

DELPHI

FACILITY INVESTIGATIVE REPORT

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**PRIVILEGED AND CONFIDENTIAL
PREPARED AT DELPHI CORPORATION'S COUNSEL'S REQUEST**

PHASE II ENVIRONMENTAL SITE ASSESSMENT

**DELPHI CORPORATION
ANAHEIM BATTERY OPERATIONS
1201 N. MAGNOLIA AVE.
ANAHEIM, CALIFORNIA**

**Prepared For:
Delphi Corporation**

MARCH 2005

REF. NO. 37616-06 (6)

This report is printed on recycled paper.

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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates (CRA) was retained by Delphi Corporation (Delphi) to complete a Phase II Environmental Site Assessment (Phase II ESA) of Delphi's Anaheim Battery Operations (Site), located at 1201 N. Magnolia Avenue in Anaheim, Orange County, California. The Phase II ESA activities were conducted to investigate eight Recognized Environmental Conditions (RECs) identified in CRA's Phase I ESA prepared for the Site, dated November 2004. The RECs identified during the Phase I ESA are as follows:

- Former underground storage tanks (USTs);
- Former lead reclamation area;
- Aboveground storage tanks (ASTs);
- Raw material and chemical storage;
- Battery charging tables;
- Used oil processing area;
- Solid wastes; and
- Spills/releases of lead oxide dust.

RECs 3, 4, and 5 listed above are not specifically addressed in this Phase II ESA. Due to access issues, these items will be investigated after current plant operations have ceased.

It should be noted that the Region 9 (modified for California) Preliminary Remediation Goal (PRG) for lead at potential residential sites is 150 mg/kg. No Modified for California PRG for lead is listed for industrial sites. The USEPA Region 9 PRG for industrial sites is 800 mg/kg.

The results of the Phase II ESA showed the following:

REC No. 1 – Former USTs

No evidence of petroleum hydrocarbon impact above Region 9 PRGs for potential residential or industrial sites was detected at either of the former UST areas.

REC No. 2 - Former lead reclamation area

No evidence of lead impact above Region 9 PRGs for potential residential (Modified California) or industrial sites was detected beneath the concrete flooring of the former lead reclamation area.

REC No. 6 - Used oil processing area

No evidence used oil impact above Region 9 PRGs for potential residential or industrial sites was detected at the used oil processing area.

REC No. 7 - Solid wastes

Lead concentrations exceeding Modified California Region 9 residential site PRGs were detected in the 0 to 6-inch bgs surface soil sample from SB-20 collected adjacent to the storm water retention basin. The underlying sample from the 12 to 18-inch bgs interval did not exceed the residential PRG.

REC No. 8 - Spills/releases of lead oxide dust

Lead concentration exceeding Modified California residential PRGs were detected at several Site areas. These areas are as follows:

- along the railroad spur, particularly along the loading docks (SB-15, SB-16, SB21, SB-25, and SB-26) in samples collected from 0 to 6, 12 to 18, and 24 to 30 inches bgs;
- the grassy area across from the bagging operations north of the driveway (SB-10 through SB-14) in samples collected from 0 to 6 inches bgs;
- the grassy area near the Guard House (SB-1 and SB-3) in samples collected from 0 to 6 inches bgs; and
- the grassy areas along southern driveway downwind of the breezeway between the air washers (SB-8 and SB-9) in samples collected from 0 to 6 inches bgs.

Elevated concentrations of lead above the industrial PRGs were also detected along the railway spur in the 0 to 6-inch interval and the 12-18-inch interval, and in the grassy area across from the bagging operations in the 0 to 6-inch interval.

1.0 INTRODUCTION

1.1 BACKGROUND

At the request of Delphi Corporation (Delphi), Conestoga-Rovers & Associates (CRA) was retained to conduct a Phase II Environmental Site Assessment (Phase II ESA) of the Delphi's Anaheim Battery Operations (Site) located at 1201 N. Magnolia Avenue, Anaheim, Orange County, California. The Site location is shown on Figure 1. A Site plan is shown on Figure 2. This report presents the findings and recommendations of the Site Phase II ESA.

The Phase I ESA was conducted by CRA on October 5 and 6, 2004. The Phase I ESA included Site inspection and database/file review to identify Potential Recognized Environmental Conditions (RECs) associated with historic or current activities conducted at the Site. The following RECs, as presented on Figure 2, were identified during the Phase I ESA:

- Former underground storage tanks (USTs);
- Former lead reclamation area;
- Above ground storage tanks (ASTs);
- Raw Material and chemical storage;
- Battery charging tables;
- Used oil processing Area;
- Solid wastes; and
- Spills/releases of lead oxide dust.

RECS 3, 4, and 5 listed above are not specifically addressed in this ESA. Due to access issues, these items will be investigated after current plant operations have ceased.

Based on discussion with Delphi, a Phase II ESA field investigation was designed to collect additional data to evaluate five of the eight RECs. The Phase II ESA field activities were conducted by CRA on November 16 and 17, 2004. The objective of the Phase II ESA was to confirm whether compound releases due to Site related operations have occurred at concentration levels, which may have adverse impacts to the public or the environment.

1.2 REPORT ORGANIZATION

The Phase II ESA Report is organized as follows:

- Section 1.0 - Introduction;
- Section 2.0 - Scope of Work;
- Section 3.0 - Geology and Hydrogeology;
- Section 4.0 - Results and Discussion; AND
- Section 5.0 - Conclusions.

