMPANY/AGENCY	_____ INCLUSIVE DATES/TIMES



**APPENDIX F**  
**SOIL COMPACTION REPORT**



# GEO ENVIRON

GEOTECHNICAL AND ENVIRONMENTAL SERVICES

3904 E. Miraloma Ave. Unit 1, Anaheim, CA 92806 . (714) 632-3190 . Fax (714) 632-3191

Job No. 98-8-94-22H1

September 7, 1998

Mr. Bill Gebhart  
Quest Environmental  
155 Arovista Circle  
Brea, CA 92621

**Subject: In-Place Density Test Results for the Tank Excavation Backfill**  
Orange Coast College  
1371 Adams Avenue, Costa Mesa, Orange County, California.

**Dear Mr. Gebhart:**

Submitted herewith is a report of in-place density test results for the tank excavation backfill on the subject site. Field density test results are presented in the Summary Sheet in Appendix 'A'. The approximate location of the field density tests, excavation areas, and other pertinent dates are shown on the attached plot plan in Appendix 'B'.

**Date Of Observation**

August 13, 1998

**Grading Equipment**

Backhoe with Vibratory Plate

**Grading & Field Operation**

The subject tank area was excavated to approximately 12 feet below the existing site grade and the size of the excavation was approximately 10'x 12'.

The excavation bottom was compacted prior to fill placement. Excavated on-site pea gravel were used to backfill the excavation to within 1.5' of existing grade. The pea gravel were placed at one foot thick horizontal lifts and rolled properly to maximize the consolidation of gravel. The remainder of the excavation was then backfilled with crushed aggregate base materials and compacted to within existing site grade.

See the summary sheet in Appendix 'A' for the description of the fill materials and the density test results.

### Density Testing

In-place density tests were performed in general accordance with Sand Cone Method ASTM D-1556 procedures at a frequency sufficient to verify the moisture content and degree of compaction obtained. Maximum dry density of the fill soil was obtained in general accordance with ASTM D-1557 procedures.

### Conclusion

The tank excavation backfill was placed and compacted to a minimum relative compaction of 93% of maximum dry density.

The excavation backfill are determined to be suitable for support for pavement for parking and driveway areas only. If buildings or structures are planned in the excavation backfill areas, a geotechnical investigation must be conducted to evaluate the fill and natural soils for specific supports of the buildings or structures.

Our observation and testing of the backfill materials did not include any environmental assessment of the backfill materials or opinions relating to possible soil or subsurface contamination by hazardous or toxic substances.

**Closure**

This evaluation was performed in accordance with generally accepted engineering practices. The conclusions and recommendations contained in this report were based on the data available and the interpretation of such data as dictated by our experience and background. Hence, our conclusions and recommendations are professional opinions; no other warranty is offered or implied.

This opportunity to be of service is appreciated. If you have any further questions regarding this matter, please contact our office at your earliest convenience.

Respectfully submitted,

**Geo Environ**



Javed Masud  
Project Manager

JM/SS/gm

Attachments: Appendix 'A'- Summary Sheet  
Appendix 'B'- Plot Plan



Saeed Shalidi  
RCE 51711



9/13/98

**APPENDIX A**

***DENSITY TEST SUMMARY SHEET***



**Maximum Density Test Results**

Type	Soil Classification	Maximum Dry Density (pcf)	Optimum Moisture Content (%)
A	Crushed Aggregate Base	140.0	7.5

**Field Density Test Results**

Test No.	Date	Location	Test Elev. (ft.)	Soil Type	Moisture Content (%)	Dry Density (pcf)	Relative Compaction (%)	Test Type	Remark
1	8/13/98	Excavation Area	-1.0	A	6.1	130.8	93.4	S	Passed
2	9/19/97	Excavation Area	Grade	A	7.2	130.2	93.0	S	Passed

Method: S: Sand Cone Method per ASTM D-1556

APPENDIX B

*PLOT PLAN*

ADAMS AVENUE

F  
A  
I  
R  
V  
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E  
W  
  
S  
T  
R  
E  
E  
T



**GEO ENVIRON**

GEO TECHNICAL & ENVIRONMENTAL SERVICES

3904 E. MIRALOMA AVE #1  
ANAHEIM CA 92806

ORANGE COAST COLLEGE  
1371 ADAMS AVENUE  
COSTA MESA, CA.

DWG. NO. 1  
PLOT PLAN

Project No. 98-8-94-22H\*

**DISTRIBUTION**

Tank Closure Report  
Closure Permit No. 98-299  
Orange Coast College  
2701 Fairview Road  
Costa Mesa, California

October 27, 1998

Copy 1: Ms. Arghavan Rashidi-Fard  
Orange County Health Care Agency  
Environmental Health Division  
2009 E. Edinger Avenue  
Santa Ana, California 92708

Copy 2: Mr. Eloy O. Oakley  
Coast Community College District  
1370 Adams Avenue  
Costa Mesa, California 92626

Copies 3-4: HLA Project File

Quality Control Reviewer:



Ed Stewart  
Associate Geologist, R.E.A.

ORANGE COAST COLLEGE

SOIL REMEDIATION PROJECT

FINAL REPORT

SUBMITTED BY ALWS AND TRICOAST ENGINEERING

PREPARED BY ALWS

JANUARY 9, 1989



# Analytical Liquid Waste Systems, Inc.

(818) 793-2435  
(Mon - Fri, 8 - 5)  
(714) 960-3218  
(Machine)

Frank Visco, President  
Al Balzano, Vice-President  
Kasi Gabbita, Vice-President/R & D  
Ken Visco, Secretary/Treasurer

8616 Hamilton Ave.  
Huntington Beach, CA 92646

January 09, 1989

Coast Community College District  
1370 Adams Avenue  
Costa Mesa, CA 92626

Attention: Mr. Gene Harrie

Dear Mr. Harrie:

Enclosed are the results of the treatment of the petroleum hydrocarbon contaminated soil located on the Orange Coast College campus. The treatment was carried out by Tri Coast Engineering of Costa Mesa on Oct. 15, Oct. 31, and Nov. 1, 1988. The treatment process is known as chemical fixation and uses HCC-104 developed by ALWS under the supervision of Dr. Kasi Gabbita.

The enclosed report was prepared by ALWS and is accompanied by support data from two independent labs: Edward S. Babcock & Sons, Inc. (P.O. Box 432, Riverside, California, 92505, phone 714 684-1881) and MBC Applied Environmental Sciences, (947 Newhall St., Costa Mesa, California, 92627, phone, 714 646-1601).

Utilizing the analytical data obtained from this study, the Department of Health Services can now evaluate the soil for hazardous waste declassification. Should you have any questions regarding this report, please contact Dr. Kasi Gabbita of ALWS at (818) 793-2435.

Please forward copies of this report to Health Care Agency of Orange County; Alternative Technologies Section of Department of Health Services, Sacramento, California, seeking their assistance for sign off of the treated soil, with a time frame of 4 to 6 weeks.

Sincerely Yours,

*Frank Visco*

Frank Visco  
President  
enclosure

## TABLE OF CONTENTS

- I. History of contaminated soil.
- II. Documentation of soil contamination by the OCC.
- III. Documentation of levels of contamination of soil by the ALWS.
- IV. Studies on the contaminated soil at the OCC .
- V. Permit Application Management Program (PAMP).
- VI. Description of Chemical Fixation by using HCC-104.
- VII. Treatment of soil at the OCC.
- VIII. Results of Acute Aquatic Toxicity Bioassay (Title 22, Aquatic Toxicity Bioassay Test, \* ATBT, Department of Health Services, California).
- IX. Effect of Chemical Fixation Treatment with HCC-104 on soil condition for plant growth: Experiments with rye grass.
- X. Conclusions



## I. HISTORY OF CONTAMINATED SOIL AT ORANGE COAST COLLEGE

The approximate 80 cubic yards of soil at Orange Coast College was thought to be contaminated with both diesel and waste oil that leaked from underground storage tanks. Upon removal of the tanks and the contaminated soil from its original site, the contaminated soil was placed in a vacant field at the corner of Adams Avenue and Pinecreek Drive at the Orange Coast College campus. The soil was spread on plastic sheeting to a thickness of about 1 foot. The soil was allowed to aerate for several months. During this period ALWS collected several samples at different time intervals for analysis by Babcock Labs to determine the levels of total petroleum hydrocarbon (TPH) contamination. From March 1988 through October 1988 TPH values were determined and ranged from as low as 380 ppm to as high as 10,000 ppm (see Appendix A elsewhere in this report). It is clear that the contamination levels vary substantially. Variations are probably due to the fact that the soil has "hot" and "cold" spots. Hot spots have higher than average levels of contamination while cold spots have lower than average levels of contamination. Since diesel and oil are not known to evaporate readily, it is unlikely that aeration could have reduced the levels of contamination. Laboratory treatment studies on 50 pound samples of this contaminated soil over a period of several months indicated that the ALWS chemical fixation process using the polymer known as HCC-104 could reduce levels of TPH contamination to below 100 ppm for TPH<sub>8</sub>. Based upon these studies and encouragement from Alternative Technology Section of the Department of Health Services of the State of California, Coast Community College District agreed to try the chemical fixation process on the contaminated soil discussed here.

## II. DOCUMENTATION OF SOIL CONTAMINATION BY THE OCC

In February and March of 1988 Coast Community College District initiated the analysis of the soil surrounding the leaky tanks in question. Associated Labs in Orange, and NorCal Engineering of Los Alamitos were involved in these initial studies, at the direction of Pomona Valley Equipment Rentals, Inc., Chino, CA, who pulled out the tanks. Contamination levels appear to be variable, ranging as high as 38,000 parts per million (ppm or mg/kg) for Total Petroleum Hydrocarbons (TPH<sub>8</sub>) as determined by EPA 418.1. The next page refers to the results from the Laboratory. (See Appendix B).



### III. DOCUMENTATION OF LEVELS OF CONTAMINATION OF SOIL BY THE ALWS

From March 1988 through November 1988 ALWS collected samples of the suspected contaminated soil with the permission of Gene Harrie. The samples were primarily analyzed for total petroleum hydrocarbons (TPH<sub>g</sub>) with a few samples analyzed for total nonvolatile petroleum hydrocarbons (TNVPH<sub>g</sub>). TPH<sub>g</sub> were determined by EPA 418.1 (modified) and TNVPH<sub>g</sub> were determined by carbon disulfide extraction (GC method). TPH values ranged from 250 to 10,000 parts per million, while TNVPH<sub>g</sub> ranged from 54 to 520 parts per million (Table I).

TABLE I

Total Petroleum Hydrocarbons (TPH<sub>g</sub>) in soil samples\* at the Orange Coast College, Costa Mesa, California.

DATE ANALYZED	BABCOCK LAB I.D. #	PARTS PER MILLION
03/10/88	ALWS 3/8/88 #1	5000
05/11/88	ALWS TPH 1001	5000
05/18/88	1004	5500
05/19/88	1006	10000
05/19/88	1009	1600
05/19/88	1010	3500
07/05/88	1020	1400
07/05/88	OCC 1021	1300
07/05/88	OCC 1022	3500
07/05/88	OCC 1023	3000
07/05/88	OCC 1024	5500
07/07/88	OCC 1025	4500
07/07/88	OCC 1028	4500
07/07/88	OCC 1029	4300
07/12/88	OCC 1032	3600
07/12/88	OCC 1033	6300
09/23/88	OCC 1064	3600
09/23/88	OCC 1065	4000
10/17/88	OCC 1070	3300
10/17/88	OCC 1071	3000
10/17/88	OCC 1072	250
10/17/88	OCC 1073	2500
10/17/88	OCC 1095	380
11/07/88	OCC 1097	3500
11/07/88	OCC 1101	1000
11/07/88	OCC 1103	5000
<b>AVERAGE</b>		<b>3655</b>

\* Each soil sample represents a composite of several smaller subsamples. TPH<sub>g</sub> analysis was performed according to EPA 418.1 protocol, as approved by the Department of Health Services, State of California. Appendix A contains the results from the Babcock Labs, including those for TNVPH<sub>g</sub>.

#### IV. STUDIES ON THE CONTAMINATED SOIL AT OCC

In March 1988 ALWS began its lab studies to determine the effectiveness of the chemical fixation process on the contaminated soil in question. The majority of the studies consisted of treating anywhere from 25 to 90 pounds of the soil. Treatment consisted of creating a water/soil slurry and allowing the slurry to mix for 10 minutes. HCC-104 was then added to this slurry and the slurry/HCC-104 mixture was allowed to mix for anywhere from 30 minutes to 2 hours, depending on the specific experimental plan. The results summarized below are for both Total Petroleum Hydrocarbons and Nonvolatile Petroleum Hydrocarbons. All contamination levels were determined by Babcock Labs and hard copies of their analytical data are found in Appendix C.

TABLE II

Effect of chemical fixation treatment with HCC-104 on Total Petroleum Hydrocarbons (TPH<sub>S</sub>, ppm) in the soil.

DATE TESTED (LAB STUDY)	SOIL	
	CHECK/CONTROL (UNTREATED)	CHEMICALLY FIXED WITH HC-104 (TREATED)
03/23/88	5000	40
07/07/88	4400 (avg. of 4500 & 4300)	100
07/12/88	4950 (avg. of 3600 & 6300)	20 (retested on 07/29 10 ppm)
09/15/88	3800 (avg. of 3600 4000)	80 (avg. of 70 & 90)



TABLE III

Effect of chemical fixation treatment with HCC-104 on Total Nonvolatile Petroleum Hydrocarbons\* (TNVPH<sub>g</sub>, ppm) in soil.

DATE TESTED (LAB STUDY)	CONTROL/CHECK (UNTREATED)	SOIL CHEMICALLY FIXED WITH HC-104 (TREATED)
09/15/88	365 (avg. of 210 & 520)	78 (avg. of 60 & 90)

\* Analyzed as per the method recommended by the Department of Health Services, State of California (carbon disulfide extraction followed by gas chromatography as outlined in LUFT manual).

#### V. PERMIT APPLICATION AND MANAGEMENT PROGRAM (PAMP)

The process of chemical fixation of petroleum hydrocarbons is a new process in the State of California as well as the U.S.A. Tricoast and ALWS worked closely with state, county, and local agencies to inform them of the technical aspects of the process. Dr. Gabbita of ALWS had several personal conversations with representatives of these agencies and accordingly he followed the direction of the Alternative Technology Section of the Health Services and filed the specific, necessary permits required by the various state, county and local designated agencies.

Subsequent investigation revealed that possibly as many as 8 agencies (at least) may be required to issue permits.

## VI. DESCRIPTION OF CHEMICAL FIXATION PROCESS USING HCC-104

The process, proprietary in nature, is a chemical fixation-stabilization mechanism to lock up hydrocarbons (light as well as heavy) when found to be associated with a soil matrix.

The process is based on the use of polymer and polymer-additives which, when mixed with contaminated soil, render hydrocarbons immobilized and thus make hydrocarbons non-labile preventing possible transport to groundwater. The process requires optimal use of water which acts as a carrier to aid action of polymer and polymer-additives in pulling the hydrocarbons from soil particles or "fixing" them in place.

After treatment with the combination of polymer and polymer-additives, the soil (originally contaminated with the hydrocarbons) is ready to be put back into the same ground from where it was originally excavated.

It is also possible to mix cement with the slurry (soil treated with polymer and polymer-additives, together with water) and put it back in the ground so as to minimize possible future leak(s) of hydrocarbons from the container tank.

Chemical fixation is one of the most viable and versatile tools available to industry and has received considerable attention from many state agencies, as well as USEPA.



## VII. TREATMENT OF THE SOIL AT THE OCC

Approximately 100 cubic yards of soil contaminated with petroleum hydrocarbons was treated on the Orange Coast College campus. The soil was thought to be contaminated by the leaky underground tanks containing diesel and waste oil. The soil was first removed from the OCC farm shop area in March of 1988 and later allowed to aerate on the corner of Adams Avenue and Pin creek Drive (on the OCC campus). In late October the soil was stockpiled. On Oct. 15, 31, and Nov. 1, 1988 the soil was treated by Tricoast Engineering using the ALWS polymer known as HCC-104. Treatment consisted of loading 8 cubic yards of soil (by conveyor belt) into a cement mixer. Enough water was added to the soil to create a homogenized soil/water slurry. This slurry was allowed to mix for a period of 15 minutes to dissolve larger clumps of soil. Next, 1 ton of HCC-104 (the polymer) was added to the slurry creating a soil/water/polymer slurry. This final slurry was mixed for at least 30 minutes. After mixing, the slurry was deposited on a plastic liner in a containment area. Samples of untreated soil and samples of each treated slurry were collected for analysis by Babcock Labs in Riverside, for total petroleum hydrocarbons. On the first 16 cubic yards of soil the nonvolatile petroleum hydrocarbons were also determined by use of carbon disulfide extraction (GC method). Results of these analyses are found in the following Tables (4 & 5) on the following two pages. In addition the hard copies of these analytical results are to be found in Appendix D.



-----  
**TABLE IV**  
 -----

Effect of chemical fixation treatment with HCC-104 on total petroleum hydrocarbons (TPH<sub>g</sub> ppm) in the soil.

-----

CONTROL/CHECK (UNTREATED)	SOIL			
	BATCH #	CHEMICALLY FIXED WITH HC-104 TREATED	OCC ID#	
2366	1	10	1074	
(Mean value from 8 samples below, sample was collected before treatment from each of the batches);	2	N.D.*	1076	
	3	N.D.*	1096	
	4	N.D.*	1098	
	5	N.D.*	1100	
	6	N.D.	1102	
	OCC ID#s	7	10	1104a
	1070	8	10	1104b
	1071	9	N.D.*	1105
	1072	10	N.D.*	1106
	1073			
1095				
1097				
1101				
1103				

\* Indicates nondetectable levels of contamination or less than 10 ppm TPH<sub>g</sub>.

-----

-----  
**TABLE V**  
-----

Effect of chemical fixation treatment with HCC-104 on Total Nonvolatile Petroleum Hydrocarbons \* (TNVPH's, ppm) in the soil.  
-----

CONTROL/CHECK (UNTREATED)	SOIL		
	CHEMICALLY FIXED WITH HCC-104 (TREATED)		
	BATCH #	OCC ID#	
128 (averaged from four samples collected from batches 1 and 2)	1	1074	N.D.*
	2	1076	N.D.*

-----

OCC ID#	
1070	200
1071	180
1072	76
1073	54

-----

\* Indicates nondetectable levels of contamination or less than 10 parts per million.  
-----



VIII. RESULTS OF ACUTE AQUATIC TOXICITY BIOASSAY (TITLE 22, AQUATIC TOXICITY BIOASSAY TEST, \*ATBT, DEPARTMENT OF HEALTH SERVICES, CALIFORNIA).