3.0 GEOLOGY AND HYDROGEOLOGY

Limited information regarding geologic/hydrogeologic conditions at the Site was collected during the Phase I ESA. Site reports reviewed during the Phase I ESA report preparation indicate that the Site is underlain by alluvial deposits consisting of poorly consolidated to unconsolidated clay, silt, sand and gravel of continental origins. Groundwater in the Site area was reported at approximately 30 feet bgs with potable aquifers at depths greater than 100 feet. The groundwater flow was reported to be to the southwest. There are no surface water bodies or water courses located on Site. The nearest surface water course is Fullerton Creek located approximately 0.8 miles northwest of the Site.

Information regarding geologic conditions at the Site was collected during the Phase II ESA. The overburden at the Site consists of a surficial layer, comprised of fill materials (gravel and sand), underlain by a native clayey silt soil horizon. The fill layer appears to be discontinuous across the Site and is thickest beneath the loading dock areas where it reaches a maximum thickness of approximately four feet. The underlying native material consists of brown, stiff to compact, damp clayey silt. This upper native soil horizon grades downward to light gray brown to light gray silty sand, clayey sand, and clayey silt. The lower material is crudely stratified and is consistent with the alluvial deposits described above. Depth to groundwater was not confirmed during the boring installations; however, the materials became quite moist at 22 to 24 feet bgs in the two deeper borings. Water did not enter the borings during the field activities; therefore, no groundwater samples were collected.

None of the concentrations detected at the former UST areas exceeded Region 9 PRGs for potential residential sites. The measured pH levels are slightly alkaline, but relatively neutral.

4.2 FORMER LEAD RECLAMATION AREA

One soil boring was advanced to one foot below the concrete within the former lead reclamation area. One soil sample was collected and submitted for lead analysis. Lead was detected at a concentration of 5.9 mg/kg, which is well below the Modified California PRG for lead for potential residential sites.

4.3 USED OIL PROCESSING AREA

One soil boring (SB-24) was advanced at the location of the Used Oil Processing area. Organic vapors were detected at a depth of 4 feet bgs. A soil sample from this depth was submitted for BTEX and TPH analysis. Toluene was the only parameter detected, at a concentration of 150 µg/kg. The toluene concentration is well below the listed Region 9 PRG for toluene for potential residential sites (520 mg/kg).

4.4 SOLID WASTES

Two soil borings (SB-19 and SB-20) were advanced 30-inches bgs to investigate areas of potential solid wastes (sweepings). Three soil samples from each boring (0 to 6, 12 to 18, and 24 to 30 inches bgs) were submitted for lead analysis. Lead was detected in all samples but only exceeded the Region 9 (modified for California) PRG (150 mg/kg) for potential residential sites in the 0 to 6 inch sample at SB-20 (lead concentration of 487 mg/kg). The industrial PRG was not exceeded.

4.5 SPILLS/RELEASES OF LEAD OXIDE DUST

Twenty-one soil borings (SB-1 through SB-18, SB-21, and SB-25 and SB-26) were advanced 30-inches bgs to investigate potential spills or releases and accumulations of lead oxide dust. These areas are located primarily along the railroad spur and grassy areas surrounding the Site operations. Three soil samples from each boring (0 to 6, 12 to 18, and 24 to 30 inches bgs) were submitted for lead analysis except at SB-25 where only

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two were collected due to no recovery from the 0 to 6 inches interval. Lead was detected in all samples at concentrations that ranged from 2.1 mg/kg to 63,500 mg/kg.

Fourteen soil samples collected from the 0 to 6-inch interval (SB-1, SB-3, SB-8 through SB-16, SB-20, SB-21, and SB-26) exceeded the Modified California residential PRG. Six soil samples from the 0 to 6-inch interval (SB-11, SB-13, SB-14, SB-16, SB-21, and SB-26) exceeded the USEPA Region 9 PRG for industrial sites. Three soil samples collected from the 12 to 18-inch interval (SB-21, SB-25, and SB-26) exceeded the Modified California residential PRG, while only one soil sample (SB-21) exceeded USEPA industrial PRG. Two soil samples collected from the 24 to 30-inch interval (SB-21 and SB-25) exceeded the Modified California residential PRG, but none of the soil samples exceeded the USEPA industrial PRG.

5.0 CONCLUSIONS

The following presents the conclusions based on the data collected during the Phase II ESA:

REC No. 1 - Former USTs

No evidence of petroleum hydrocarbon impact above Region 9 PRGs for potential residential or industrial sites was detected at either of the former UST areas.

REC No. 2 - Former lead reclamation area

No evidence of lead impact above Region 9 PRGs for potential residential (Modified California) or industrial sites was detected beneath the concrete flooring of the former lead reclamation area.

REC No. 6 - Used oil processing area

No evidence used oil impact above Region 9 PRGs for potential residential or industrial sites was detected at the used oil processing area.

REC No. 7 - Solid wastes

Lead concentrations exceeding Modified California Region 9 residential site PRGs were detected in the 0 to 6-inch bgs surface soil sample from SB-20 collected adjacent to the storm water retention basin. The underlying sample from the 12 to 18-inch bgs interval did not exceed the residential PRG.

REC No. 8 - Spills/releases of lead oxide dust

Lead concentration exceeding Modified California residential PRGs were detected at several Site areas. These areas are as follows:

- along the railroad spur, particularly along the loading docks (SB-15, SB-16, SB21, SB-25, and SB-26) in samples collected from 0 to 6, 12 to 18, and 24 to 30 inches bgs;
- the grassy area across from the bagging operations north of the driveway (SB-10 through SB-14) in samples collected from 0 to 6 inches bgs;
- the grassy area near the Guard House (SB-1 and SB-3) in samples collected from 0 to 6 inches bgs; and

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- the grassy areas along southern driveway downwind of the breezeway between the air washers (SB-8 and SB-9) in samples collected from 0 to 6 inches bgs.

Elevated concentrations of lead above the industrial PRGs were also detected along the railway spur in the 0 to 6-inch interval and the 12-18-inch interval, and in the grassy area across from the bagging operations in the 0 to 6-inch interval.



**COUNTY OF ORANGE
HEALTH CARE AGENCY**

**REGULATORY HEALTH SERVICES
ENVIRONMENTAL HEALTH**

MICHAEL SCHUMACHER, Ph.D.

DIRECTOR

NIKE SPURGEON

DEPUTY AGENCY DIRECTOR
REGULATORY HEALTH SERVICES

JACK MILLER, REHS

DIRECTOR
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E-MAIL: environhealth@hca.co.orange.ca.us

March 3, 2000

Eric Weng
Facility Engineer
Delphi Energy & Engine Management Systems
1201 North Magnolia Avenue
Anaheim, CA 92801

Subject: Case Closure

Re: Delphi Energy & Engine Management Systems
(Formerly Delco Remy)
1201 North Magnolia Avenue
Anaheim, CA 92801
OCHCA Case # 88/C80

Dear Mr. Weng:

This letter confirms the completion of remedial action at the above-referenced 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.

This confirmation of completion is limited in scope. It is limited to site conditions made known to this Agency under the above-referenced case number. It is based on an evaluation of the health threat presented by the inhalation, ingestion, or dermal absorption of the residual contaminants. In addition, this evaluation considered the present and proposed use of the property. Changes in the proposed land use may require further site characterization and/or site mitigation activity.

The presence of lead (Pb) and the potential for residual contamination to cause groundwater degradation was discussed with Kamron Saremi of the Santa Ana Regional Water Quality Control Board. Regional Board staff concurred 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. Any activity in the 'northwest field' that would result in soil disposal as defined by the Department of Toxic Substances Control must be dealt with under hazardous waste

March 3, 2000

regulations. It is the property owner's responsibility to notify this Agency of any changes in future contamination findings or site usage.

If you have any questions regarding this matter, please contact Luis Lodrigueza at (714) 667-3717.

Sincerely,

Karen L. Hodel
Karen L. Hodel, R.G.
Program Manager
Hazardous Materials Management Section
Environmental Health

KLH:LL:

cc: Kararon Saremi, Santa Ana Regional Water Quality Control Board

K:\delphi\closure\eter\al.doc

Delco Remy



Division of General Motors Corporation 1201 North Magnolia Avenue P. O. Box 3190 Anaheim, California 92803-3190

October 30, 1990

*Carol
74 I.
Lut*

Mr. Steven D. Overman
California Regional Water
Quality Control Board
Santa Ana Region
6809 Indiana Avenue, Suite 200
Riverside, California 92506

Dear Mr. Overman:

Please find enclosed the second quarterly ground-water monitoring results as conducted by Dames & Moore for Delco Remy-Anaheim.

The data enclosed is for your evaluation and in response to your letter dated May 23, 1990 requiring quarterly monitoring of ground-water wells MW-1 and MW-4 for a period of one year.

Sincerely,

KEN RAYLE
Project Engineer

Enclosure

knr23.ltr

SECOND QUARTERLY GROUND-WATER MONITORING
DELCO REMY
1201 NORTH MAGNOLIA AVENUE
ANAHEIM, CALIFORNIA
FOR DELCO REMY

JOB NO. 14197-013-128
October 25, 1990

 **DAMES & MOORE**



October 25, 1990

Delco Remy
Division of General Motors
1201 North Magnolia Avenue
Anaheim, California 92803

Attention: Mr. Ken Rayle
Project Engineer

Subject: Second Quarterly Ground-Water Monitoring Results
1201 North Magnolia Avenue
Anaheim, California
For Delco Remy

Gentlemen:

1.0 INTRODUCTION

Transmitted with this letter are the second quarterly ground-water monitoring results for the Delco Remy Site, Anaheim, California (Figure 1). The monitoring program is being conducted to comply with a request by the California Regional Water Quality Control Board (CRWQCB) as stated in a letter from the CRWQCB dated May 23, 1990. The request for the continued investigation is based on the analytical results of ground-water samples collected in December, 1989. The results of the December, 1989 monitoring are presented in Table 1.

1.1 BACKGROUND

In July 1986 a ground-water monitoring well (MW-1) was installed at the subject site in the area of a former underground storage tank. MW-1 exhibited a pH of 9.44 and a deep brown-black color. No odor was detected in the samples collected.

Analytical results indicated that the dark coloring was not caused by organic and/or heavy metal contamination. Instead, it

was demonstrated that a release of sodium hydroxide into the soil and ground water in the vicinity of MW-1 has caused naturally occurring molecules of humic acid (natural organic content of the soil) to be partly dissolved and partly suspended in the ground water as colloidal particles. Because of this release, the ground water in the immediate vicinity of MW-1 has been found to have elevated concentrations of dissolved sodium ion and pH levels of up to 9.6.

In July 1988 two additional monitoring wells, MW-2 and MW-3, were installed to assess the ground-water flow direction at the site. In August 1989, monitoring well MW-4 was installed downgradient from MW-1 to investigate the downgradient water quality. To date, the ground-water samples collected from monitoring wells MW-2, MW-3, and MW-4 have shown relatively neutral pH values (7.42 to 7.20) and no discoloration.

Based on the previous investigative results, Dames & Moore have demonstrated that natural processes in the aquifer are remediating the relatively high pH and discoloration of the ground water in the vicinity of MW-1. Thus, no additional remediation was proposed. In the May 23, 1990 letter, the CRWQCB concurred with Dames & Moore's conclusion and requested quarterly monitoring of MW-1 and MW-4 for a period of one year. The first quarterly monitoring was conducted in June, 1990. The results of the second quarterly monitoring was consistent with our previous monitoring results (see Table 1). This letter report presents the results of the second quarterly monitoring and sampling of MW-1 and MW-4.