In September of 1988 a 40 pound sample of the soil in question was treated with the polymer used in the previously described field studies. The treated sample was analyzed by MBC Applied Environmental Sciences in Costa Mesa, for fish toxicity. This consisted of subjecting fish to various concentrations of treated soil for a period of 5 days and analysis of fish kills (if any) were monitored. Results of this test showed "the sample passed Title 22, Section 66696, Article 11 of the California Administrative Code (96 hour acute aquatic toxicity, following DOHS methodology) testing at least 750 mg/l with no mortality." In other words the treated soil sample passed the test because all of the fish in the test lived. The passage of this test serves as a manifest to delist the treated waste for landfilling in a regular, municipal (nonhazardous) landfill.

In Appendix E are the essentials of the toxicity test results. Copy of the MBC report is available from ALWS.

IX. EFFECT OF CHEMICAL FIXATION TREATMENT WITH HCC-104 ON SOIL CONDITION FOR PLANT GROWTH: EXPERIMENTS WITH RYE GRASS

On November 8, 1988 approximately 5 pounds of rye grass seeds were broadcast randomly by hand over approximately 1/3 of the treated soil. Within one week the seeds had sprouted. While this is only a subjective and qualitative test it does suggest that the treated soil can support the growth of rye grass. On the next page, photo 1 shows the soil shortly after the treatment but before the spreading of the seed, photo 2 shows the same treated soil 1 week after seeding, photo 3 shows the same area 1 month after seeding. The third photo suggests that the vegetation is continuing to flourish.







1



2



3

12



Analytical Liquid Waste Systems, Inc.

## XI. CONCLUSIONS

Soil contamination occurred from petroleum hydrocarbons (diesel and waste oil) that leaked from underground tanks located in the "Farm Shop" area on the OCC campus. Documentation from independent lab sources indicated that soil contamination levels averaged 3655 parts per million for Total Petroleum Hydrocarbons as determined by EPA protocol 418.1 (modified). This contaminated soil was subjected to chemical fixation by mixing the soil with water and the ALWS product known as HCC-104. Following chemical fixation the parts per million dropped to 10 or less. In addition, fish toxicity testing indicated that soil treated by this chemical process was nontoxic to fish and therefore, may be safe for most landfilling.

Finally, the growth of rye grass continues to flourish at the time that this report is being prepared.

In conclusion, it appears that the chemical fixation process was successful in reducing the total petroleum hydrocarbons to levels under 100 parts per million.

14



APPENDIX A

Documentation of analytical test results from Babcock Labs  
confirming soil contamination levels before chemical fixation  
process.



Analytical Liquid Waste Systems, Inc.

---

BACTERIOLOGY  
 WATER TESTING  
 HAZARDOUS WASTE TESTING  
 CALIF. DHS CERTIFIED  
 PHONE (714) 884-1881  
 LABORATORIES  
 3215 CHICAGO AVE.

ESTABLISHED 1908  
**EDWARD S. BABCOCK & SONS, INC.**  
 P. O. BOX 432  
 RIVERSIDE, CALIFORNIA 92502



JAN 20 1989

TO Analytical Liquid Waste System  
 8616 Hamilton Ave.  
 Huntington Beach, CA 92646

Lab No. 890119-15  
 Invoice No. 96999  
 Submitted \_\_\_\_\_ Sampled \_\_\_\_\_  
 By Lisa  
 Date \_\_\_\_\_  
 Time \_\_\_\_\_

SAMPLE MARKED Compilation of various reports

EPA 418.1 - Soil Extension Petroleum Hydrocarbons

<u>LAB NUMBER</u>	<u>ALWS I.D.</u>	<u>RESULT (mg/kg)</u>
880310-193	3/8/88 #1 OCC	5000
880510-206	ALWS TPH 1001	5000
880517-163	#1004	5500
880517-165	#1006	10000
880517-168	#1009	1600
880517-169	#1010	3500
880630-213	OCC 1020	1400
880630-214	OCC 1021	1300
880630-215	OCC 1022	3500
880630-216	OCC 1023	3000
880705-141	OCC 1024	5500
880705-142	OCC 1025	4500
880705-145	OCC 1028	4500
880705-146	OCC 1029	4300
880711-120	OCC 1032	3600
880711-121	OCC 1033	6300
880916-241	OCC 1064	3600
880916-242	OCC 1065	4000
881017-267	OCC 1070	3300
881017-268	OCC 1071	3000
881017-269	OCC 1072	250
881017-266	OCC 1073	2500
881103-327	OCC 1095	380
881103-328	OCC 1097	3500
881103-330	OCC 1101 Batch #6	1000
881103-331	OCC 1103 Batch #7	5000

EDWARD S. BABCOCK & SONS, INC.

*Lawrence J. Chyral*

APPENDIX B

Preliminary documentation of soil contamination at OCC



Analytical Liquid Waste Systems, Inc.

---



**ASSOCIATED LABORATORIES**

806 North Batavia - Orange, California 92668 - 714/771-6900

RECEIVED

MAR 3 - 1988

PHYSICAL FACILITIES PLANNING  
COAST COMM. COLLEGE DISTRICT

CLIENT

Pomona Valley Equip. Rentals (1965)  
17301 Beach Blvd.  
#8  
Huntington Beach, CA 92647  
Attn: Bob Bunnell

LAB NO. F44798  
REPORTED 02/17/88


SAMPLE Soil RECEIVED 02/09/88

IDENTIFICATION Fuel Farm, Costa Mesa

BASED ON SAMPLE As Submitted with County Seals Intact

	#2	#3
Hydrocarbons (418.1) (mg/kg)	15,200	760
Benzene (mg/kg)	3.6	ND<0.05
Toluene (mg/kg)	8.0	ND<0.05
Ethyl Benzene (mg/kg)	ND<0.1	ND<0.1
Total Xylene (8020) (mg/kg)	61.5	ND<0.1

ASSOCIATED LABORATORIES

  
Edward S. Behare, Ph.D.

ESB/ql

cc: O.C. Health Care Dept.

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING  
Chemical •  
Microbiological •  
Environmental •

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# NorCal Engineering

SOILS AND GEOTECHNICAL CONSULTANTS  
10571 CALLE LEE SUITE 155 LOS ALAMITOS, CA 90720  
(714) 826-4231 (213) 267-0125

March 18, 1988

Project Number 1082-88

Pomona Valley Equipment Rentals, Inc.  
1730 1/2 Beach Boulevard, Suite 8  
Huntington Beach, California 92647

RECEIVED

MAR 30 1988

PHYSICAL & CHEMICAL ENGINEERING  
COSTA MESA COLLEGE

Re: Chemical Analysis of Soils - Located at Orange Coast  
College, in the City of Costa Mesa, California

Dear Sirs:

Pursuant to your request, Total Hydrocarbons EPA Method 418.1 and  
EPA Method 8015 tests were performed on samples transported to  
this firm.

Samples which were in airtight containers, sealed and packed in  
ice were transported while chilled to Anaheim Test Laboratories,  
Inc. Tests as required were performed and results are attached.

We appreciate this opportunity to be of service to you. If you  
have any further questions, please do not hesitate to contact the  
undersigned.

Respectfully submitted,  
NORCAL ENGINEERING



Troy D. Norrell  
President

801  
ALL SRI

**NorCal Engineering**  
SOILS AND GEOTECHNICAL CONSULTANTS  
10571 CALLE LEE SUITE 155 LOS ALAMITOS, CA 90720  
(714) 826-4231 (213) 267-0125

CHAIN OF CUSTODY

<u>Project #</u>	<u>Sample #</u>	<u>Date Obtained</u>	<u>Time Obtained</u>	<u>Depth</u>
1082-98	1	3-2-98	11:30	5'
1082-98	2	3-2-98	11:45	5'
1082-98	3	3-2-98	12:00	8'
1092-98	4	3-2-98	12:15	5'

Samples Obtained by: *Pomona Valley Equip. Rentals* Location: *Orange Coast Coll.*  
At the Direction of: *Jim McKenzie* *COSTA MESA*

Received by:

*James Akaleas*  
Anaheim Test Laboratory

*3/3/98*  
Date

*10:01 AM*  
Time

Samples placed in airtight containers and transported to Anaheim Test Laboratory. (samples packed in ice and refrigerated)

\*Locations shown on attached plan



# ANAHEIM TEST LABORATORY

3004 S. ORANGE AVENUE  
SANTA ANA, CALIFORNIA 92707  
PHONE (714) 549-7267

NorCal Engineering

DATE: 3-10-88

P.O. No. Verbal

Shipper No.

Lab. No. A-2898-1-4

Specification:

Material: Soil

Job 1082-88  
-1-4

## TOTAL HYDROCARBONS per EPA 8015

-1	10 mg/kg
-2	ND less than .
-3	6150
-4	ND less than .

*C. J. Williams*

# ANAHEIM TEST LABORATORY

3004 S. ORANGE AVENUE  
SANTA ANA, CALIFORNIA 92707  
PHONE (714) 549-7267

NorCal Engineering

DATE: 3-10-88

P.O. No. Verbal

Shipper No.

Lab. No. A-2898-1-4

Specification:

Material: Soil

Job 1082-88

1-4

## TOTAL HYDROCARBONS per EPA 418

-1	12 mg/kg
-2	68
-3	38,300
-4	20

ANAHEIM TEST LABORATORY



James A. Kallas, Chief Chemist

TYPE: 2  
SIZE: 6' x 12' x 15' deep  
CONTENTS: 1' of liquid  
3' of solid

SAMPLE #2

#2

TAKE THIS SAMPLE  
: 1' of liquid  
: 4' of solid

SAMPLE #1

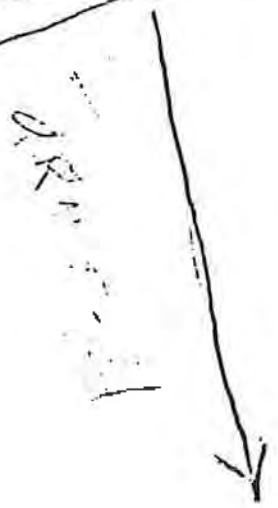


SAMPLE #3

TYPE: 1 story  
SIZE: 12' x 12' x 8' deep  
CONTENTS: 6" of liquid

TYPE: 1 story  
SIZE: 6' x 10' x 5' deep  
CONTENTS: 11' of liquid

SAMPLE #4



1 STORY Bungalow

1 STORY Bungalow

#4

DRIVE WAY

1 story Bungalow

Concrete

APPENDIX C

Documentation by Babcock labs of laboratory studies conducted  
by ALWS



Analytical Liquid Waste Systems, Inc.

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BACTERIOLOGY  
WATER TESTING  
HAZARDOUS WASTE TESTING  
CALIF. DHS CERTIFIED  
PHONE (714) 884-1881  
LABORATORIES  
3218 CHICAGO AVE

ESTABLISHED 1908  
EDWARD S. BABCOCK & SONS, INC.  
P. O. BOX 432  
RIVERSIDE, CALIFORNIA 92502  
JAN 20 1989



TO Analytical Liquid Waste System  
8616 Hamilton Ave.  
Huntington Beach, CA 92646

Lab No. 890119-16  
Invoice No. 96999  
Submitted | Sampled  
By Lisa |  
Date |  
Time |

SAMPLE MARKED .Compilation of various reports

EPA 418.1 Soil Extension Petroleum Hydrocarbons

<u>LAB NUMBER</u>	<u>ALWS I.D.</u>	<u>RESULT (mg/kg)</u>
880310-193	3/8/88 #1 OCC	5000
880321-150	OCC 1 Week Passive	40
880705-145	OCC 1028	4500
880705-146	OCC 1029	4300
880705-147	OCC 1030	100
880711-121	OCC 1033	6300
880711-120	OCC 1032	3600
880711-122	OCC 1034	20
880727-337	OCC 1034 Retest Soil	10
880916-242	OCC 1065	4000
880916-241	OCC 1064	3600
880916-243	OCC 1066	70
880916-244	OCC 1067	90

EDWARD S. BABCOCK & SONS, INC.

*Lawrence J. Chynski*

APPENDIX D

Documentation by Babcock Labs of soil contamination levels  
after treatment with chemical fixation process.



Analytical Liquid Waste Systems, Inc.

---

BACTERIOLOGY  
 WATER TESTING  
 HAZARDOUS WASTE TESTING  
 CALIF. DHS CERTIFIED  
 PHONE (714) 884-1881  
 LABORATORIES  
 3215 CHICAGO AVE.

ESTABLISHED 1908  
**EDWARD S. BABCOCK & SONS, INC.**  
 P. O. BOX 432  
 RIVERSIDE, CALIFORNIA 92502



TO Analytical Liquid Waste System  
 8616 Hamilton Ave.  
 Huntington Beach, CA 92646

Lab No. 881212-1  
 Invoice No. 95979  

	Submitted	Sampled
By	<u>Lisa</u>	
Date	<u>10/17 and</u>	
	<u>11/3</u>	

SAMPLE MARKED      Compilation of various reports

EPA 418.1- soil extension Petroleum Hydrocarbons

<u>LAB NUMBER</u>	<u>ALWS I.D.</u>	<u>RESULT (mg/kg)</u>
881017-266	OCC 1073	2500
881017-267	OCC 1070	3300
881017-268	OCC 1071	3000
881017-269	OCC 1072	250
881103-327	OCC 1095	380
881103-328	OCC 1097	3500
881103-330	OCC 1101 Batch #6	1000
881103-331	OCC 1103 Batch #7	5000
881017-262	OCC 1075	ND (<10)
881017-265	OCC 1078	ND (<10)
881103-321	OCC 1096	ND (<10)
881103-322	OCC 1098	ND (<10)
881103-323	OCC 1100	ND (<10)
881103-324	OCC 1102	ND (<10)
881103-332	OCC 1104 Batch #7	10
881103-333	OCC 1104	10
881103-325	OCC 1106	ND (<10)
881103-334	OCC 1105	ND (<10)

ND = None Detected. The Practical Quantitation Limit (PQL) is 10 mg/kg.

NOTE: The results for lab numbers 881103-321 thru 881103-325 and lab numbers 881103-332 thru 881103-334 are amended to reflect the milder extraction procedure. These samples were re-analyzed on November 14, 1988.

EDWARD S. BABCOCK & SONS, INC.

*Laurence J. Chertok*

28 September 1988



Analytical Liquid Waste Systems, Inc.  
8616 Hamilton Avenue  
Huntington Beach, California 92646

Attention: Mr. Frank Visco

Dear Mr. Visco:

Enclosed are the results of the California Department of Health Services 96-Hour Acute Aquatic Toxicity Bioassay performed on the ALWS 1068 sample submitted on 16 September 1988. MBC utilized the latest California Department of Health Services procedures for testing the sample.

The ALWS treated sample submitted **PASSED** the 96-hour acute toxicity testing at all concentrations tested. Currently, Title 22, Section 66696, Article 11 of the California Administrative Code requires wastes to pass the 96-hour aquatic toxicity testing with greater than 50% survival at the 500 mg/l concentration for compliance.

**MBC Sample Number 8275 - Client Identification: ALWS 1068**

**PERCENT SURVIVORSHIP**

250 mg/l	100%
500 mg/l	100%
750 mg/l	100%

Utilizing the analytical data obtained from this test, the Department of Health Services can now evaluate the material for hazardous waste declassification. Should you have any questions regarding procedures or results of these tests, please contact me at your convenience.

Cordially,

MBC Applied Environmental Sciences

A handwritten signature in cursive script that reads "Michael J. Mancuso".

Michael J. Mancuso, Manager  
Technical Services

enclosure



DEPARTMENT OF HEALTH SERVICES ACUTE AQUATIC TOXICITY BIOASSAY

Job No.: 86420x

Client: ALUS

Date Sampled: 16 Sep 88

Date Started: 20 Sep 88

ABC Sample #: 8275

Client Identification: ALUS 81040

Time Sampled: -

Time Started: 0900 hrs

Aquar. & Test Conc.	0 Hours				24 Hours				48 Hours				72 Hours				96 Hours			
	pH	DO	Temp.	Live	pH	DO	Temp.	Live	pH	DO	Temp.	Live	pH	DO	Temp.	Live	pH	DO	Temp.	Live
Control	7.7	0.3	20.9	10	7.4	7.7	20.7	10	7.1	7.5	20.8	10	7.3	7.9	20.7	10	6.9	7.8	20.5	10
1 250 mg/l	8.0	0.3	20.9	10	7.7	8.0	20.7	10	7.4	7.6	20.8	10	7.5	7.9	20.6	10	7.1	7.9	20.3	10
2 250 mg/l	7.9	0.3	20.9	10	7.7	7.5	20.7	10	7.4	8.0	20.9	10	7.5	7.2	20.6	10	7.3	7.3	20.3	10
3 500 mg/l	8.0	0.5	20.9	10	7.8	7.6	20.6	10*	7.7	8.1	20.4	10*	7.8	7.2	20.4	10*	7.5	7.2	20.2	10*
4 500 mg/l	8.1	0.4	20.5	10	7.8	7.3	20.3	10*	7.7	8.0	20.4	10*	7.8	7.2	20.4	10*	7.6	7.2	20.1	10*
5 750 mg/l	8.2	0.5	20.5	10	8.0	7.4	20.2	10*	7.9	7.3	20.9	10*	7.8	7.4	21.2	10*	7.7	7.4	20.8	10*
6 750 mg/l	8.2	0.5	20.5	10	8.0	7.4	20.3	10*	7.8	7.3	20.8	10*	7.8	7.4	21.1	10*	7.7	7.5	20.5	10*

Species: Fathead minnow (*Pimephales promelas*) Avg. Length (mm) 38.7 Max. Length (mm) 48.0 Min. Length (mm) 34.0  
 No. of fish/replicate concentrations 10 Avg. Weight (gm) 0.81 Max. Weight (gm) 1.27 Min. Weight (g): 0.50  
 Volume of Test Solution: 15 liters Depth (cm): 20 cm Type Aeration: as per Polleini (1966)  
 Acclimatization: 17 days at 20°C Percent dead in acclimatization tank: <1% Dilution Water Source: Reconstituted softwater

Parameter	Control	750 mg/l	Control	750 mg/l
pH Range	6.9 - 8.2	76.0	Initial Alkalinity:	61.6
DO Range	0.3 - 8.1	45.6	Final Alkalinity:	73.0
Temp Run	20.1 - 21.2			

Note: \* 24, 48 and 72 hours very cloudy in 500 mg/l and 750 mg/l concentrations - could not obtain totally accurate number until fish screened out at 96 hours.  
 (Describe condition of fish during test especially any abnormalities in behavior & color).

RESULTS:  
 Concentration % Survival  
 Control 100%  
 250 mg/l 100%  
 500 mg/l 100%  
 750 mg/l 100%  
 LC 50 >750mg/l

Technician: *Martina Budde*

15 August 1989

**SUBSURFACE INVESTIGATION AT  
THE PREVIOUS LOCATION OF  
THREE UNDERGROUND STORAGE TANKS  
ORANGE COAST COLLEGE  
FARM MAINTENANCE FACILITY  
COSTA MESA, CALIFORNIA**

**Prepared for:**

**COAST COMMUNITY COLLEGE DISTRICT  
1370 Adams Avenue  
Costa Mesa, California 92626**

**Prepared by:**

**Applied Geosciences Inc.  
17321 Irvine Boulevard  
Tustin, California 92680  
(714) 838-8545**

**RECEIVED**

AUG 18 1989

HEALTH CARE AGENCY  
Environmental Health

**Project No. A891514**

## APPLIED GEOSCIENCES INC.

---

17321 Irvine Boulevard  
Tustin, California 92680  
(714) 838-8545  
FAX (714) 838-1401

15 August 1989  
A891514  
OCC-9

Coast Community College District  
1370 Adams Avenue  
Costa Mesa, California 92626

Attention: Mr. Eugene Harrie

SUBJECT: SUBSURFACE INVESTIGATION FOR COAST COMMUNITY COLLEGE  
DISTRICT, ORANGE COAST COLLEGE FARM MAINTENANCE  
FACILITY, COSTA MESA, CALIFORNIA

Gentlemen:

Applied Geosciences Inc. is pleased to submit three copies of this report in general accordance with our contract dated 4 April 1989.

We have enjoyed working with you on this investigation, and look forward to future projects with you.

If you have any questions regarding this report, please call either of us.

Very truly yours,  
APPLIED GEOSCIENCES INC.

*Jon R. Lovegreen*

JON R. LOVEGREEN  
Certified Engineering Geologist  
No. EG1164

cc: Ms. Lisa Casner - OCHCA (with 1 encl.)  
Mr. Steve Overman - CRWQCB (with 1 encl.)  
File A891514



**SUBSURFACE INVESTIGATION AT  
THE PREVIOUS LOCATION OF  
THREE UNDERGROUND STORAGE TANKS  
ORANGE COAST COLLEGE  
FARM MAINTENANCE FACILITY  
COSTA MESA, CALIFORNIA**

**1.0 INTRODUCTION**

Presented herein are the findings of the subsurface investigation performed by Applied Geosciences Inc. at the Orange Coast College Farm Maintenance Facility, located at 2701 Fairview Road in Costa Mesa, California (Figure 1).

The subsurface investigation was performed in general accordance with the 4 April 1989 contract between Applied Geosciences Inc. and Coast Community College District. In addition, the investigation was conducted in general accordance with the proposal prepared by Applied Geosciences Inc. dated 28 March 1989 (Applied Geosciences Inc., 1989).

**2.0 BACKGROUND**

In December of 1987, the permitting process began for the removal of three underground storage tanks (USTs) from an area near the southeast corner of the Farm Maintenance Facility at Orange Coast College in Costa Mesa, California. The three respective USTs were reported to contain: 1) diesel fuel, 2) weed oil (primarily crude oil), and 3) waste oil (with solvents added).

Upon removal of the USTs, the Orange County Health Care Agency (OCHCA) carried out an investigation that included the excavation and sampling of in situ soils that were apparently degraded by petroleum hydrocarbons. After completion of the OCHCA investigation, the UST excavation was backfilled and capped with concrete.

In February 1989, Coast Community College District requested that Applied Geosciences Inc. propose a site investigation relative to the area where the USTs were previously removed. The proposed investigation was to include a project history review based on the existing OCHCA project records.

The information contained within this section of the subsurface investigation report was taken from copies of the project file records provided by the OCHCA Records Section (OCHCA, 1989), Santa Ana, California. Quotations contained herein indicate words, phrases or statements that have been taken verbatim from the original records.

18 December 1987

The following activities were reported to have occurred on this date:

1. A representative of Pomona Valley Equipment Rentals filed an "Application For Facility Modification" permit with the OCHCA for the removal of three USTs in the "Farm Area" (Farm Maintenance Facility) of Orange Coast College.
2. Attached to this application was a hand-drawn sketch (plan view) of the "Farm Area" which indicated the following:
  - o The permit had been stamped "APPROVED" by the OCHCA Environmental Health, Waste Management Section (Plan #87-583); it was signed and dated 24 December 1987.
  - o Three USTs were located near the southeast corner of the "Equipment Shed Canopy."
  - o The USTs were shown to be side by side with the long axis of each tank oriented in an east-west direction.

Table 1 indicates how the tanks were labeled on the 18 December 1987 sketch.

TABLE 1

Tank A ....	1,000-gallon diesel fuel	(northernmost tank)
Tank B ....	250-gallon weed oil	(southernmost tank)
Tank C ....	250-gallon waste oil	(middle tank)

5 January 1988

The three USTs were removed by Pomona Valley Equipment Rentals, after which one soil sample was collected by an OCHCA representative. These activities were described by the OCHCA on a "Field Activity Description" form (which included a plan-view sketch) and on an "Underground Tank Cleanup Form," both of which were dated 5 January 1988.

A generalized subsurface cross section of the UST excavation, as well as soil sampling locations and chemical analyses results, are presented in Figures 3 and 4.

The following information is contained on these forms:

1. On the sketch, the tanks are located near the southeast corner of the "Equipment Shed"; they are side by side and oriented with the long axes in an east-west direction. The



tanks are labeled 1, 2 and 3 (from north to south), coinciding with Tanks A, C and B, respectively, of the previously discussed records (this information is found on the "Field Activity Description" form).

2. The tanks had been removed prior to the arrival of the OCHCA field representative (noted on both forms). It was noted on the "Field Activity Description" form that "Tank 3 contained weed oil which is apparently only crude oil; no pesticides, herbicides pr.". Also noted was that "Tank 2 waste oil & solvent tank: solvents were dump into tank..."
3. Soil Sample No. 1-C was collected approximately 1 foot below Tank 2 (assumed to be approximately 10 feet below ground surface [BGS]) in the center of the excavation, in a "black, discolored clay"; there was "evident discoloration to soil below center of excavation" (quotations taken from both forms).
4. The chain-of-custody record indicated that Sample No. 1-C was acquired on 5 January 1988 and was to be analyzed for total recoverable petroleum hydrocarbons (TRPH, by EPA Method No. 418.1) and for halogenated volatile organic compounds (HVOC, by EPA Method No. 8010).
5. Results of the analyses performed by Associated Laboratories of Orange, California, are shown in Table 2.

**TABLE 2**  
**(RESULTS IN MG/KG)**

SOIL SAMPLE NO. 1-C	
TRPH (418.1):	30,000                      HVOC (8010): ND
<b>NOTES:</b>	
1. ND = Not detected; detection limit = 0.002	
2. Mg/kg = Milligrams per kilogram	

25 January 1988

An "Activities Report" form from the OCHCA read, in part:

"3 tanks removed from fuel farm area: 1 tank contained waste oil - soil discolored around tank. Verbal results 418.1 30,000 ppm; 8010 ND."

1 February 1988

Mr. E.F. Harrie of Coast Community College District filed an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" form with the OCHCA. On that document, the "Farm School" was referenced as the location of a 250-gallon waste oil tank that was discovered to be leaking during its removal.

9 February 1988

A copy of an OCHCA chain-of-custody form dated 9 February 1988 was attached to a copy of laboratory results dated 17 February 1988. Associated Laboratories performed the chemical analyses for Pomona Valley Equipment Rentals. Both documents contained essentially the same information, as discussed below.

1. Two soil samples were collected at the "Fuel Farm" (assumed to mean the Farm Maintenance Facility) of Orange Coast College. They were labeled as sample "#2" and sample "#3"; neither the depths nor the locations from which the samples were collected were indicated on these records.
2. The samples were run for TRPH (EPA Method No. 418.1) and for benzene, toluene, ethylbenzene and total xylenes (BTEX, EPA Method No. 8020). Laboratory results for these two samples are given in Table 3 below.
3. Neither a site sketch nor the standard OCHCA forms describing field activities were included in the records provided by the OCHCA Records Section for this date.

TABLE 3  
(RESULTS IN MG/KG)

Sample No.	TRPH (418.1)	B/T/E/X (8020)
#2	15,200	3.6/8.0/ND/61.5
#3	760	ND/ND/ND/ND

**NOTES:**

- 1) Detection limits for B/T/E/X: 0.05/0.05/0.1/0.1
- 2) ND = Not detected
- 3) Mg/kg = Milligrams per kilogram

17 March 1988

Excavation and sampling of degraded soils resumed in the area where the three USTs had previously been removed. The following activities were described by an OCHCA representative on standard OCHCA field forms that included a sketch (not to scale) illustrating the project area.

1. The sketch shows an excavation near the southeast corner of the "Workshop"; in it, three USTs are oriented as in previous records; the position of each UST is illustrated by dashed lines (found on the "Field Activity Description" form).
2. Soil sample "No. 5" was acquired with a backhoe in a "gray-green micaceous silty fine sand" (noted on the same form).
3. The approximate area from which the sample was collected (located on the sketch) is in the center of the excavation; the text portion of the field record describes Sample "No. 5" as having been "...taken from -16 ft below grade at the approximate center of excavation (closer to north end of excavation)."
4. The "soil has a distinct diesel odor"; the reading on the gastech meter was "> 500 ppm"; the "sidewalls appear "clean"; mainly bottom of excavation appears contaminated," (quotations taken from the "Field Activity Description" form).
5. The records indicate that the soil sample was "...sent to Associated Labs and analyzed using EPA 8015/8020 for diesel contamination." However, no evidence of analytical results from samples collected on 17 March could be found in the file records provided by the OCHCA Records Section, (the quoted information was found on in the "Underground Tank Cleanup Form").

14 April 1988

Excavation and sampling of degraded soils again resumed in the area where the three USTs had been removed. The OCHCA records for work performed on this date include: 1) a description of field activities and a sketch (not to scale) of the project area, 2) a blank form that is used to document UST removal, 3) a chain-of-custody record, and 4) results of chemical analyses from Associated Laboratories. The following information was obtained from these records (quotations are taken from the "Field Activity Description" form, unless otherwise noted).

1. An excavation is located (on the sketch) next to the southeast corner of the "Maintenance Shop"; the perimeter of the digging is labeled as "15'" in a north-south direction



by "approximately 13'" in an east-west direction. The written field records indicate that it was "Excavated to approximately 25' depth."

2. Records also indicate that there was a "slight odor of solvent in air above pit." Readings on the gastech meter were "0 to very low."
3. The sketch apparently shows soil sample "#1" to be located in the extreme south-central portion of the excavation at a depth of "25'." A gastech meter reading of "20 ppm" is apparently indicated for soil taken from this depth.  
  
Sample "#2" is shown to be located in the extreme north-central part of the excavation, also at a depth of "25'." A gastech reading from this soil is shown to be "0 ppm."
4. The chain-of-custody record indicates that the samples were to be analyzed as follows: "Analyze for waste oil, gasoline and diesel. If the TPH > 100 ppm, run EPA 8010."
5. Results of laboratory analyses for the two soil samples are summarized in Table 4.

**TABLE 4**  
**(RESULTS IN MG/KG)**

Sample No.	TRPH (418.1)	TPH (8015)	B/T/E/X (8020)	HVOC (8010)
#1	4310	882	ND	ND
#2	ND	ND	ND	NA

**NOTES:**

- 1) ND = Not detected
- 2) NA = Not analyzed by this method
- 3) Detection limits:  
 TRPH ..... 10  
 TPH ..... 10  
 B/T/E/X ... 0.05/0.05/0.1/0.1  
 HVOC ..... 0.01
- 4) Mg/kg = Milligrams per kilogram

25 October 1988 To 25 April 1989

The ensuing information was derived from the OCHCA "Activities Report" (communication logs) for this project. Words and phrases appearing within quotation marks have been taken verbatim from the records.

- 10/25/88 Based upon current information and laboratory results, the site assessment was decided to be incomplete.
- 10/25/88 The excavation where the three USTs were previously removed was overexcavated, backfilled with "clean fill" and "cemented over."
- 12/22/88 The project history of soil sampling and laboratory results was reviewed in an attempt to clarify what may remain beyond existing limits of the excavation.
- 01/04/89 Based upon the "last report received 10-13-88 ... we still need to know extent (of) contam."
- 04/25/89 Representatives of Applied Geosciences Inc. became actively involved in the project.

### 3.0 OBJECTIVE

The objective of the subsurface investigation conducted by Applied Geosciences Inc. was to assess the vertical extent and concentration of petroleum hydrocarbons and aromatic VOCs in the soil in the reported area where three USTs were previously removed.

### 4.0 SCOPE OF INVESTIGATION

The scope of the subsurface investigation included the following:

- Task 1. Preparation and implementation of a health and safety plan.
- Task 2. Review of OCHCA file records with regards to previous soil sampling locations and results of laboratory analyses.
- Task 3. Removal of a 12-inch diameter, 6-inch thick concrete core; the drilling of one soil boring to a depth of approximately 33 feet BGS; collection of three soil samples; backfill and surface patch of the boring.
- Task 4. Laboratory chemical analyses of all of the soil samples for TRPH in general accordance with EPA Method No. 418.1 and for BTXE in general accordance with EPA Method No. 8020; analysis of one of the soil samples for total petroleum hydrocarbons (TPH) in general accordance with EPA Method No. 8015 (modified).
- Task 5. Data evaluation and preparation of this report.

## 5.0 FIELD INVESTIGATION

### 5.1 Soil Boring Location and Installation

#### 5.1.1 Boring Location

The location of the recently drilled soil boring was based on information provided by the OCHCA Records Section. The OCHCA field records dated 14 April 1988 were judged to be particularly useful in assessing the approximate location of the most recent and deepest excavation-bottom-sample impacted with petroleum hydrocarbons. The "Activities Report" of 25 January 1988 and the UST leak document of 1 February 1988, discussed in Section 2.0, were also used as guidelines for boring placement prior to the actual field work.

As was noted in the 14 April 1988 information discussed in Section 2.0, the UST excavation was reported to have reached a maximum depth of 25 feet BGS on that date. It was also reported that soil sample "#1" was collected at this depth in the south-central portion of the excavation. Of the two soil samples collected on that date, sample "#1" had the highest reported concentration of petroleum hydrocarbons.

Based on this and other information provided in the records, the location of the recently drilled soil boring was selected to be positioned vertically over the approximate vicinity where soil sample "#1" was collected on 14 April 1988. The location of the boring, designated as OCC1, is presented in Figure 2.

#### 5.1.2 Boring Installation

On 22 June 1989, an attempt was made to drill one soil boring to approximately 25 to 30 feet BGS with a trailer-mounted drilling rig equipped with an approximate 8-inch outside diameter (OD) hollow stem auger.

A total depth of approximately 22 feet BGS was reached on that day before the drilling rig malfunctioned and had to be removed from the project site. The boring was temporarily covered and the area enclosed with barricades and caution tape.

On 28 June 1989, the drilling of boring OCC1 was completed with a truck-mounted drilling rig equipped with approximately 8- and 11-inch OD hollow stem auger. The boring was drilled to a total depth of approximately 33 feet BGS.

Relatively undisturbed soil samples were obtained in the boring at 20 feet BGS on the first day of drilling activities, and at 25 and 31.5 feet BGS on the second day with a 2-inch inside diameter (ID) split-barrel sampler. Furthermore, a standard penetrometer (SPT) sampler was used to obtain relatively undisturbed soil (from approximately 1.5- to 2-foot intervals) between the collected samples mentioned above.

The SPT samples provided additional lithologic characteristics of soil between those samples collected for analysis. A generalized subsurface cross section of the UST excavation, as well as soil sampling locations and associated chemical analyses results, are depicted in Figures 3 and 4.

Results of chemical analyses of selected soil samples are also presented in Table 5 of Section 7.0. In addition, a headspace analysis for volatile aromatics was conducted during drilling operations on soil from each sampler. No detectable headspace readings were measured in any of the samples. Procedures for the collection of soil samples and headspace analysis are discussed in more detail in Appendix A.

Upon the completion of drilling and soil sampling of boring OCC1, the boring was backfilled in the following manner: 1) from 33 to approximately 10.5 feet BGS with activated bentonite chips, 2) from 10.5 to approximately 2 feet BGS with a mixture of #3 sand and bentonite chips at a 3:1 ratio, 3) from 2 to approximately 0.5 feet BGS with activated bentonite chips and 4) from 0.5 feet to the surface with the previously removed concrete core; asphaltic concrete (cold patch) was placed in the sawcut between the concrete core and the remainder of the concrete pad.

## 5.2 Soil Observations

Notes taken on the soil types encountered in the soil boring have been incorporated into the soil description presented in Section 6.1. In addition, olfactory observations were made in the field regarding the presence of petroleum hydrocarbons in the auger cuttings (soil brought to the surface during drilling). No olfactory evidence of hydrocarbon odors was noted.

## 6.0 SUBSURFACE CONDITIONS

### 6.1 Soil Lithology

Predominant soil types encountered in the soil boring (as interpreted during drilling operations), include gravels, sands, silts and clays. These soil types were observed to be distributed as described below.

In general, a sandy gravel was encountered in the soil cuttings from approximately the upper 16 feet of the boring. This unit is interpreted to be artificial fill material used to backfill the UST excavation. Beneath the artificial fill, a fine sandy clay containing some gravel was encountered in the cuttings to a depth of approximately 20 feet BGS. This soil interval is construed to be a zone of mixing where the bottom of the digging was overexcavated, prior to placement of the fill (documented on the OCHCA "Activities Report" dated 25 October 1988). Below this sandy clay (at 20 feet BGS), a relatively impermeable clay unit was encountered in the samples to approximately 22 feet BGS. This clay unit appeared to be undisturbed native soil, in our judgment.