2.0 PURPOSE AND SCOPE

The purpose of the program was to comply with the CRWQCB's request and to monitor the effectiveness of the natural processes

in remediating the discolored ground water found in monitoring well MW-1. The scope of work included:

- o collecting a ground-water sample from monitoring wells MW-1 and MW-4;
- o analyzing the ground-water samples for sodium, calcium, color, and pH; and
- o preparing this letter report to present our findings and conclusions.

3.0 INVESTIGATIVE METHODS

Monitoring wells MW-1 and MW-4 were sampled on September 7, 1990. Prior to sampling, each well was purged a minimum of three well volumes using a polyvinylchloride bailer. Water samples were collected using a disposable polyethylene bailer. Samples from each well were collected in bottles supplied by the analytical laboratory. These bottles were prepared by the analytical laboratory in accordance with standard EPA laboratory protocol. The bottles were filled using the submerged fill technique, leaving no headspace in the bottle. The sample bottles were labeled with the following information: sample number, date, collector name, owner, sample location, and time of collection. The samples were placed in an ice-cooled chest transported Del Mar Analytical of Irvine, California. Del Mar Analytical is certified by the California State Department of Health Services to perform the laboratory analyses. Chain of custody records were maintained throughout the sampling program.

The ground-water samples were analyzed for calcium by Environmental Protection Agency (EPA) Method 215.1, sodium by EPA Method 7770, pH by EPA Method 150.1, and color by EPA Method 110.2.

4.0 FINDINGS

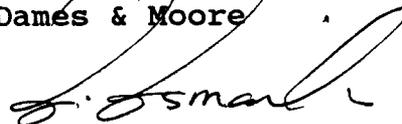
The analytical results of the second round of quarterly monitoring as well as the previous monitoring results are shown in Table 1. Copies of the Chain of Custody and the laboratory reports for the second quarterly monitoring are in Appendix A. In summary, the analytical results of the September, 1990 monitoring indicate similar sodium and calcium concentrations to the December, 1989 and June, 1990 monitoring results. The pH and ground-water discoloration in both wells, however, have diminished. The pH in Well MW-1 has been steadily decreasing and becoming less alkaline. These results are consistent with our previous conclusion that the discolored and relatively high pH ground water in the vicinity of MW-1 is becoming diluted and neutralized by natural processes. As stated in our previous reports, in our opinion additional remedial actions would not be necessary.

Delco Remy
October 25, 1990
Page 5

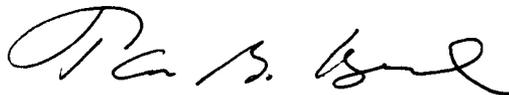
We trust this letter addresses your current requirements. Should you have questions regarding the contents of this letter or require additional information, please contact us.