Beneath the clay unit, a series of fine to coarse sands with occasional interbeds of silty fine sand was encountered between approximately 22 and 33 feet BGS. A more detailed description of the soils encountered during this investigation is presented on the soil boring log in Appendix B.

## 6.2 Groundwater Occurrence

The shallow groundwater table was not encountered during the course of this subsurface investigation. Furthermore, the amount of moisture observed in the soil units encountered during drilling operations, described on boring log OCC1, was "dry to damp."

In addition, the OCHCA project records for 14 April 1988 indicate that groundwater was not observed during the excavation and sampling of subsurface soils on that day.

## 7.0 CHEMICAL ANALYSES RESULTS

Vadose zone soil samples collected as described in Section 5.1.2 were analyzed by Truesdail Laboratories Inc., a California state-certified hazardous waste laboratory located in Tustin, California.

A total of three soil samples were collected during the subsurface drilling program. The three samples were analyzed for TRPH in general accordance with EPA Method No. 418.1 and for BTXE in general accordance with EPA Method No. 8020. One of the three soil samples was analyzed for TPH in general accordance with EPA Method No. 8015 (modified).

One of the samples analyzed for TRPH was found to contain 3.2 mg/kg by EPA Method 418.1. Otherwise, laboratory results for all of the samples analyzed by the three EPA methods discussed above (where applicable) contained non-detectable quantities of the respective components analyzed for, at the detection limits noted. Laboratory results of chemical analyses are summarized in Table 5. The laboratory report is presented in Appendix C.

TABLE 5  
(RESULTS IN MG/KG)

Sample No.	TRPH (418.1)	TPH (8015)	B/T/X/E (8020)
OCC1-1	ND	NA	ND
OCC1-2	ND	ND	ND
OCC1-3	3.2	NA	ND

**NOTES TO TABLE 5:**

- 1) ND = Not detected
- 2) NA = Not analyzed by this method
- 3) Detection limits:  
TRPH ..... 1.61  
TPH ..... 10.0  
B/T/X/E ... 0.005/0.005/0.005/0.005
- 4) Mg/kg = Milligrams per kilogram

**8.0 DISCUSSION**

Three USTs were removed from an area near the southeast corner of the Farm Maintenance Facility at Orange Coast College in Costa Mesa, California. The OCHCA performed an investigation which included the excavation and sampling of soils that were apparently degraded by petroleum hydrocarbons. Information pertaining to this investigation was provided to Applied Geosciences Inc. by the OCHCA records section (OCHCA, 1989). These records were observed to be incomplete regarding: 1) field activity descriptions, 2) measurements for locating the USTs with respect to existing site features and 3) results of laboratory analyses.

Applied Geosciences Inc. carried out a subsurface investigation in June 1989 based on information contained in the OCHCA records (OCHCA, 1989) and on visits to the site by field personnel. There were primarily two factors used to determine the location of soil boring OCC1 for the investigation.

One factor used to select the location of soil boring OCC1 was the observed presence of a relatively "new" concrete slab in the area where the USTs were previously removed. The "new" concrete slab apparently indicated the approximate location of the UST excavation. The slab measured approximately 23 feet in a north-south direction by 19 feet in an east-west direction. A sketch from the OCHCA records showed the UST excavation to be approximately 15 feet (north-south) by 13 feet (east-west). With no source of information to indicate otherwise, the lateral limits of the UST excavation were assumed to be centrally located within the perimeter of the "new" slab (Figure 2).

A second factor used to determine the location of the soil boring was based on information contained in the OCHCA records (OCHCA, 1989). That information is more fully discussed in Item 5.1.1 of Section 5.0 of this report. To summarize that section, the records indicated that the approximate location of the most recent and deepest excavation-bottom-sample impacted with petroleum hydrocarbons was collected from the south-central portion of the UST excavation. The OCHCA records did not contain information regarding the actual (measured) locations of soil samples relative to existing site features near the UST excavation.

Based on the two factors discussed above and our professional judgment, there is a high likelihood that the soil boring was positioned vertically over the approximate location in the UST excavation where previous soil sampling indicated the presence of soils that were degraded by petroleum hydrocarbons.

Results of chemical analyses for soil samples collected by the OCHCA on 14 April 1988 indicated that soils degraded by petroleum hydrocarbons (TRPH by EPA Method No. 418.1 and TPH by EPA Method No. 8015 [modified]) existed in the south-central portion of the UST excavation at a depth of 25 feet BGS. However, laboratory results for soil samples collected from approximately the same area by Applied Geosciences Inc. on 22 June and 28 June 1989 indicated that no significant concentrations of these petroleum hydrocarbons existed in the samples analyzed, to a depth of approximately 33 feet BGS.

At this time, it is not clear how much of the existing soil in the area of the UST excavation is degraded by petroleum hydrocarbons, nor is it clear to what degree the soil is degraded. Applied Geosciences Inc. recommends in Section 10.0 of this report that further assessment of this area be carried out with the use of drilling and soil sampling equipment and a mobile laboratory.

If results of chemical analyses for selected soil samples indicate that neither petroleum hydrocarbons nor aromatic VOCs are present in significant amounts in future soil borings (and upon consent of the OCHCA), Applied Geosciences Inc. would be of the opinion that further subsurface assessment in this particular area would not be necessary.

## 9.0 CONCLUSIONS

The following conclusions are based on data obtained during the subsurface investigation, current regulatory guidelines, a review of the OCHCA project records and our professional judgment:

- o No significant concentrations of total recoverable petroleum hydrocarbons (TRPH, in general accordance with EPA Method No. 418.1), total petroleum hydrocarbons (TPH, in general accordance with EPA Method No. 8015 [modified]) or benzene, toluene, total xylenes or ethylbenzene (BTXE, in general accordance with EPA Method No. 8020) were detected in the soil samples collected and analyzed during the Applied Geosciences Inc. subsurface investigation.
- o Previous investigative work by the OCHCA indicated that concentrations of TRPH and TPH exceeded 4300 mg/kg and 800 mg/kg, respectively. At this time, it is not clear how much of the existing soil in the area of the UST excavation is degraded by petroleum hydrocarbons, nor is it clear to what degree the soil is degraded.

- o Groundwater was not encountered during the course of either the OCHCA investigation or the Applied Geosciences Inc. subsurface investigation.

#### 10.0 RECOMMENDATIONS

The recommendations presented in this section are based on data obtained during the subsurface investigation, current regulatory guidelines, a review of the OCHCA project records and our professional judgment:

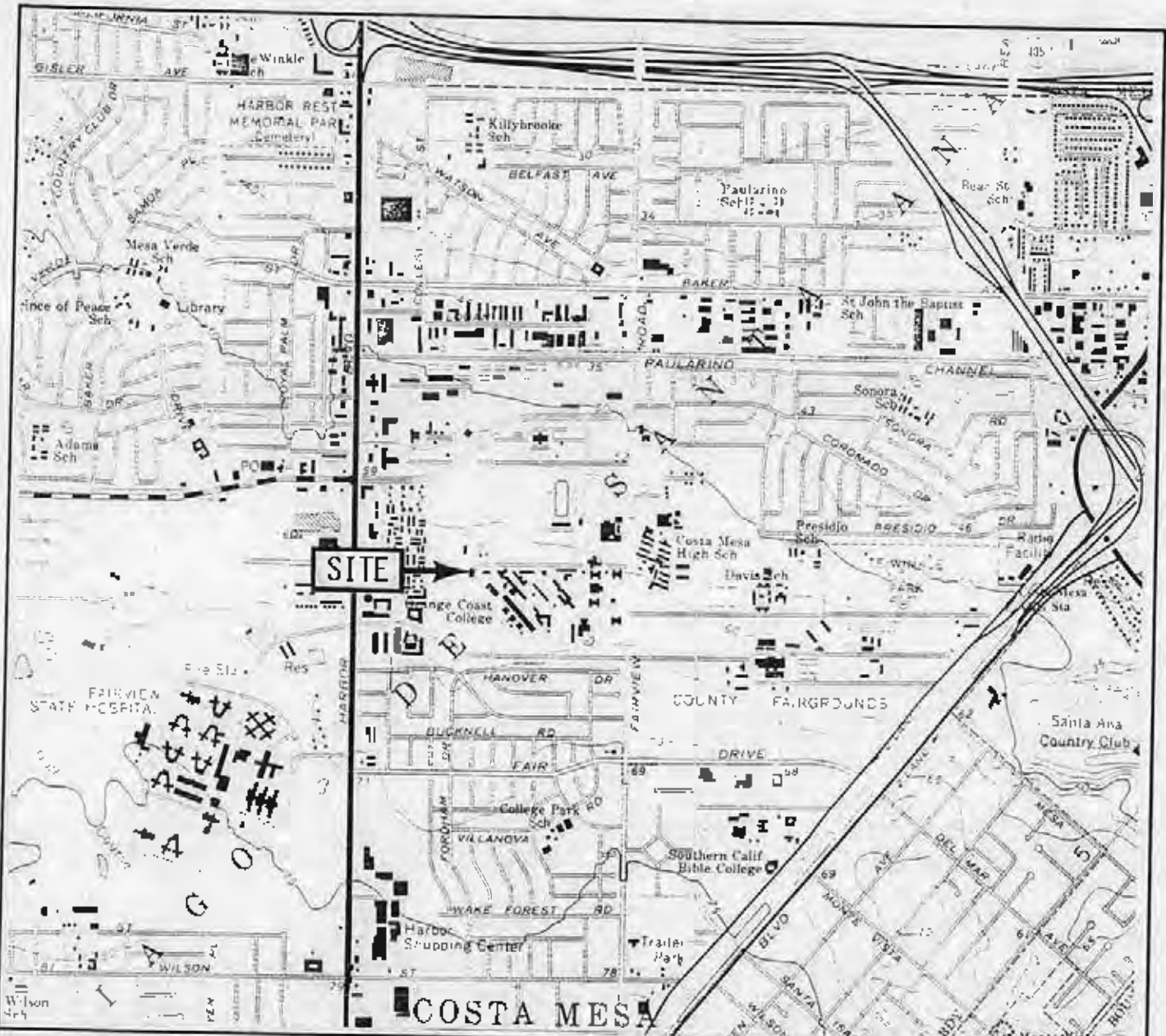
- o Use a bucket-auger drilling rig to further assess the extent of soils degraded by petroleum hydrocarbons in the area of the UST excavation; and
- o Collect and analyze soil samples for total recoverable petroleum hydrocarbons (TRPH, in general accordance with EPA Method No. 418.1), total petroleum hydrocarbons (TPH, in general accordance with EPA Method No. 8015 [modified]) and benzene, toluene, total xylenes and ethylbenzene (BTXE, in general accordance with EPA Method No. 8020) using an on-site mobile laboratory.



## 11.0 REFERENCES

Applied Geosciences Inc., 1989, Proposal to drill and sample one soil boring in the vicinity of removed USTs, Orange Coast College, Costa Mesa, California: Unpublished report prepared by Applied Geosciences Inc., Tustin, California; prepared for Coast Community College District, dated 3 April 1989.

Orange County Health Care Agency (OCHCA), 1989, project files.



**NOTE:**  
 BASE MAP IS TAKEN FROM USGS NEWPORT BEACH  
 QUADRANGLE, CALIFORNIA-ORANGE CO.,  
 7.5 MINUTE SERIES (TOPOGRAPHIC), 1965,  
 PHOTOREVISED 1981

**APPLIED GEOSCIENCES INC.**  
 Engineering Geology and Hazardous Materials Consultants



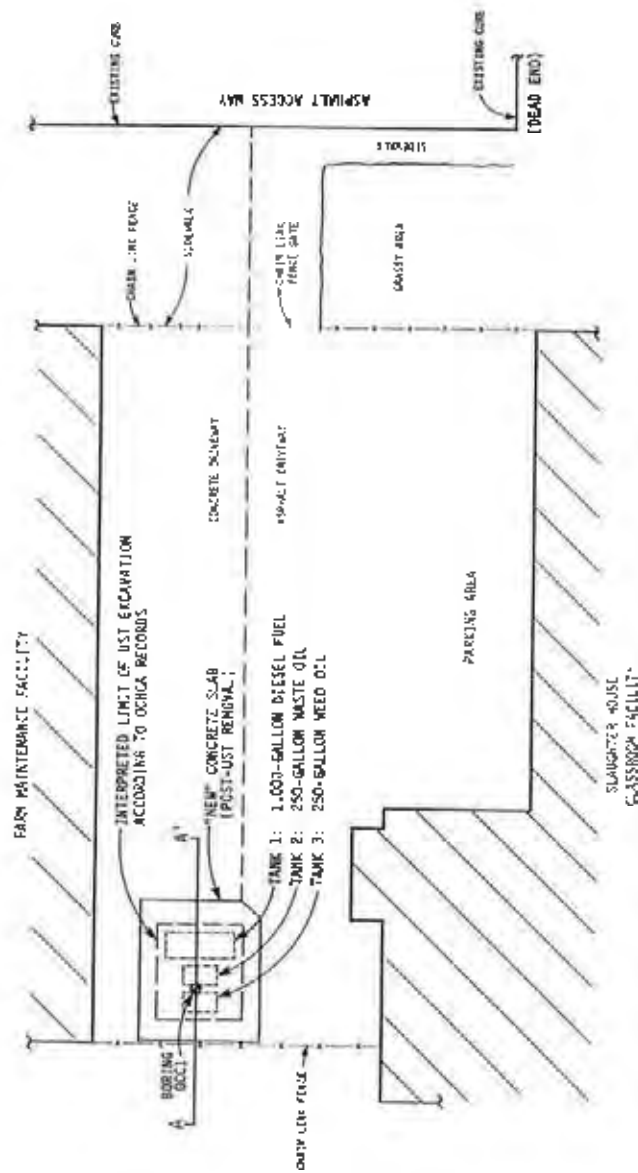
**SITE VICINITY MAP**

PROJECT NUMBER A891514

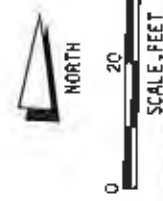
FIGURE 1

**EXPLANATION**

**A-A' CROSS SECTION LOCATION AND DESIGNATION**



- NOTES:**
- 1) SITE PLAN CONSTRUCTED FROM FIELD MEASUREMENTS TAKEN BY APPLIED SCIENCES INC. PERSONNEL.
  - 2) ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
  - 3) FORMER UNDERGROUND STORAGE TANK (UST) EXCAVATION LIPT BASED UPON ORANGE COUNTY HEALTH CARE AGENCY (OCHCA) RECORDS.

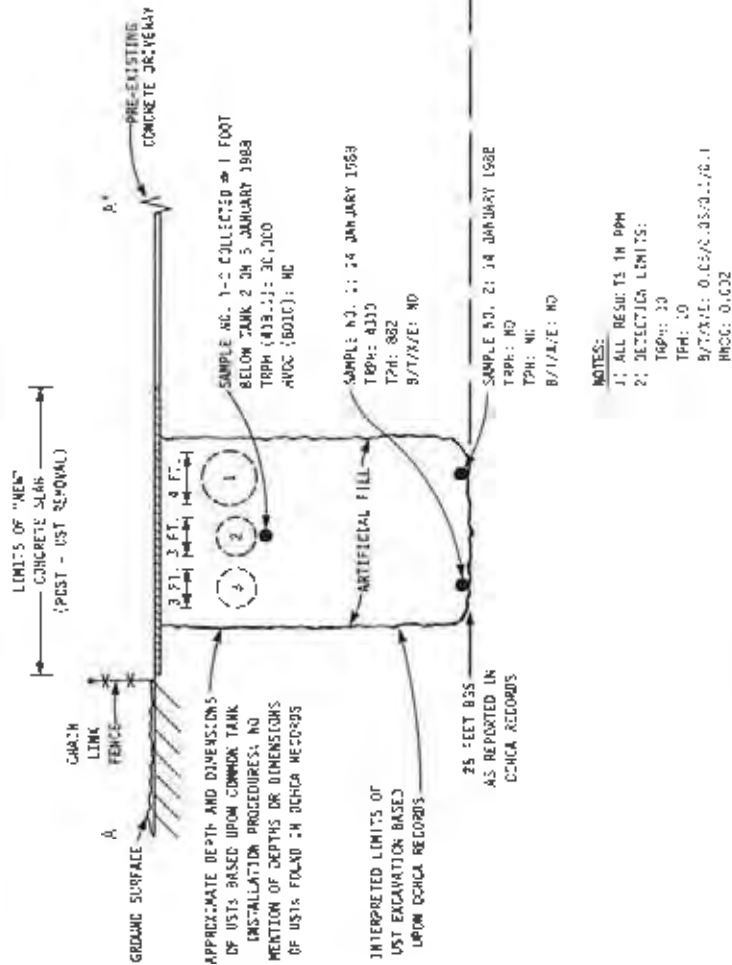


**APPLIED GEOSCIENCES INC.**  
*Engineering Geology and Hazardous Materials Containment*

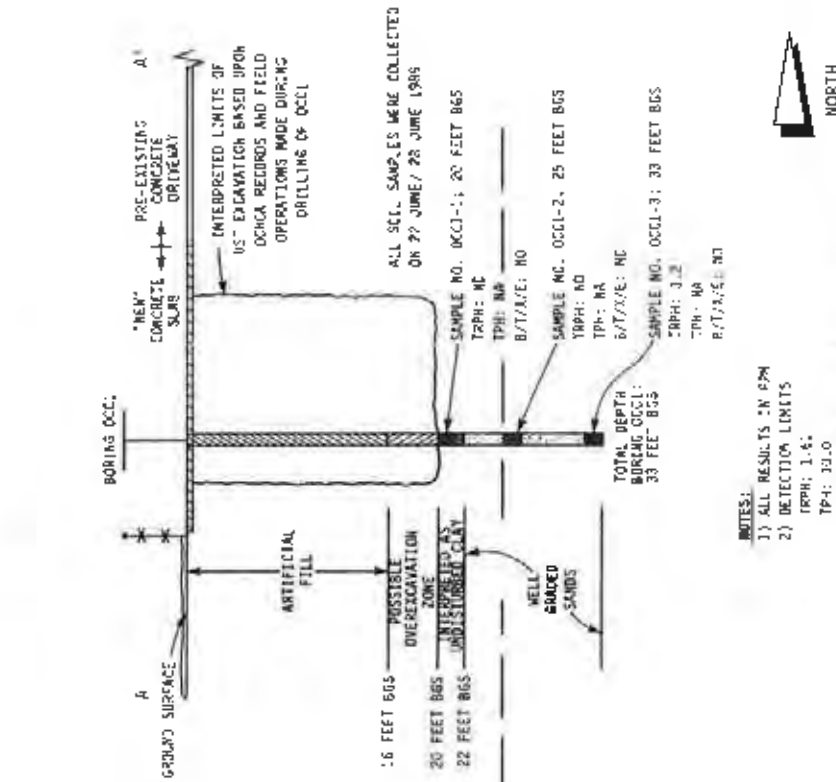
ORANGE COAST COLLEGE  
 SITE PLAN

PROJECT NUMBER A891514      FIGURE 2

**APPROXIMATE SOIL SAMPLE LOCATIONS AND  
CHEMICAL ANALYSES RESULTS BASED  
UPON OCHCA RECORDS**



**CURRENT SOIL SAMPLE LOCATIONS  
AND CHEMICAL ANALYSES RESULTS**



- ADDITIONAL NOTES:**
- CROSS SECTIONS CONSTRUCTED FROM FIELD MEASUREMENTS AND OCHCA RECORDS
  - ALL FEATURE LOCATIONS AND DIMENSIONS ARE APPROXIMATE
  - BGS = BELOW GROUND SURFACE IN FEET
  - UST = UNDERGROUND STORAGE TANK
  - OCHCA = ORANGE COUNTY HEALTH CARE AGENCY
  - PPM = PART PER MILLION
  - NA = NOT ANALYZED BY THIS METHOD
  - MC = NOT DETECTED