Very truly yours,

Dames & Moore



Essi E. Esmaili, Ph. D.
Registered Geologist #4469
Associate



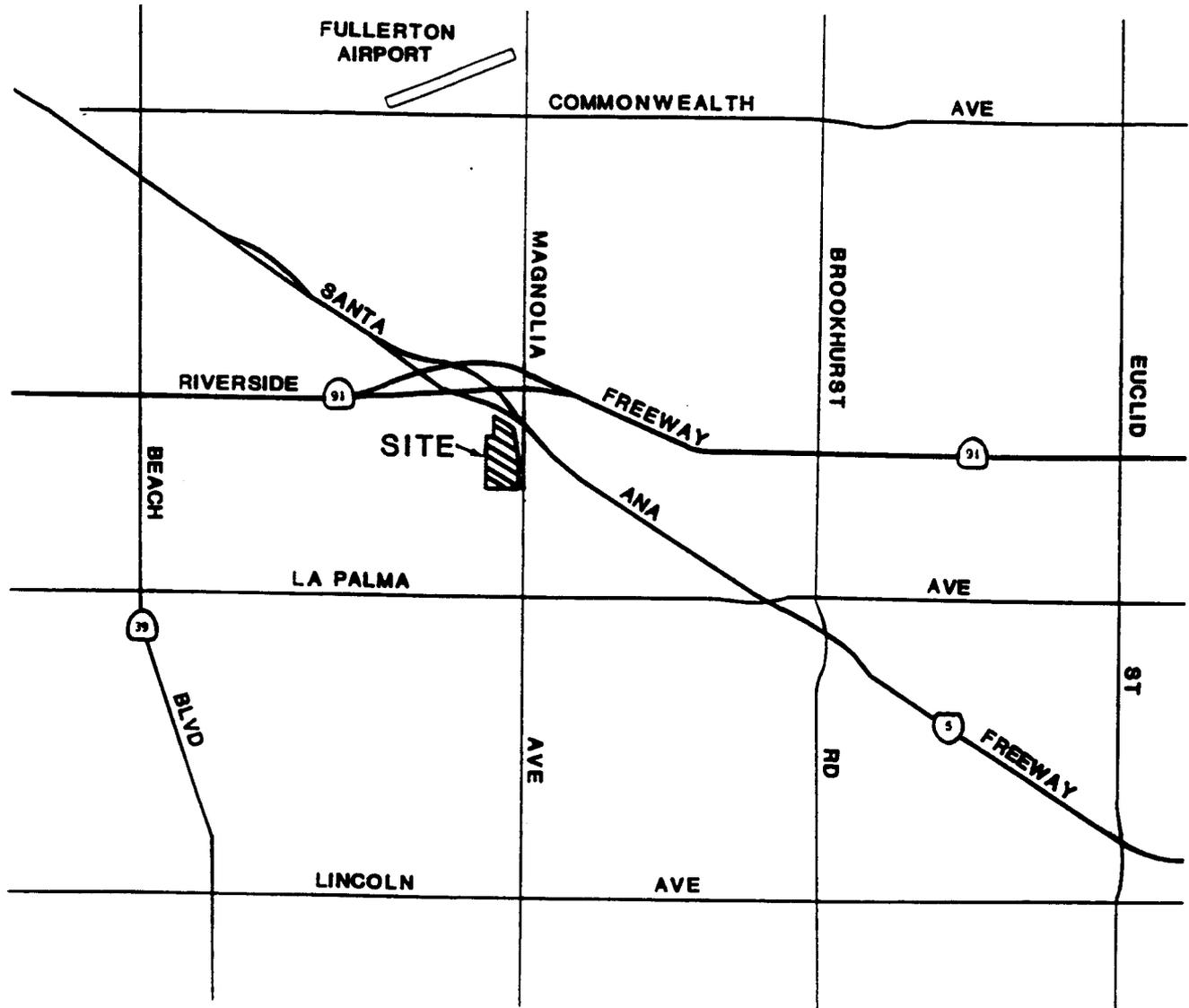
Taras B. Kruk
Project Geologist

Attachments: Table 1 (Results of Laboratory Analyses)
Appendix A (Chain of Custody and Laboratory Reports)

pc: DRQMR2.LTR

TABLE 1
RESULTS OF LABORATORY ANALYSES
FOR GROUND-WATER MONITORING
DELCO REMY
ANAHEIM, CALIFORNIA

Well No.	Color (APHA Color Units)	Sodium (ppm)	Calcium (ppm)	pH (units)
December, 1989				
MW-1	1000	660	12	9.72
MW-4	20	300	120	7.70
June, 1990				
MW-1	1000	680	12	9.12
MW-4	15	220	110	7.48
September, 1990				
MW-1	380	680	11	8.8
MW-4	5	220	140	7.2
<u>Explanation</u>				
ppm = parts per million				
APHA = American Public Health Association				
pH = hydrogen ion concentration				



VICINITY MAP
DELCO REMY SITE
ANAHEIM, CALIFORNIA

APPENDIX A
CHAIN OF CUSTODY AND LABORATORY REPORTS



Del Mar Analytical

18102 Sky Park South, Suite F • Irvine, CA 92714
(714) 261-1022 • FAX (714) 261-1228

Dames and Moore
6 Hutton Center Drive, Suite 700
Santa Ana, CA 92707
Attention: Taras Kruk

Client Project ID: 08160-128,
Delco Remy GW Monitoring
Sample Descript: Water, MW4
Lab Number: 009-0234

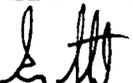
Sampled: Sep 7, 1990
Received: Sep 7, 1990
Analyzed: Sep 20, 1990
Reported: Sep 21, 1990

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit	Sample Results
pH	150.1	N.A.	7.2
Calcium, mg/L	215.1	0.05	140
Sodium, mg/L	7770	0.05	220
Color, APHA	110.2	N.A.	5.0

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL


Gary Steube
Laboratory Director



Del Mar Analytical

18102 Sky Park South, Suite F • Irvine, CA 92714
(714) 261-1022 • FAX (714) 261-1228

Dames and Moore
6 Hutton Center Drive, Suite 700
Santa Ana, CA 92707
Attention: Taras Kruk

Client Project ID: 08160-128,
Delco Remy GW Monitoring
Sample Descript: Water, MW1
Lab Number: 009-0233

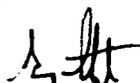
Sampled: Sep 7, 1990
Received: Sep 7, 1990
Analyzed: Sep 20, 1990
Reported: Sep 21, 1990

LABORATORY ANALYSIS

Analyte	EPA Method	Detection Limit	Sample Results
pH	150.1	N.A.	8.8
Calcium, mg/L	215.1	0.05	11
Sodium, mg/L	7770	0.05	680
Color, APHA	110.2	N.A.	380

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL


Gary Steube
Laboratory Director

Delco Remy



Division of General Motors Corporation 1201 North Magnolia Avenue P. O. Box 3190 Anaheim, California 92803-3190

January 9, 1990

Mr. Timothy Naprawa
Orange County Health Care Agency
2009 E. Edinger Avenue
Santa Ana, California 92702

Dear Mr. Naprawa:

Please find enclosed a Tank Closure Report prepared by Dames & Moore, Environmental Consultants, for Delco Remy, Anaheim, California.

This report documents the removal of one 500 gallon underground storage tank (UST) used for gasoline storage.

Please contact me at (714) 220-6048 if you have any further questions.

Sincerely,

KEN RAYLE
Project Engineer

Enc.

cc: Sylvia Mendez, Anaheim Fire Department
Garish Mathur, SCAQMD

902 UST

Post-It™ brand fax transmittal memo 7671 # of pages > 8

To	Eric	From	Tim Renner
Co.		Co.	
Dept.		Phone #	267-522-3354
Fax #	209-983-6960	Fax #	

TANK CLOSURE REPORT
DELCO REMY
1201 NORTH MAGNOLIA
ANAHEIM, CALIFORNIA

JOB NO. 14197-001-128
DECEMBER 22, 1989



DAMES & MOORE

SANTA ANA, CALIFORNIA

TANK CLOSURE REPORT
DELCO REMY
1201 NORTH MAGNOLIA
ANAHEIM, CALIFORNIA

1.0 INTRODUCTION

This report documents the removal of an approximately 500-gallon Underground Storage Tank (UST) from the Delco Remy facility in Anaheim, California (Figure 1). This work was conducted in accordance with an approved work plan by Orange County Health Care Agency (OCHCA), dated August 29, 1989, and a permit (Number 89-2733) obtained from South Coast Air Quality Management District (SCAQMD).

Dames & Moore was retained by Delco Remy to observe and document the removal of the UST from their facility in Anaheim, California. R. Fox Construction Company was also retained as a subcontractor by Delco Remy for this project. The R. Fox Construction Services consisted of excavation, removal, neutralization, and disposal of the UST that historically contained regular gasoline. The UST was located west and north of the main Delco Remy buildings (Figure 2). The tank was connected to a pump dispenser located towards the south end of the tank (Figure 3). According to Mr. Ken Rayle of Delco Remy, the tank was installed onsite in 1953, and has been in operation since 1954.

2.0 TANK REMOVAL

On November 6, 1989, the asphalt cover and surficial soils were removed to expose the UST. This procedure was not observed by Dames & Moore personnel. According to R. Fox Construction Company, there was no evidence of soil staining on the sides or top of the tank.

The tank removal was scheduled for November 7, 1989. However, a break in an adjacent water line forced the early

removal of the tank from the excavation on the afternoon of November 6. A small electric pump was used by Delco Remy personnel to remove most of the water in the pit prior to sampling. In addition, the bottom of the pit was excavated to drier soil approximately three feet beneath the bottom of the former tank. The final dimensions of the excavation were approximately 15 X 15 X 8 feet.

Removal of the tank was conducted under the supervision of Ms. Sylvia Mendez of the Anaheim Fire Department on November 7, 1989. The tank did not appear to have any perforations or rusted-through spots through which fuel may have leaked. Prior to removal, the tank was filled with dry ice. The removed tank was shipped to American Metal Recycling, Inc., for disposal under EPA manifest, as shown in Appendix A.

3.0 CONFIRMATORY SAMPLING

Subsequent to the tank removal, three confirmatory samples, two from the bottom of the excavation pit, and one from the spoil pile, were collected under the supervision of Mr. Timothy Naprawa of the OCHCA. The sampling locations are shown in Figure 3. The samples were collected in 2.5-inch diameter and 3-inch long stainless steel rings that were driven directly into the excavation bottom wall or spoil pile side. The open ends of the rings were covered with teflon sheeting and sealed with plastic end caps. Sample labels with the following information were affixed to one end of the rings: sample number, date and time of collection, project number and owner's name, collector's name and location. The sealed and labeled samples were immediately placed in a cooler with blue ice and shipped, cooled, to the laboratory for analysis. Chain-of-Custody forms are presented in Appendix B.

The three soil samples were analyzed chemically by Curtis and Tompkins Ltd. (CTL), Analytical Laboratory of Los Angeles, California. CTL is a California Department of Health

Services-certified laboratory. The samples were analyzed for Total Volatile Hydrocarbons (TVH) using gasoline as a standard by Modified EPA Method 8015 (California Department of Health Procedure), for Benzene, Toluene, total Xylenes and Ethylbenzene (BTXE) by EPA Method 8020, and for Total Lead using EPA Method 7420. Extraction for TVH was conducted by EPA Method 5030 Purge and Trap. TVH as gasoline and BTXE were not detected in any of the samples collected. Lead with a concentration of 2.5 parts per million (ppm) was detected in one of the two samples collected in the excavation pit. The spoil pile sample was found to contain lead with a concentration of 445 ppm. A summary of the analytical testing program and chemical testing results is included on Table I. Copies of the reports received from the analytical laboratory are included in Appendix C.

Organic vapor emissions in the excavation pit and from the spoil pile were monitored using a Photoionization Tip calibrated to known concentrations of hexane, and with a Gastehtor operated by Mr. Naprawa of the OCHCA. Readings were taken from newly-exposed soil scrapped off with a shovel or spatula from the bottom and sides of the excavation. Tip readings ranged from 1.5 to 1.8 ppm in the walls, and from 1.6 to 2.1 from the bottom of the pit. Vapor emissions from the spoil pile ranged from 0.6 to 1.1 ppm. These readings did not vary when the pile was dug into with a shovel. Ambient air ranged from 0.5 to 2.3 ppm. Readings with the Gastehtor ranged from 0 to 50 ppm in both the excavation pit and spoil pile.

4.0 BACKFILLING

As reported by Delco Remy (Mr. Ken Rayle, personal communication), the excavation pit was backfilled by imported material. R. Fox Construction supervised the placement and compaction of fill material. The excavated soil was stored onsite at the northwest field of the property for future handling.

5.0 DISCUSSION

Based on the analytical data of the soil samples analyzed, it is our opinion that the operation and removal of the approximately 500-gallon UST had not caused contamination of the surrounding soils, and therefore, no additional soil characterization or excavation is necessary. Our opinion is supported by the following findings:

- o Total Hydrocarbon Volatiles and BTXE were not detected in any of the samples collected in either the excavation or in the spoil pile;
- o Organic vapor emissions above background levels were not detected in either the excavation pit or in the spoil pile;
- o The lead detected in the spoil pile sample is most likely associated with the elevated levels of lead that have been detected in the nearby off-site areas and other parts of the Delco Remy facility. Therefore, the lead is not believed to be associated with any potential leak from the underground storage tank;

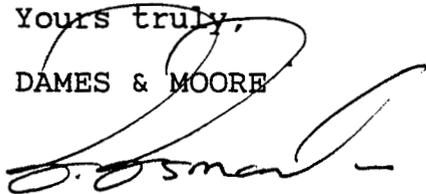
Please contact us if you have any questions about this project or require further assistance.