- TRPH - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS IN GENERAL ACCORDANCE WITH EPA METHOD NO. 418.1  
 HMO - HALOGENATED VOLATILE ORGANIC COMPOUNDS IN GENERAL ACCORDANCE WITH EPA METHOD NO. 801.2  
 TPH - TOTAL PETROLEUM HYDROCARBONS IN GENERAL ACCORDANCE WITH EPA METHOD NO. 801.5  
 B/T/X/E - BENZENE, TOLUENE, TOTAL XYLENES, ETHYL BENZENE IN GENERAL ACCORDANCE WITH EPA METHOD NO. 302.2

**NOTES:**  
 1) ALL RESULTS IN PPM  
 2) DETECTION LIMITS:  
 TRPH: 1-6;  
 TPH: 33.0  
 B/T/X/E: 0.05%  
 HMO: 0.005%  
 HMO: 0.005%



NORTH

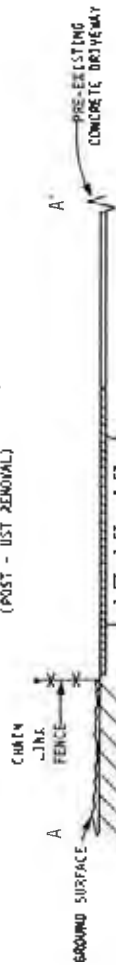
0 10 20  
SCALE, FEET



ORANGE COAST COLLEGE  
 SOIL SAMPLING LOCATIONS  
 WITH CHEMICAL ANALYSES  
 RESULTS

**CROSS SECTION BASED UPON  
DCHCA RECORDS**

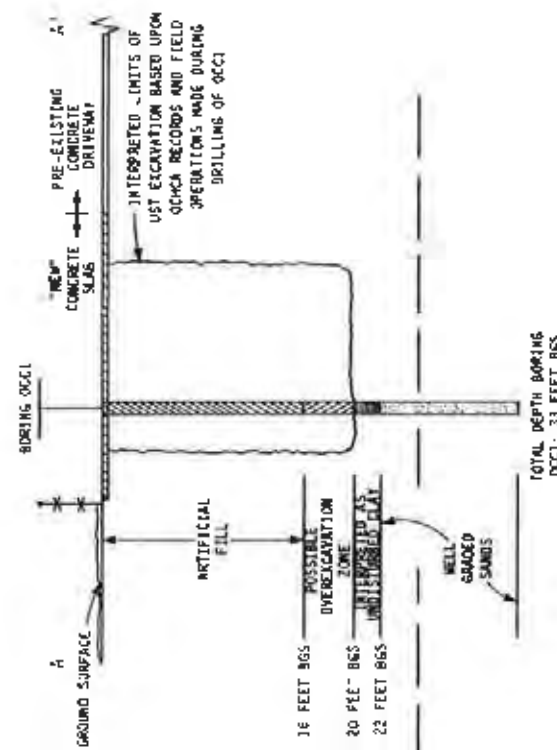
LIMITS OF "NEW"  
CONCRETE SLAB  
(POST - UST REMOVAL)



APPROXIMATE DEPTH AND DIMENSIONS  
OF USTs BASED UPON COMMON TANK  
INSTALLATION PROCEDURES; NO  
MENTION OF DEPTHS OR DIMENSIONS  
OF USTs FOUND IN DCHCA RECORDS

INTERPRETED LIMITS OF  
UST EXCAVATION BASED  
UPON DCHCA RECORDS

25 FEET BGS  
AS REPORTED IN  
DCHCA RECORDS



TOTAL DEPTH BORING  
DCC1: 23 FEET BGS

**CROSS SECTION BASED UPON  
APPLIED GEOSCIENCES INC.  
SITE INVESTIGATION**

- NOTES:**
- 1) CROSS SECTIONS CONSTRUCTED FROM FIELD MEASUREMENTS AND DCHCA RECORDS
  - 2) ALL FEATURE LOCATIONS AND DIMENSIONS ARE APPROXIMATE
  - 3) BGS = BELOW GROUND SURFACE IN FEET
  - 4) UST = UNDERGROUND STORAGE TANK
  - 5) DCHCA = ORANGE COUNTY HEALTH CARE AGENCY



**APPENDIX A**

**SOIL SAMPLING AND HEADSPACE ANALYSIS PROCEDURES**



## APPENDIX A

### SOIL SAMPLING AND HEADSPACE ANALYSIS PROCEDURES

#### A.1 Soil Sampling Procedures


1. Drilling was conducted using a drilling rig equipped with 7-inch, 8-inch and 11-inch outside diameter hollow stem augers. All augers were steam cleaned prior to use.
2. Soil samples were collected with a split barrel sampler lined with pre-washed brass and/or stainless steel tubes. Each sampler was driven approximately 18 inches with a 140-pound hammer dropping approximately 30 inches per blow. The number of blows required to drive the sampler each six inches was then recorded.
3. Either the lowermost or second lowermost tube from each sampler was removed from the sampler and capped on each end with heavy-duty aluminum foil and polyethylene end caps. Edges of the end caps were secured with electrical tape.
4. Samples were labeled with boring number, date and project number, and then placed in a plastic Ziploc bag.
5. Samples were stored in an ice chest cooled with ice to approximately 40 degrees Fahrenheit prior to transportation to a California Department of Health Services state-certified hazardous waste laboratory under chain-of-custody procedures.
6. Sampling equipment was washed between samples with a solution of water and trisodium phosphate, rinsed twice with tap water and finally rinsed with deionized water.








#### A.2 Headspace Analytical Procedures

1. Soil at each sampled interval was extracted from the shoe of the sampler for headspace analysis and placed in a plastic Ziploc bag. The bag was filled with approximately 50 grams of soil and closed.
2. After agitating the soil sample and then allowing it to sit for approximately three to four minutes, the probe of a portable organic vapor meter (OVM) was inserted through an opening in the bag and a reading was taken in the headspace.
3. The OVM used was an Hnu Systems, Inc. Model PI 101 photoionizer equipped with a 10.2 eV probe calibrated to 58 ppm<sub>v</sub> benzene.
4. The detection range reported by the manufacturer is 0.1 ppm<sub>v</sub> to 2,000 ppm<sub>v</sub> for benzene, and is similar for other volatile organic (hydrocarbon) compounds.

**APPENDIX B**  
**BORING LOG**




PROJECT ▶ ORANGE COAST COLLEGE		 <b>APPLIED GEOSCIENCES INC.</b>	PROJECT NUMBER ▶ A891514	
LOGGED BY ▶ CRAIG McCAMMACK			START DATE ▶ 22 JUNE 1989	
CHECKED BY ▶ JON LOVEGREEN			COMPLETION DATE ▶ 28 JUNE 1989	
GROUND SURFACE ELEVATION DATUM (FT-MSL) ▶ 62		DRILLING COMPANY ▶ WESTECH ENVIRONMENTAL		
DRILLING EQUIPMENT ▶ CME 45 WITH 8-INCH O.D. HSA; MOBILE B-61 WITH 7½-INCH AND 11-INCH O.D. HSA				
BORING DEPTH (FT) ▶ 33	WELL DEPTH (FT) ▶ NA	WATER DEPTH (FT)-INITIAL: NA    COMPLETION: NA		
WELL MATERIALS ▶ NA		WELL SCREEN INTERVAL (FT) ▶ NA		
WELL CASING ELEVATION (FT-MSL) ▶ NA		OVM/OVA ▶ HNU WITH 10.2 EV PROBE		
BACKFILL MATERIAL ▶ 33-10.5FT BENTONITE; 10.5-2FT 3:1 RATIO SAND & BENTONITE; 2-0.5FT BENTONITE; 0.5-0FT CONCRETE				

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	OVM/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
0	CONCRETE								ARTIFICIAL FILL
0-16	Gray-brown, damp, Sandy GRAVEL (GM); well graded; some silt								
16-20	Gray-brown, damp, fine Sandy CLAY (CL); minor fine gravel; interpreted as overexcavation zone								Became harder to drill at 16 feet
20-23	Pale greenish-gray, damp, CLAY (CL); stiff to very stiff; orange mottling; caliche veins			32	<1		X	OCC1-1	No hydrocarbon odor or staining
23-25	Reddish-brown, dry, medium to coarse SAND (SM); trace mica; poorly consolidated								
25-28	Becomes light orange-brown, very dense, fine to coarse; trace silt			>50	<1		X	OCC1-2	No hydrocarbon odor or staining
28-30	Interbedded orange-brown, dry, Silty fine SAND (SM) and tan-brown, dry coarse SAND (SP); sand is poorly consolidated								

PROJECT ▷ ORANGE COAST COLLEGE

PROJECT NUMBER ▷ A891514

DEPTH (FT)	LITHOLOGY		WELL	BLOW COUNT	DYN/OVA (PPM)	SAMPLE			COMMENTS
	DESCRIPTION	GRAPHIC				RECOVERY %	TYPE	NUMBER	
30	Tan-brown, dry, very dense, fine to coarse SAND (SW); trace silt			37				NR	Sample not recovered No hydrocarbon odor or staining
				>50	<1			OCC1-3	
	Bottom of boring at 33 feet								
35									
40									
45									
50									
55									
60									
65									
70									

**APPENDIX C**

**LABORATORY CHEMICAL ANALYSES REPORT AND  
CHAIN-OF-CUSTODY RECORD**

# REPORT

## TRUESDAIL LABORATORIES, INC.



14201 FRANKLIN AVENUE  
TUSTIN, CALIFORNIA 92680  
AREA CODE 714 • 730-6239  
AREA CODE 213 • 225-1564  
CABLE: TRU ELABS  
July 12, 1989

CHEMISTS • MICROBIOLOGISTS • ENGINEERS  
RESEARCH — DEVELOPMENT — TESTING

CLIENT **Applied Geoscience, Inc.**  
17321 Irvine Boulevard  
Tustin, California 92680  
Attention: Craig A. McCormick

DATE June 30, 1989  
RECEIVED

SAMPLE **Three soil**  
Project: Orange Coast College  
Project No.: A891514 Task 3

LABORATORY NO. 34040

INVESTIGATION  
**Analysis as requested**

### RESULTS

#### CONCENTRATION, MG/KG

<u>Parameter</u>	<u>OCC1-1-1</u> <u>6/30/89</u>	<u>OCC1-2-1</u> <u>6/30/89</u>	<u>OCC1-3-2</u> <u>6/30/89</u>
Total Petroleum Hydrocarbons (EPA 418.1)	<1.61	<1.61	3.2
Total Petroleum Hydrocarbons (EPA 8015 Modified)	--	<10.0	--
Benzene (8020)	<0.005	<0.005	<0.005
Toluene (8020)	<0.005	<0.005	<0.005
Xylenes (8020)	<0.005	<0.005	<0.005
Ethylbenzene (8020)	<0.005	<0.005	<0.005

Respectfully submitted,  
TRUESDAIL LABORATORIES, INC.

Gregory W. Everett  
Project Manager





Copy No. \_\_\_\_\_

16 March 1990

**FOLLOW-UP PHASE II SOIL INVESTIGATION  
IN THE VICINITY OF REMOVED  
UNDERGROUND STORAGE TANKS  
FARM MAINTENANCE FACILITY  
ORANGE COAST COLLEGE  
COSTA MESA, CALIFORNIA**

**Prepared for:**

**COAST COMMUNITY COLLEGE DISTRICT  
1370 Adams Avenue  
Costa Mesa, California 92626**

**Prepared by:**

**APPLIED GEOSCIENCES INC.  
17321 Irvine Boulevard  
Tustin, California 92680  
(714) 838-8545**

**Project No. A891514A**

# APPLIED GEOSCIENCES INC.

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17321 Irvine Boulevard  
Tustin, California 92680  
(714) 838-8545  
FAX (714) 838-1401

16 March 1990  
A891514A  
OCCA-3

Coast Community College District  
1370 Adams Avenue  
Costa Mesa, California 92626

Attention: Mr. Eugene Harrie

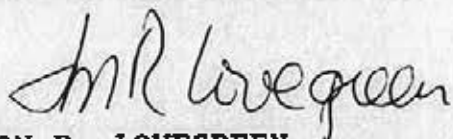
SUBJECT: FOLLOW-UP PHASE II SOIL INVESTIGATION IN THE VICINITY  
OF REMOVED UNDERGROUND STORAGE TANKS FARM MAINTENANCE  
FACILITY, ORANGE COAST COLLEGE, COSTA MESA,  
CALIFORNIA

Dear Mr. Harrie:

Applied Geosciences Inc. is pleased to submit two copies of this referenced report in general accordance with our signed contract of 27 November 1989 between Coast Community College District and Applied Geosciences Inc. Based on the results we recommend that the Orange County Health Care Agency be requested to issue a closure permit for the former underground storage tanks discussed in the report.

We appreciate the opportunity to work with you; if you have any questions regarding this report, please contact us at your convenience.

Very truly yours,  
APPLIED GEOSCIENCES INC.



JON R. LOVEGREEN  
California Certified Engineering  
Geologist, No. EG1164

cc: File A891514A



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3.0 OBJECTIVE .....	2
4.0 SCOPE OF WORK .....	2
5.0 SITE SETTING .....	2
6.0 FIELD INVESTIGATION .....	3
6.1 Summary of Drilling Procedures .....	3
6.2 Soil Lithology .....	3
7.0 CHEMICAL ANALYTICAL RESULTS .....	4
8.0 DISCUSSION .....	4
9.0 CONCLUSIONS .....	5
10.0 RECOMMENDATION .....	5
11.0 REFERENCE .....	6

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- 1 SITE VICINITY MAP
- 2 ORANGE COAST COLLEGE SITE PLAN
- 3 ORANGE COAST COLLEGE GENERALIZED SUBSURFACE CROSS SECTION A-A'

### APPENDICES

- A SOIL SAMPLING AND HEADSPACE ANALYSIS PROCEDURES
- B BORING LOGS
- C LABORATORY REPORT OF CHEMICAL ANALYSES AND CHAIN-OF-CUSTODY RECORD



**FOLLOW-UP PHASE II SOIL INVESTIGATION  
IN THE VICINITY OF REMOVED  
UNDERGROUND STORAGE TANKS  
FARM MAINTENANCE FACILITY  
ORANGE COAST COLLEGE  
COSTA MESA, CALIFORNIA**

**1.0 INTRODUCTION**

Presented herein are the findings of the Phase II soil investigation performed by Applied Geosciences Inc. at the Orange Coast College Farm Maintenance Facility, located at 2701 Fairview Road in Costa Mesa, California (Figure 1).

The work was performed for the Coast Community College District by Applied Geosciences Inc., in general accordance with Attachment 2 of the contract dated 4 April 1989.

The scope of the Phase II soil investigation was based on the recommendations presented in the previous subsurface investigation report dated 15 August 1989 (Applied Geosciences Inc., 1989) and discussions with Lisa Prouty of the Orange County Health Care Agency (OCHCA).

**2.0 BACKGROUND**

In January 1988, three underground storage tanks (USTs) reported to contain diesel fuel, weed oil, and waste oil were excavated and removed from the site. Following the removal of the USTs, several iterations of excavation and soil sampling were conducted in the former tank excavation area prior to its being backfilled. A summary of these activities, as interpreted from the OCHCA records, is presented in Applied Geosciences Inc. (1989).

In June 1989 Applied Geosciences Inc. performed a subsurface investigation in the area of the three USTs which were removed in January 1988 (Applied Geosciences Inc., 1989). The subsurface investigation included the drilling of one soil boring (OCC1) to an approximate depth of 33 feet below ground surface (BGS). Three soil samples were analyzed for total recoverable petroleum hydrocarbons (TRPH), in general accordance with Environmental Protection Agency (EPA) Method No. 418.1; total petroleum hydrocarbons (TPH), in general accordance with EPA Method No. 8015 (modified); and benzene, toluene, total xylenes, and ethylbenzene, in general accordance with EPA Method No. 8020. Although no significant levels of TPRH, TPH, or BTXE were found, additional soil borings were recommended by Applied Geosciences Inc. (with the concurrence of OCHCA) to increase the level of confidence in the results of the initial subsurface investigation.

### 3.0 OBJECTIVE

The objective of the follow-up Phase II soil investigation was to further assess the potential presence and concentration of petroleum hydrocarbons and aromatic volatile organics north and south of the previously drilled OCC1 soil boring (Figure 2).

### 4.0 SCOPE OF WORK

The scope of work conducted included the following:

- Task 1. Modification and implementation of an existing Health and Safety Plan;
- Task 2. Cutting out concrete; drilling two soil borings to approximately 36 feet BGS (one slant boring and one straight boring); collecting soil samples; backfilling the borings; and patching the surface with concrete;
- Task 3. Laboratory chemical analyses of nine soil samples for TRPH in general accordance with EPA Method No. 418.1, five soil samples for TPH in general accordance with EPA Method No. 8015 (modified), and four soil samples for aromatic volatile organics in general accordance with EPA Method No. 8020; and
- Task 4. Project management, data analysis, and report preparation.

The chemical analysis program was modified slightly from the original scope due to site conditions. See Section 7.0 for an explanation.