The following are attached and complete this report:

Table I	Laboratory Results
Figure 1	Vicinity Map
Figure 2	Site Plan
Figure 3	Tank Location Map and Tank Removal Sample Locations
Appendix A	Tank Disposal Documents and Manifests
Appendix B	Chain-of-Custody Records
Appendix C	Laboratory Reports

Yours truly,

DAMES & MOORE



E. Essi Esmaili, Ph.D.
Associate
Registered Geologist 4469

T. Gonzalez
Tania Gonzalez / E.E.
Geologist

Santa Ana, California
November 1989
EEE:TG:mdm
89EE.11-13

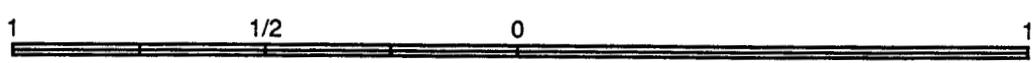
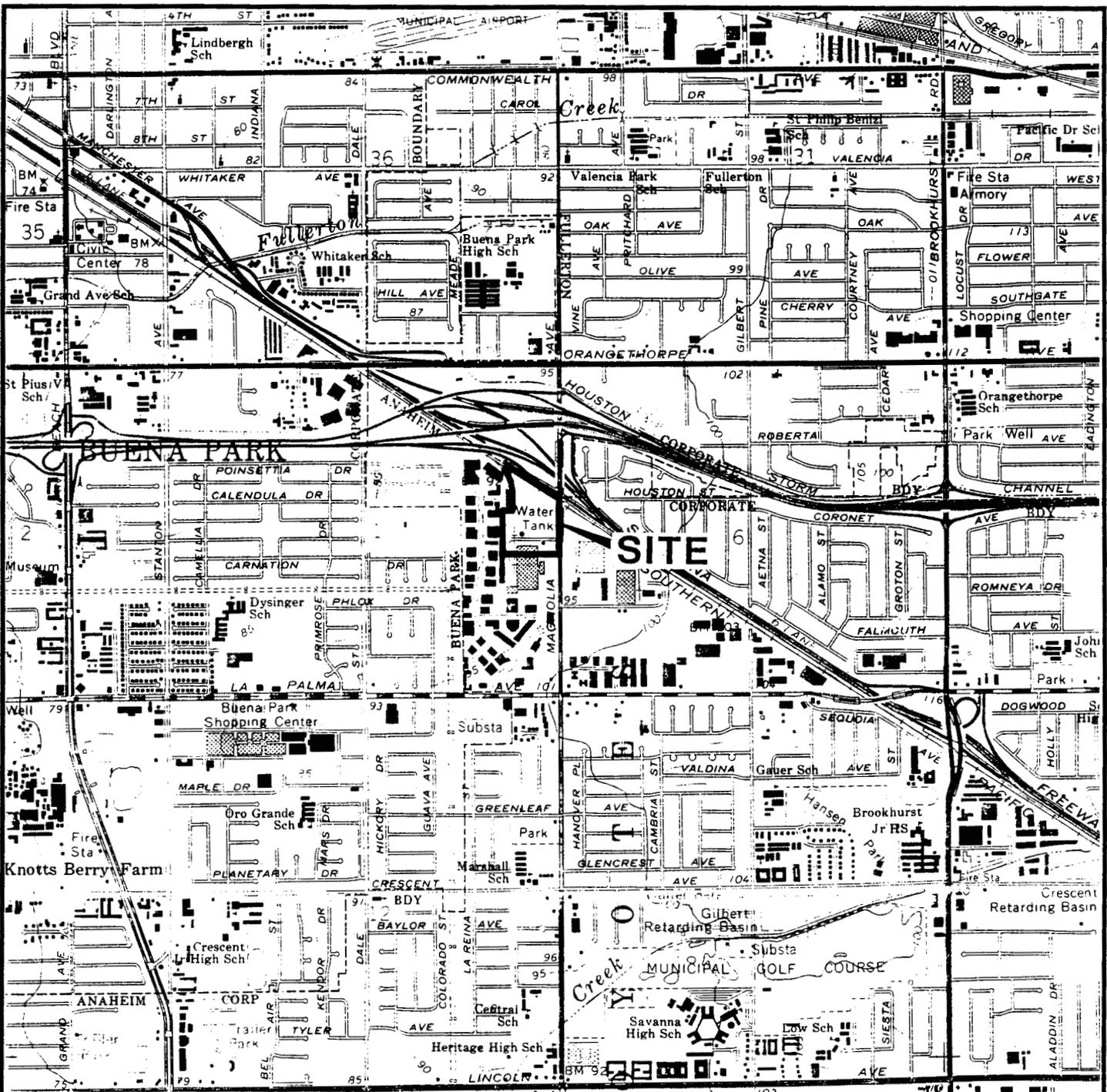
TABLE I
ANALYTICAL TESTING RESULTS
DELCO REMY - TANK CLOSURE

<u>Sample No.</u>	<u>Approximate Depth</u>	<u>TVH* (ppm)</u>	<u>Benzene (ppb)</u>	<u>Toluene (ppb)</u>	<u>Total Xylenes (ppb)</u>	<u>Ethyl Benzene (ppb)</u>	<u>Total Lead (ppm)</u>
SS-1	8-1/2 ft	ND	ND	ND	ND	ND	2.5
SS-2	9 ft	ND	ND	ND	ND	ND	ND
SS-P	3 inch into pile	ND	ND	ND	ND	ND	445

*TVH - Total Volatile Hydrocarbons with gasoline as standard analyzed by EPA Method Modified 8015