### 5.0 SITE SETTING

The area of investigation is located in the area adjacent to the Farm Maintenance Facility at the Orange Coast College campus in the city of Costa Mesa in Orange County, California (Figure 2). The topography of the area is relatively flat with natural surface drainage to the northeast. The area of investigation is in the general vicinity of the previously removed USTs. A concrete slab, approximately six inches thick, covers the area of the former tank locations. Two buildings used for the storage and maintenance of equipment are located east and west of the concrete slab respectively. Immediately adjacent to the south side of the area of investigation is an area with large trees and shrubbery; it is relatively inaccessible to drilling equipment.

## 6.0 FIELD INVESTIGATION

### 6.1 Summary of Drilling Procedures

The field investigation was conducted on 30 January 1990. Two soil borings, one slant and one vertical, were drilled at the site to approximately 36 feet BGS (Figure 2). Boring OCC2, located south of the previously drilled boring OCC1 (Applied Geosciences Inc., 1989), was drilled at an approximate 20-degree angle from the vertical toward the south and was sampled at approximately 5-foot linear intervals along the slant of the boring. Vertical boring OCC3, located north of the previously drilled boring OCC1 (Applied Geosciences Inc., 1989), was sampled at approximately 5-foot depth intervals beginning at approximately 15 feet BGS. The soil sampling procedures are presented in Appendix A. Logs of the borings are presented in Appendix B. Borings OCC2 and OCC3 were backfilled with medium-sized bentonite chips installed through the hollow stem augers. The bentonite chips were then activated with water. Due to the instability of the borehole wall of the slant boring OCC2, only the approximate upper one-third of the boring could be backfilled with bentonite chips. The shallow groundwater table was not encountered during the course of this subsurface investigation.

Visual and olfactory observations were made in the field regarding the presence of petroleum hydrocarbons in the auger cuttings. Headspace readings of the volatile organic compounds (VOCs) were measured using an organic vapor meter (OVM) photo ionization detector (PID) and recorded on the boring logs (Appendix B). The headspace analytical procedures are explained in Appendix A.

### 6.2 Soil Lithology

The predominant soil types encountered in the soil borings (interpreted during the drilling operations) include silty clay, sandy gravel, and sand. These soil types were observed to be distributed as described below. A generalized cross-section is presented in Figure 3.

In general, sandy gravel with varying amounts of silt and clay was noted in the approximate upper 20 feet BGS in borings OCC1 (Applied Geosciences Inc., 1989) and OCC3. This material is interpreted to be artificial fill used to backfill the UST excavation. In slant boring OCC2, the artificial fill is interpreted to have been encountered in the upper 1.5 feet.

Below the interpreted artificial fill material, a silty clay unit, interpreted as native soil, was encountered to an approximate depth of 24.4 feet BGS (vertical depth) in slant boring OCC2. However, this silty clay unit was not observed in borings OCC1 and OCC3. In boring OCC1, a lens of clay that appeared to be relatively impermeable, approximately 2 feet thick, was encountered below the interpreted artificial fill

material at approximately 20 feet BGS (Applied Geosciences Inc., 1989). In boring OCC3, sands were observed below the interpreted artificial fill material.

A series of fine to coarse sands with interbeds of fine silty sand was encountered from 22 feet (borings OCC1 and OCC3) and 24.4 feet (boring OCC2) to the bottom of the three borings. A more detailed description of the soils encountered during this investigation is presented in the soil boring logs in Appendix B.

## 7.0 CHEMICAL ANALYTICAL RESULTS

The soil samples were analyzed by West Coast Analytical Service, Inc., a state of California certified, hazardous waste laboratory located in Santa Fe Springs, California.

Soil sample selection was based on site conditions and field observations. Thus, nine samples were analyzed for TRPH in general accordance with EPA Method No. 418.1; five samples were analyzed for TPH, in general accordance with EPA Method No. 8015 (modified); and four samples were analyzed for benzene, toluene, total xylenes, and ethylbenzene (BTXE) in general accordance with EPA Method No. 8020.

With the exception of two samples, all the analyzed soil samples contained no detectable TRPH (EPA Method No. 418.1) above the 10 milligrams per kilogram (mg/kg) detection limit. Sample OCC3-1, collected from an approximate depth of 15 feet BGS in boring OCC3, and sample OCC3-2, collected from an approximate depth of 20 feet BGS in boring OCC3 were both reported to contain 43 mg/kg of TRPH.

In addition, none of the analyzed soil samples contained detectable TPH (EPA Method No. 8015 [modified]) above the 5 mg/kg detection limit, or BTXE (EPA Method No. 8020) above the 1 microgram per kilogram detection limit. The soil sample analytical results are summarized in Table 1 and presented in Figure 3, the generalized cross section. The laboratory reports on the chemical analyses of the soil samples are presented in Appendix C.

## 8.0 DISCUSSION

Based on the data obtained, it is the judgment of Applied Geosciences Inc. that there is a low likelihood that petroleum hydrocarbons are present in the area investigated. The data on which this judgment is based included the fact that no significant petroleum hydrocarbon indicators were detected during the drilling of the borings, no TPH or BTXE were detected in the analyzed soil samples, and TRPH concentrations were low (<50 ppm) or were not detected.



## 9.0 CONCLUSIONS

The following conclusions are based on data obtained during the subsurface investigation, current regulatory guidelines, results of the previous investigation (Applied Geosciences Inc., 1989), and our professional judgment:

- o No indications of petroleum hydrocarbon impacted soil were noted, with exception of a slight petroleum hydrocarbon odor in one sample.
- o No detectable concentrations of TPH (EPA Method No. 8015 [modified]), or BTXE (EPA Method No. 8020) were detected in any of the soil samples analyzed.
- o The maximum reported TRPH (EPA Method No. 418.1) in the analyzed soil samples was 43 mg/kg of TRPH.
- o There is a low likelihood that the elevated concentrations of petroleum hydrocarbons are present in the area of the former underground storage tanks.

## 10.0 RECOMMENDATION

The following recommendation is based on data obtained during the subsurface investigation, current regulatory guidelines, results of the previous investigation (Applied Geosciences Inc., 1989), and our professional judgment:

- o Request the Orange County Health Care Agency to issue a closure permit for the investigated tanks.

## 11.0 REFERENCE

Applied Geosciences Inc., 1989, Subsurface investigation at the previous location of three underground storage tanks, Orange Coast College, Farm Maintenance Facility, Costa Mesa, California: August 15, 1989, 14 p.

**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**

SAMPLE NO.	DEPTH (FEET)	TRPH <sup>1</sup> (418.1) (mg/Kg)	TPH <sup>2</sup> (8015) (mg/Kg)	BTXE <sup>3</sup> (8020) (ug/Kg)
OCC2-4	20 <sup>4</sup>	ND <sup>5</sup>	ND	--- <sup>6</sup>
OCC2-6	30 <sup>4</sup>	ND	ND	ND
OCC2-7	35 <sup>4</sup>	ND	---	---
OCC2-8	40 <sup>4</sup>	ND	ND	ND
OCC3-1	15	43	---	---
OCC3-2	20	43	---	---
OCC3-3	25	ND	ND	ND
OCC3-4	30	ND	---	---
OCC3-5	35	ND	ND	ND

1 Total Recoverable Petroleum Hydrocarbons' analysis conducted in general accordance with EPA Method No. 418.1.

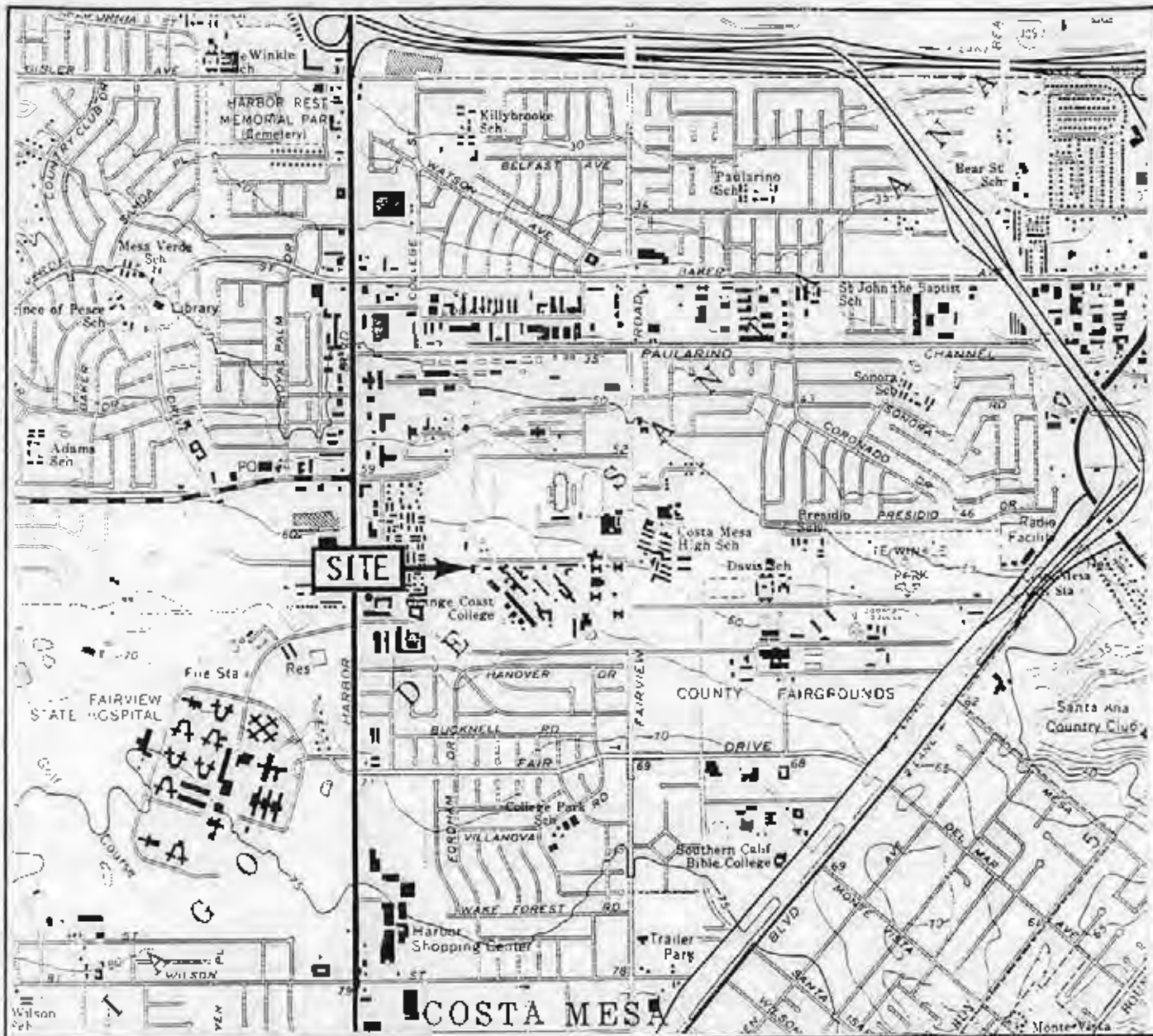
2 Total Petroleum Hydrocarbons' analysis conducted in general accordance with EPA Method No. 8015 (modified).

3 Benzene, toluene, total xylenes, and ethylbenzene analysis conducted in general accordance with EPA Method No. 8020.

4 Linear depths below ground surface along the slant of the boring.

5 Not detected.

6 Not analyzed.



**NOTE:**  
 BASE MAP IS TAKEN FROM USGS NEWPORT BEACH  
 QUADRANGLE, CALIFORNIA-ORANGE CO.,  
 7.5 MINUTE SERIES (TOPOGRAPHIC), 1965,  
 PHOTOREVISED 1981



<b>APPLIED GEOSCIENCES INC</b> Engineering Geology and Hazardous Materials Consultants		
<b>SITE VICINITY MAP</b>		
<b>PROJECT NUMBER A891514A</b>	<b>FIGURE 1</b>	





# **ATTACHMENT C**

## ***Property Background Information Questionnaire***



**Environmental Site Assessment  
Property Background Information Questionnaire for  
Property Owner, Occupant, or Representative**

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**PLEASE GIVE FURTHER DETAILS FOR ALL "YES" ANSWERS.**

1. Describe the current uses of the Property. How long has the property been used for these purposes, and how long have you occupied the Property?

*Current use is for education, for about 62 years.*

2. Describe the past uses, owners, and operators of the Property.

*Santa Ana Air Base training facility*

*No Dioxin training*

3. Have the Property or adjoining properties been used for industrial activities including the following? (Please note that an adjoining property is a property that is next to your Property, even if it is across the street).

<i>Gasoline Station</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Printing Facility</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<i>for graphics</i>
<i>Metal Plating Manufacturing</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Landfill</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Motor Repair Facility</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Dry Cleaners</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Junkyard</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Waste Treatment</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
<i>Storage, Disposal, or Recycling Facility</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	

Describe other industrial activities, if any.

*Campus has an aircraft repair program.*

*There is an above ground aviation fuel tank.*

*The UOI removed about 10 years ago, no releases known.*

4. Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped above ground, buried, or burned on the Property?  Yes  No

If yes, please describe.

**Environmental Site Assessment**  
**Property Background Information Questionnaire for**  
**Property Owner, Occupant, or Representative**

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5. Have any of the following items been stored on the Property in containers greater than 5 gallons?

Paint             Yes  No

Chemicals       Yes  No

Pesticides       Yes  No

6. Have hazardous substances or petroleum products been stored on the Property or transferred across the Property in pipelines, either above or below ground?

Yes  No  Unknown      gasoline & diesel oil pumps for motorcycles  
used for campus vehicles and equipment.

7. Have 55-gallon drums or sacks of chemicals been stored on the Property?

Yes  No  Unknown

8. Has fill dirt been brought onto the property from an offsite source?

Yes  No  Unknown      for construction

9. Is there evidence that the fill dirt in Question 8 may be contaminated?

Yes  No  Unknown

10. Are there currently any pits, ponds, or lagoons on the Property?

Yes  No  Unknown

11. Have any pits, ponds, or lagoons previously existed on the Property?

Yes  No  Unknown      several dry ponds

12. Are there currently areas on the Property with stained soil?

Yes  No  Unknown

13. Have stained soils previously existed on the property?

Yes  No  Unknown

**Environmental Site Assessment  
Property Background Information Questionnaire for  
Property Owner, Occupant, or Representative**

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14. Do underground or above-ground storage tanks exist, or have they existed previously on the Property?
- Yes  No  Unknown
15. Do fill pipes, vent pipes, or access ways indicating the presence of underground storage tanks exist on the Property?
- Yes  No  Unknown
16. Have fill pipes or vent pipes which may indicate the presence of an underground storage tank been removed from the Property?
- Yes  No  Unknown
17. Are floor drains stained with anything other than water in any area on the Property?
- Yes  No  Unknown
18. Do floor drains on the Property emit foul odors?
- Yes  No  Unknown *Sometimes at times maybe from roof water*
19. Is the Property served by private well or non-public water source?
- Yes  No  Unknown
20. Are contaminants known to exist in any private well or non-public water system serving the Property?
- Yes  No  Unknown
21. Does the Property discharge wastewater, other than domestic wastewater or storm water, into the sewer?
- Yes  No  Unknown
22. Other than permission for domestic hookup, have any city, county, or local permits for wastewater discharge been issued to the Property?
- Yes  No  Unknown *He knows the company pays a fee to the Orange County Sanitation District*

**Environmental Site Assessment  
Property Background Information Questionnaire for  
Property Owner, Occupant, or Representative**

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23. Does a septic tank exist, or has one existed previously at the Property?

Yes  No  Unknown

24. Do cesspools or cisterns currently exist on the Property?

Yes  No  Unknown

25. Have cesspools or cisterns previously existed on the Property?

Yes  No  Unknown

26. Other than storm water, does the Property discharge waste water onto the neighboring Property?

Yes  No  Unknown

27. Is there a transformer or capacitor that may contain PCBs on the Property?

~~Yes~~  No  Unknown

28. Is there any hydraulic equipment such as automobile lifts or elevators on the property?

Yes  No  Unknown

29. Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Property?

Yes  No  Unknown

30. Has an asbestos and/or lead based paint survey been conducted at the Property?

Yes  No  Unknown

31. Have pesticides, herbicides, or insecticides been applied on the Property?

Yes  No  Unknown

32. Are you aware of any environmental liens against the Property that are filed or recorded under federal, tribal, state, or local law?

Yes  No  Unknown

**Environmental Site Assessment  
Property Background Information Questionnaire for  
Property Owner, Occupant, or Representative**

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33. Have any environmental violations or citations associated with activities conducted on the Property been issued?

Yes  No  Unknown

34. Has the property been included in other environmental assessments?

Yes  No  Unknown

35. Have other environmental assessments identified hazardous substances or petroleum products that exist, or may have existed on the Property?

Yes  No  Unknown

36. Are there any pending law suits that involve the release or threatened release of hazardous substances associated with the Property?

Yes  No  Unknown

37. Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes  No  Unknown

38. Are you aware of any commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases?

Yes  No  Unknown

39. Do you have any specialized knowledge or experience related to the Property or nearby properties, including the knowledge of the chemicals and processes used by this type of business?

Yes  No  Unknown



**Environmental Site Assessment  
Property Background Information Questionnaire for  
Property Owner, Occupant, or Representative**

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40. Based in your knowledge or experience related to the Property, are there any obvious indicators that point to the presence or likely presence of contamination?

*Not to my knowledge.*

11-22-2013

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

*Mark Casade, Director*  
\_\_\_\_\_  
Name (Printed)

Owner  Occupant  Owner Representative

Property Address: \_\_\_\_\_  
\_\_\_\_\_

# **ATTACHMENT D**

*Aerial Photographs and Topographic Maps*





**Orange Coast College**

2701 Fairview Road

Costa Mesa, CA 92626

Inquiry Number: 3772737.5

November 04, 2013

# The EDR Aerial Photo Decade Package



440 Wheelers Farms Road  
Milford, CT 06461  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

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.

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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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**Date EDR Searched Historical Sources:**

Aerial Photography November 04, 2013

**Target Property:**

2701 Fairview Road

Costa Mesa, CA 92626

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	Laval
1947	Aerial Photograph. Scale: 1"=500'	Flight Year: 1947	Fairchild
1953	Aerial Photograph. Scale: 1"=500'	Flight Year: 1953	Pacific Air
1963	Aerial Photograph. Scale: 1"=500'	Flight Year: 1963	EDR
1972	Aerial Photograph. Scale: 1"=500'	Flight Year: 1972	EDR
1977	Aerial Photograph. Scale: 1"=500'	Flight Year: 1977	Teledyne
1990	Aerial Photograph. Scale: 1"=500'	Flight Year: 1990	USGS
1995	Aerial Photograph. Scale: 1"=500'	/DOQQ - acquisition dates: 1995	EDR
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR
2009	Aerial Photograph. Scale: 1"=500'	Flight Year: 2009	EDR
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	EDR



Subject Property

INQUIRY #: 3772737.5

YEAR: 1938

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 1947

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 1953

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 1963

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 1972

| = 500'







INQUIRY #: 3772737.5

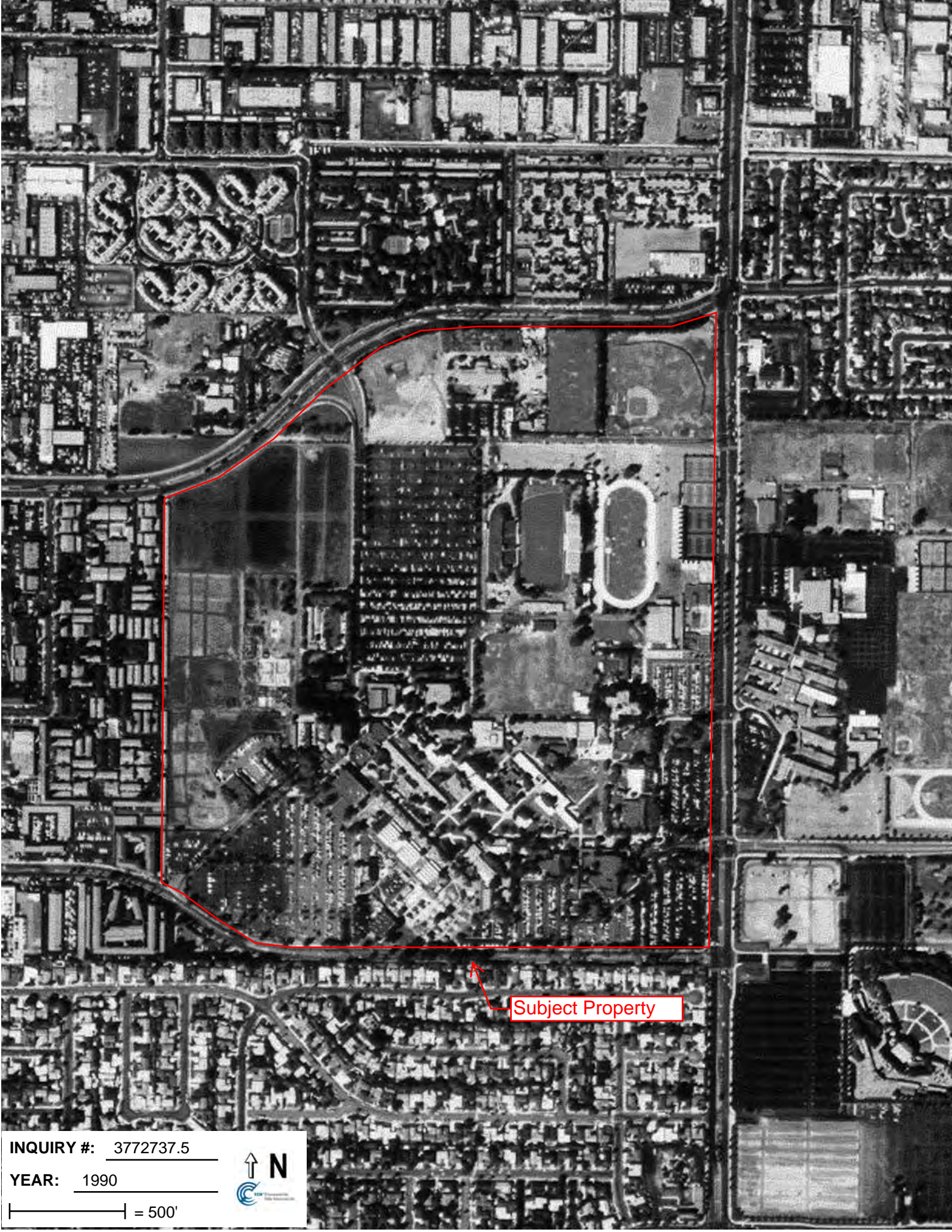
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Subject Property





Subject Property

INQUIRY #: 3772737.5

YEAR: 1990

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 1995



| = 500'





Subject Property

INQUIRY #: 3772737.5

YEAR: 2005

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 2009

| = 500'







Subject Property

INQUIRY #: 3772737.5

YEAR: 2010



| = 500'





Subject Property

INQUIRY #: 3772737.5

YEAR: 2012



— = 500'





**Orange Coast College**

2701 Fairview Road

Costa Mesa, CA 92626

Inquiry Number: 3772737.4

October 31, 2013

# EDR Historical Topographic Map Report

# EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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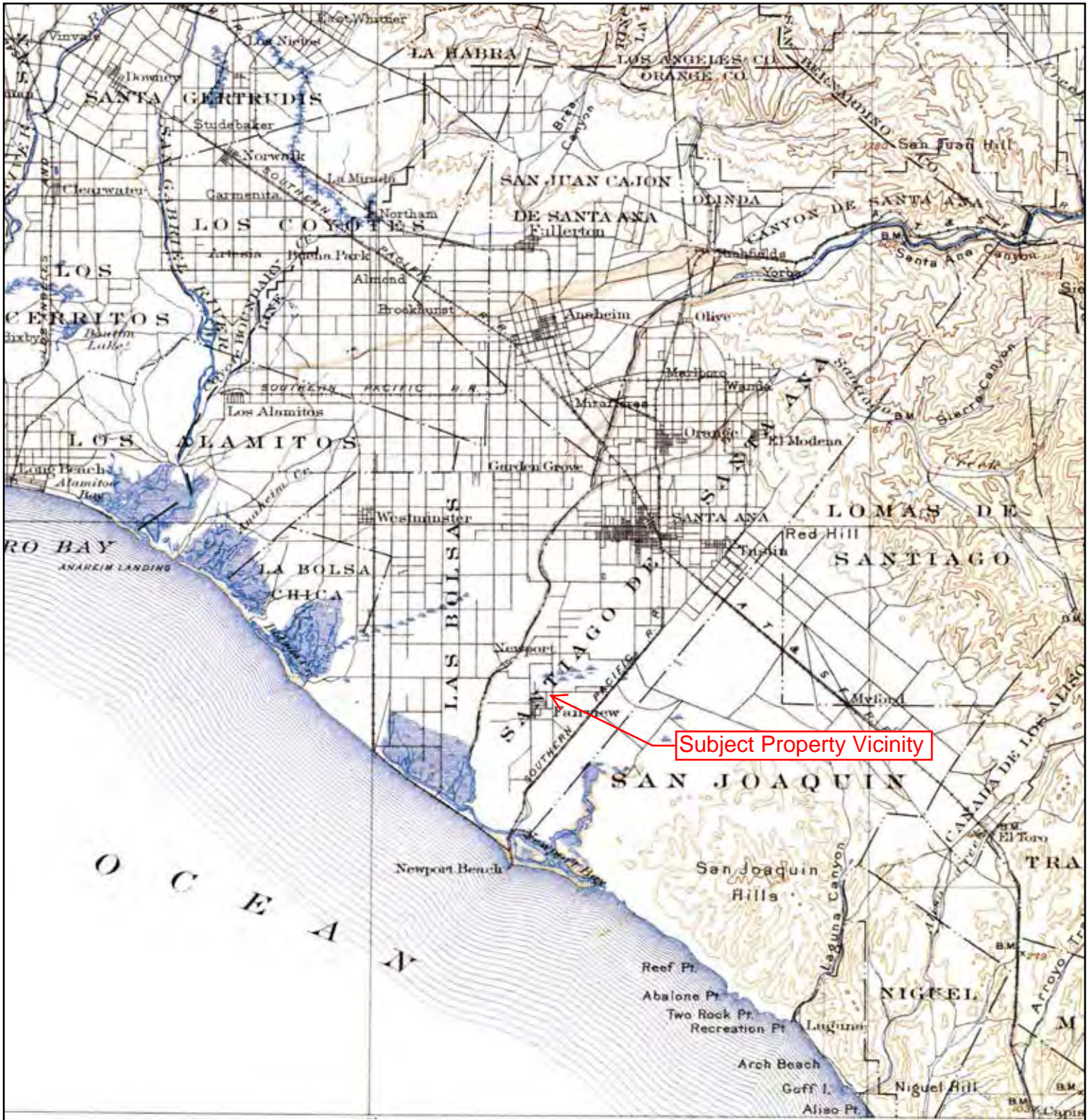
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# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Orange Coast College	<b>CLIENT:</b> Dudek & Associates
	<b>NAME:</b> SOUTHERN CA SHEET 1	<b>ADDRESS:</b> 2701 Fairview Road	<b>CONTACT:</b> Laura Roll
	<b>MAP YEAR:</b> 1901	<b>COSTA MESA, CA 92626</b>	<b>INQUIRY#:</b> 3772737.4
	<b>SERIES:</b> 60	<b>LAT/LONG:</b> 33.672 / -117.9116	<b>RESEARCH DATE:</b> 10/31/2013
	<b>SCALE:</b> 1:250000		



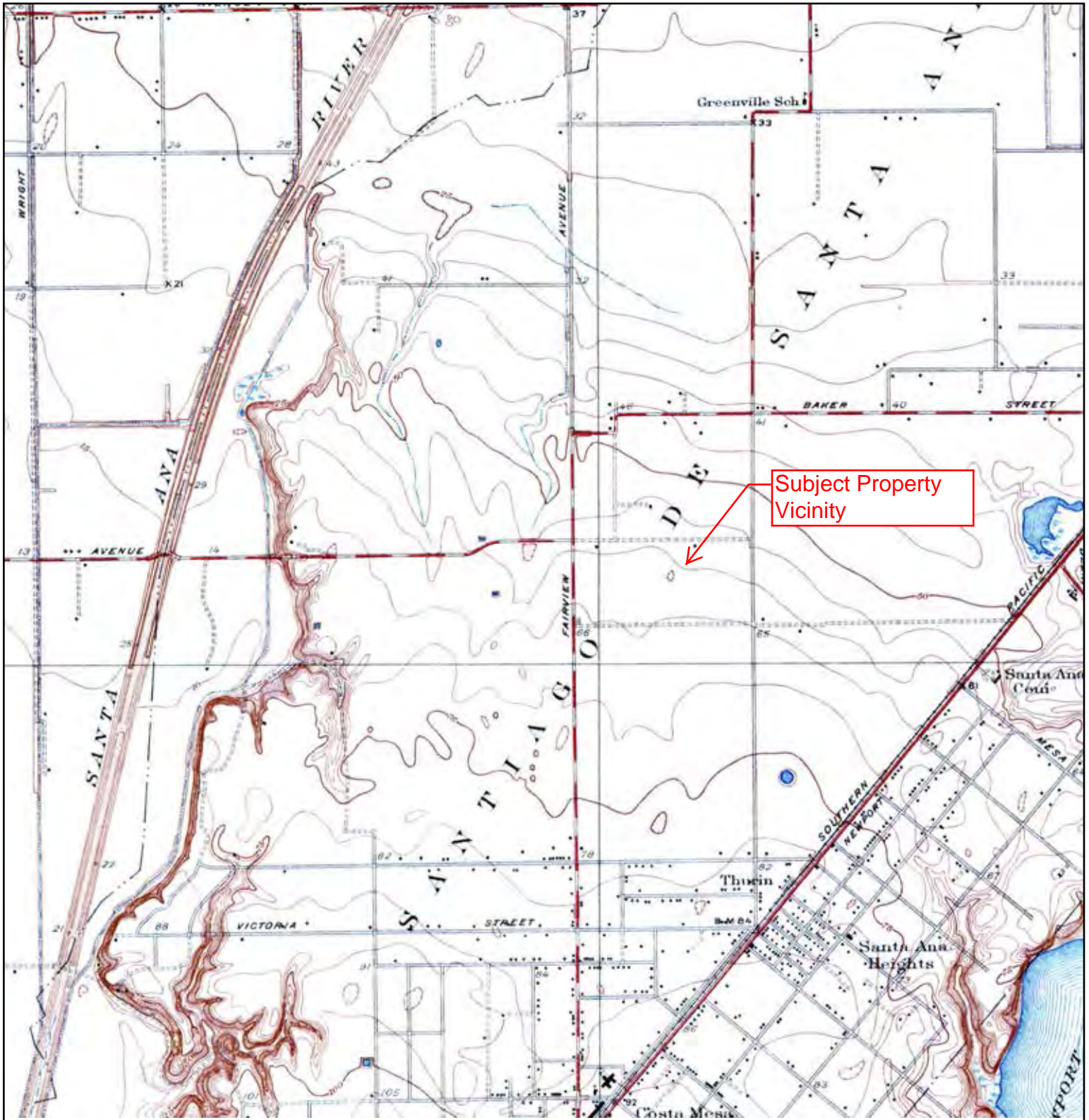
# Historical Topographic Map




<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: CORONA                  MAP YEAR: 1902</p>	<p><b>SITE NAME:</b> Orange Coast College  <b>ADDRESS:</b> 2701 Fairview Road                  Costa Mesa, CA 92626  <b>LAT/LONG:</b> 33.672 / -117.9116</p>	<p><b>CLIENT:</b> Dudek &amp; Associates  <b>CONTACT:</b> Laura Roll  <b>INQUIRY#:</b> 3772737.4  <b>RESEARCH DATE:</b> 10/31/2013</p>
	<p><b>SERIES:</b> 30  <b>SCALE:</b> 1:125000</p>		



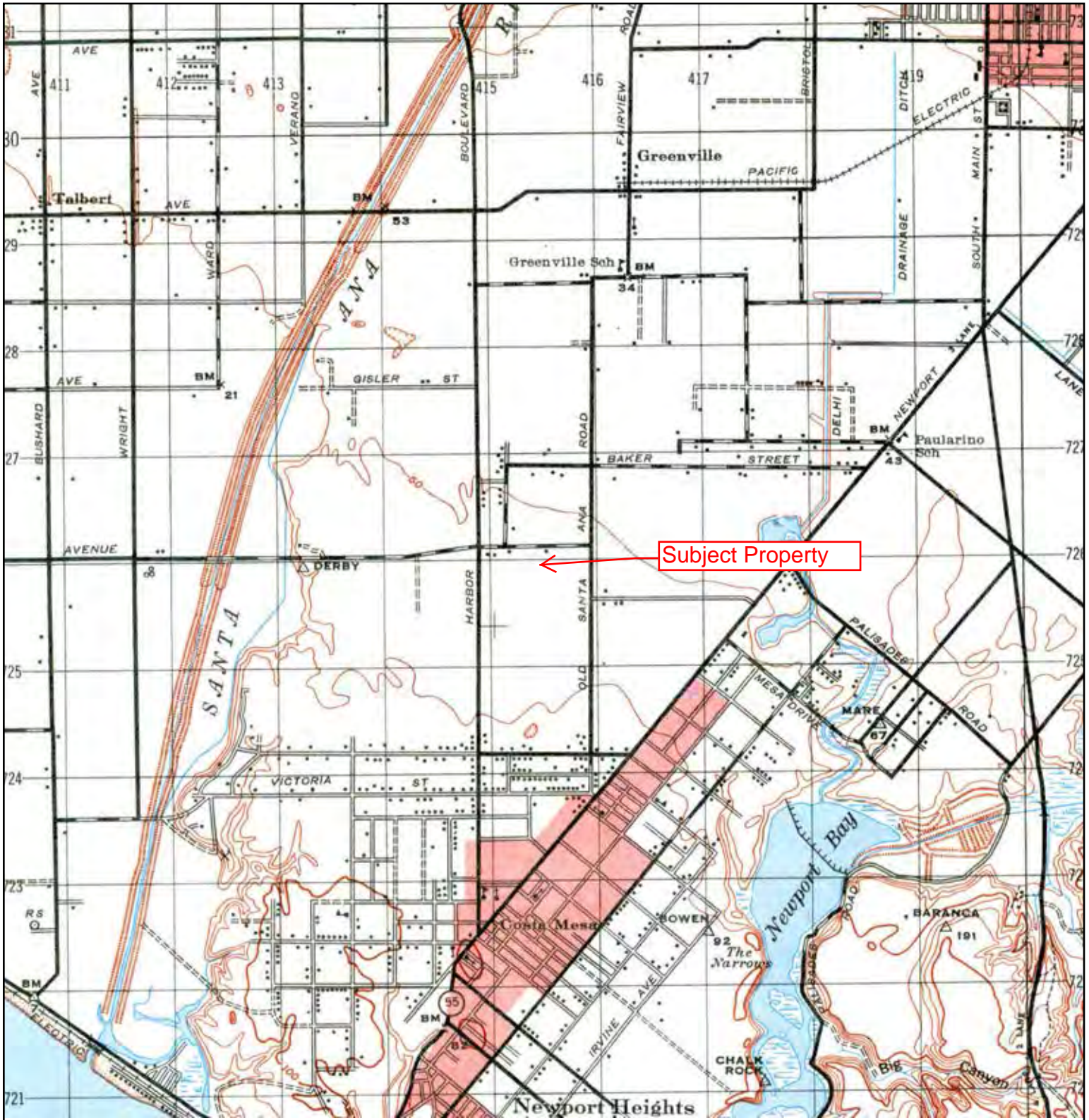
# Historical Topographic Map



	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Orange Coast College	<b>CLIENT:</b> Dudek & Associates
	<b>NAME:</b> NEWPORT BEACH	<b>ADDRESS:</b> 2701 Fairview Road	<b>CONTACT:</b> Laura Roll
	<b>MAP YEAR:</b> 1935	Costa Mesa, CA 92626	<b>INQUIRY#:</b> 3772737.4
	<b>SERIES:</b> 7.5	<b>LAT/LONG:</b> 33.672 / -117.9116	<b>RESEARCH DATE:</b> 10/31/2013
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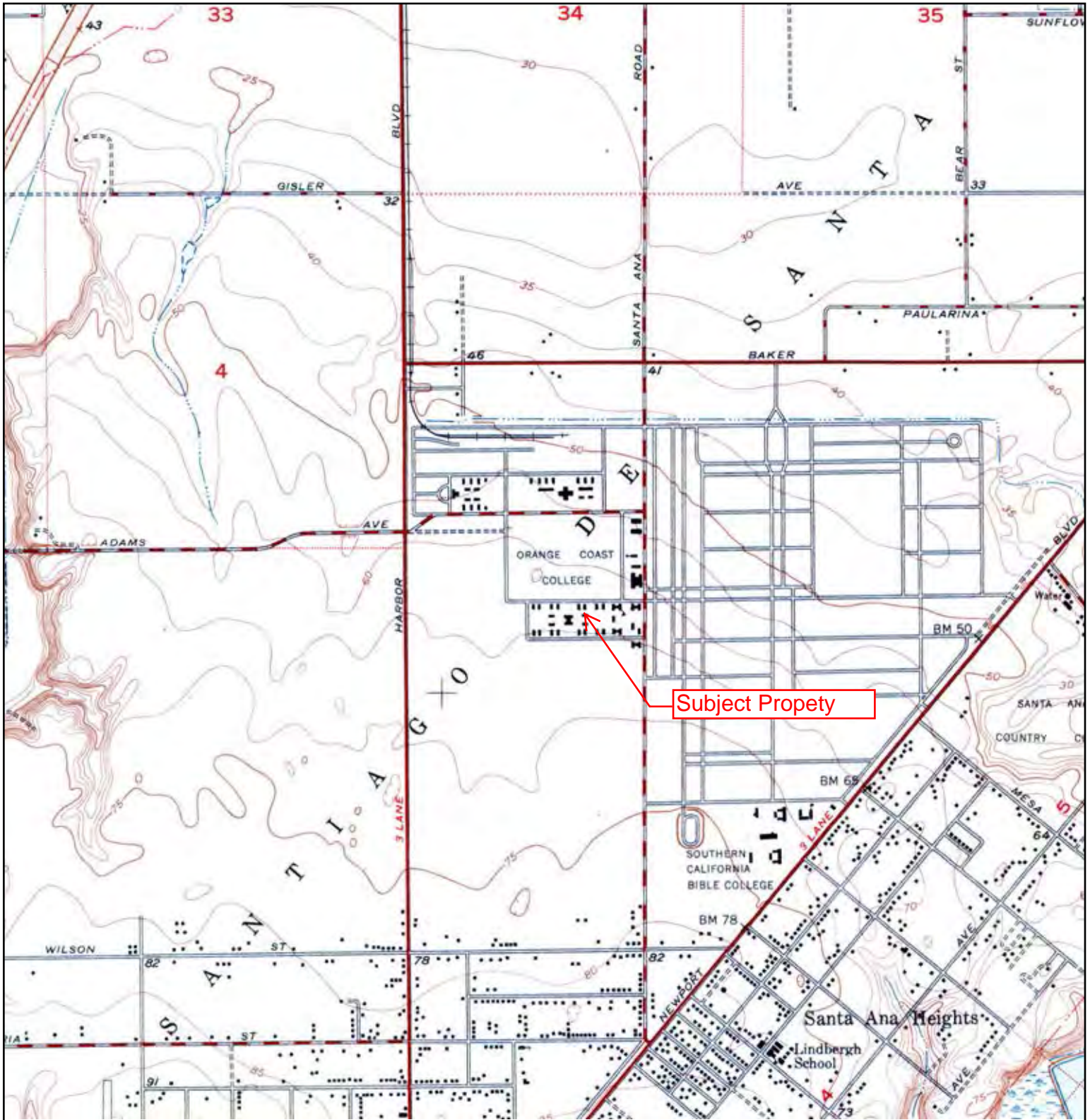
# Historical Topographic Map




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	<b>NAME:</b> SANTA ANA	<b>ADDRESS:</b> 2701 Fairview Road	<b>CONTACT:</b> Laura Roll
	<b>MAP YEAR:</b> 1942	<b>LAT/LONG:</b> 33.672 / -117.9116	<b>INQUIRY#:</b> 3772737.4
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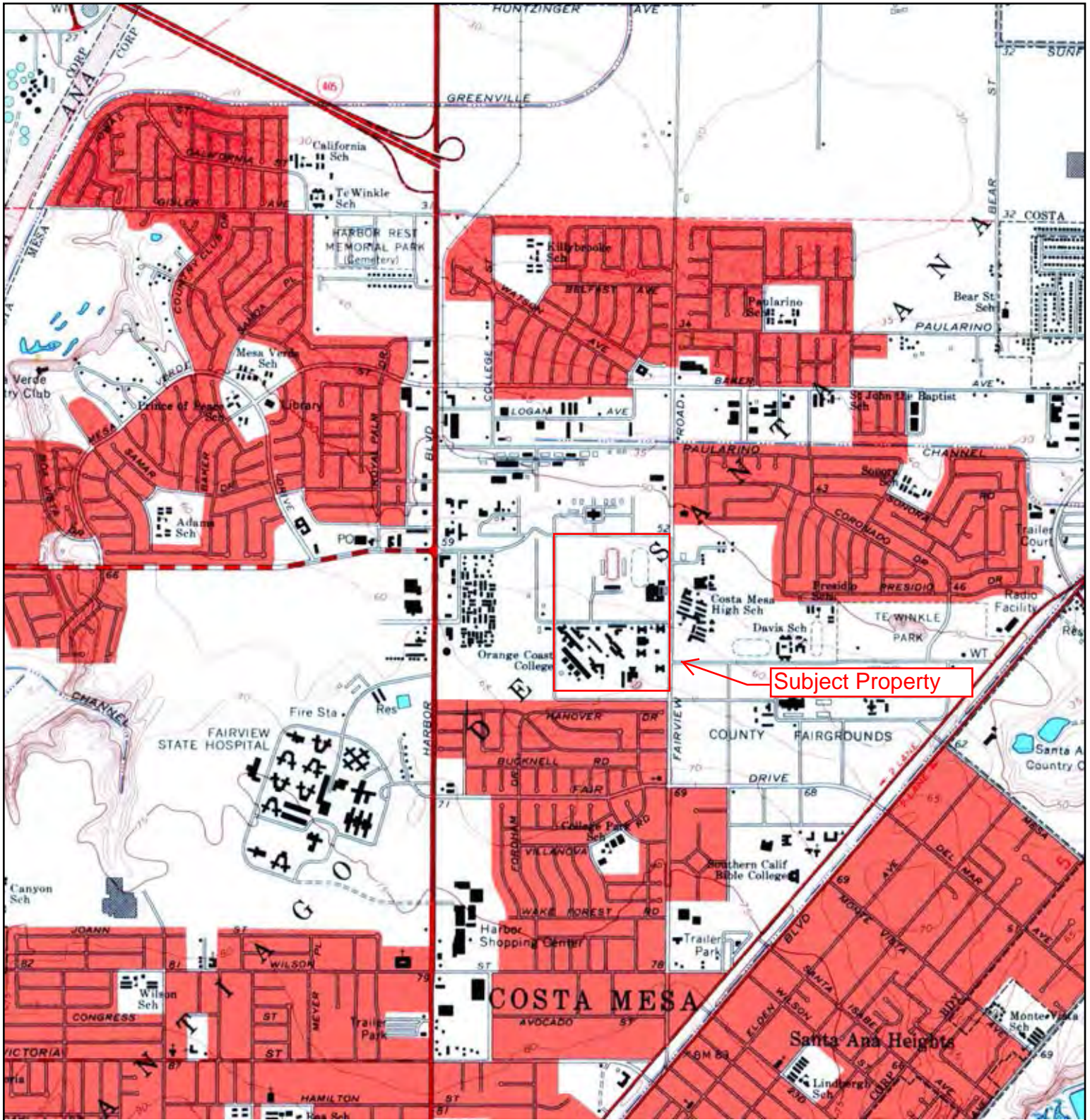
# Historical Topographic Map



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	NAME: NEWPORT BEACH	<b>ADDRESS:</b> 2701 Fairview Road Costa Mesa, CA 92626	<b>CONTACT:</b> Laura Roll
	MAP YEAR: 1951	<b>LAT/LONG:</b> 33.672 / -117.9116	<b>INQUIRY#:</b> 3772737.4
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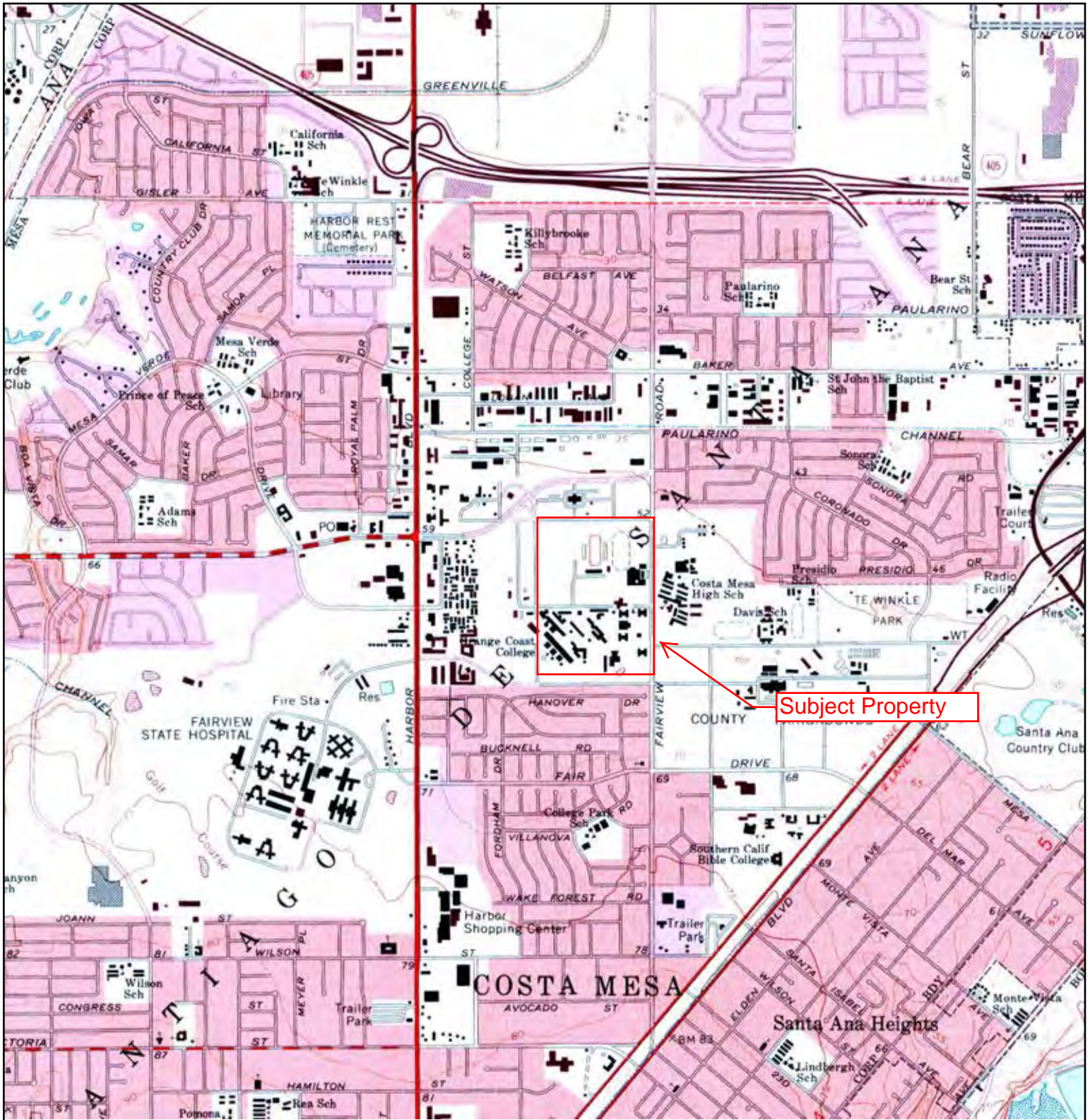
# Historical Topographic Map




<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: NEWPORT BEACH                  MAP YEAR: 1965</p>	<p>SITE NAME: Orange Coast College                  ADDRESS: 2701 Fairview Road                  Costa Mesa, CA 92626                  LAT/LONG: 33.672 / -117.9116</p>	<p>CLIENT: Dudek &amp; Associates                  CONTACT: Laura Roll                  INQUIRY#: 3772737.4                  RESEARCH DATE: 10/31/2013</p>
	<p>SERIES: 7.5                  SCALE: 1:24000</p>		



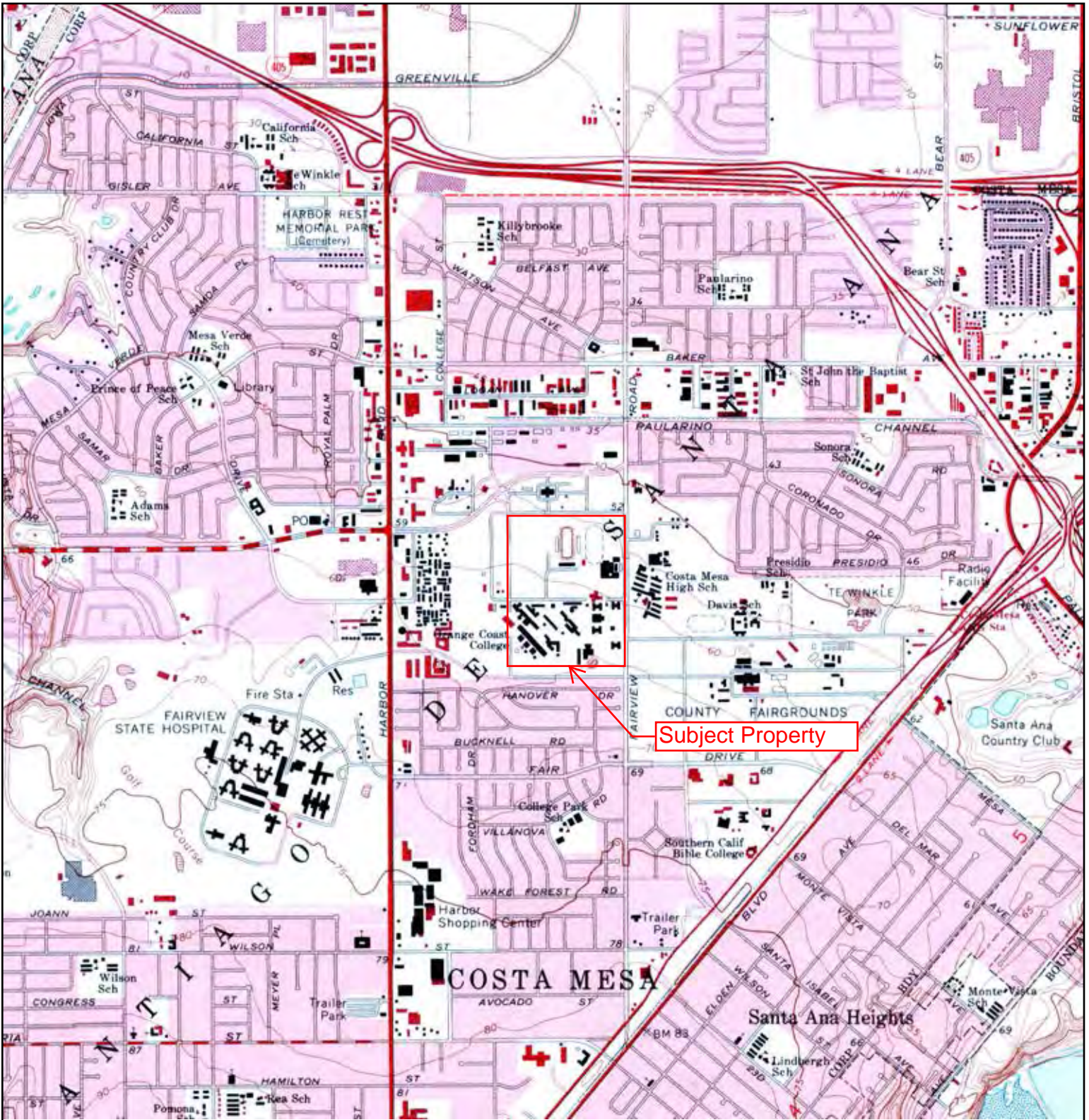
# Historical Topographic Map



 <b>N</b>	<b>TARGET QUAD</b>	<b>SITE NAME:</b> Orange Coast College	<b>CLIENT:</b> Dudek & Associates
	NAME: NEWPORT BEACH	<b>ADDRESS:</b> 2701 Fairview Road	<b>CONTACT:</b> Laura Roll
	MAP YEAR: 1972	Costa Mesa, CA 92626	<b>INQUIRY#:</b> 3772737.4
	PHOTOREVISED FROM :1965	<b>LAT/LONG:</b> 33.672 / -117.9116	<b>RESEARCH DATE:</b> 10/31/2013
	SERIES: 7.5		
	SCALE: 1:24000		



# Historical Topographic Map



<p>N ↑</p>	<p><b>TARGET QUAD</b>                  NAME: NEWPORT BEACH                  MAP YEAR: 1981                  PHOTOREVISED FROM :1965                  SERIES: 7.5                  SCALE: 1:24000</p>	<p>SITE NAME: Orange Coast College                  ADDRESS: 2701 Fairview Road                  Costa Mesa, CA 92626                  LAT/LONG: 33.672 / -117.9116</p>	<p>CLIENT: Dudek &amp; Associates                  CONTACT: Laura Roll                  INQUIRY#: 3772737.4                  RESEARCH DATE: 10/31/2013</p>
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# **ATTACHMENT E**

*Sanborn Fire Maps*





**Orange Coast College**

2701 Fairview Road

Costa Mesa, CA 92626

Inquiry Number: 3772737.3

October 30, 2013

## Certified Sanborn® Map Report



# Certified Sanborn® Map Report

10/30/13

**Site Name:**

Orange Coast College  
2701 Fairview Road  
Costa Mesa, CA 92626

**Client Name:**

Dudek & Associates  
605 Third Street  
Encinitas, CA 92024

EDR Inquiry # 3772737.3

Contact: Laura Roll



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## Certified Sanborn Results:

**Site Name:** Orange Coast College  
**Address:** 2701 Fairview Road  
**City, State, Zip:** Costa Mesa, CA 92626  
**Cross Street:**  
**P.O. #** 7910-3  
**Project:** Orange Coast College  
**Certification #** 697A-4662-822D



Sanborn® Library search results  
Certification # 697A-4662-822D

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- University Publications of America
- EDR Private Collection

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