BTXE - Analyzed by EPA Method 8020

Total Lead - Analyzed by EPA Method 7420



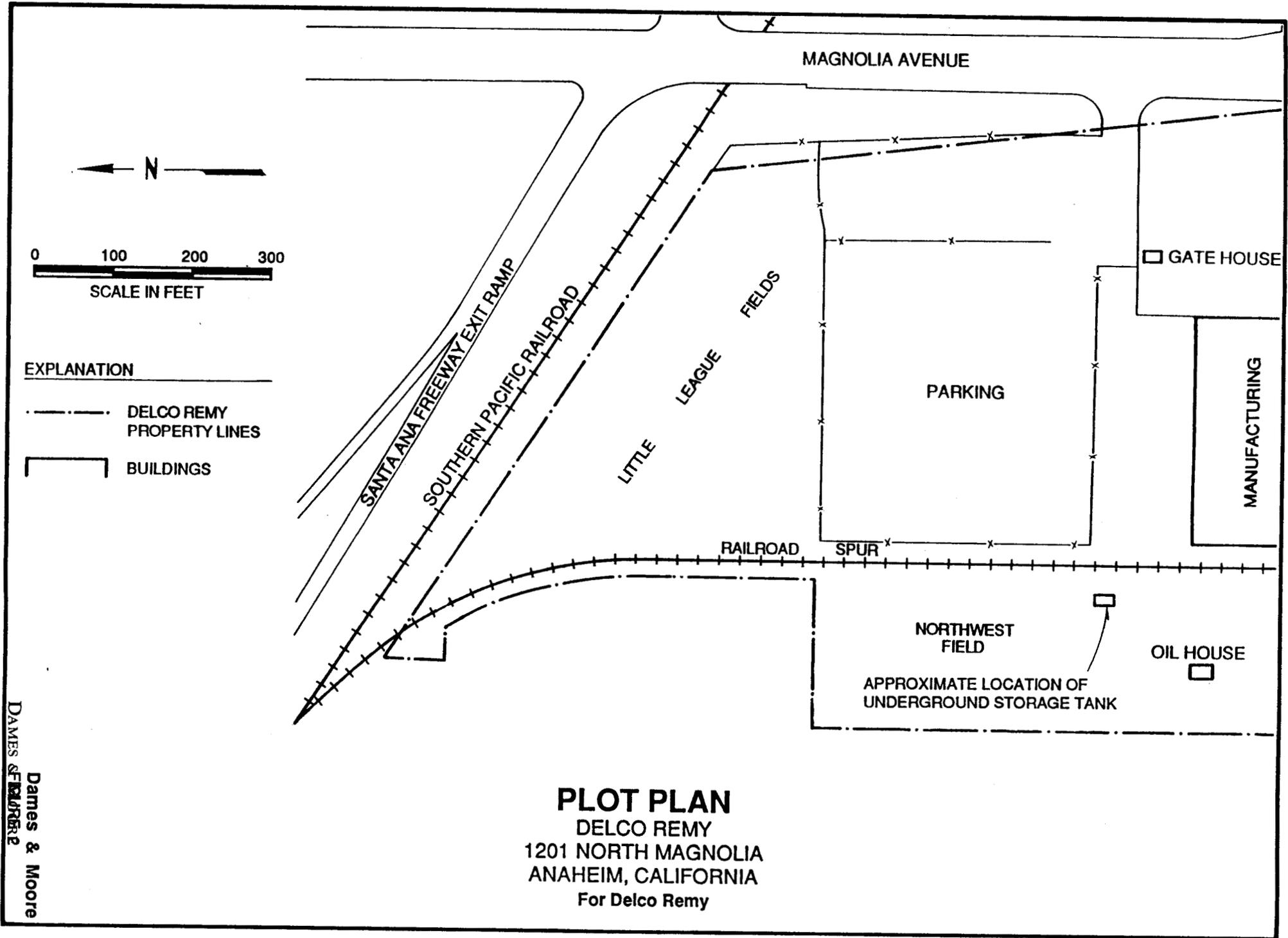
Scale in miles



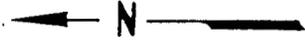
VICINITY MAP
 DELCO REMY
 1201 NORTH MAGNOLIA
 ANAHEIM, CALIFORNIA
 For Delco Remy

REFERENCE: USGS 7.5 Minute Series Topographic Maps, "Anaheim, California" Quadrangles, Photorevised 1981.

Dames & Moore
 FIGURE 1
 DAMES & MOORE



MAGNOLIA AVENUE

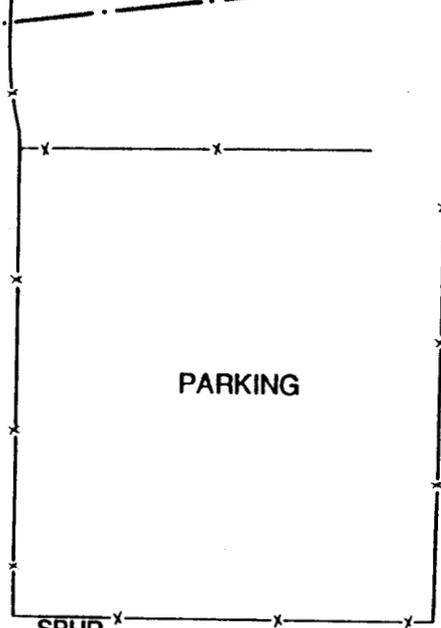


- EXPLANATION**
- · - · - DELCO REMY PROPERTY LINES
 - [] BUILDINGS

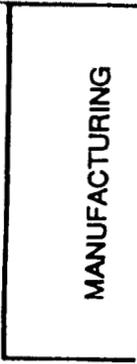
SANTA ANA FREEWAY EXIT RAMP

SOUTHERN PACIFIC RAILROAD

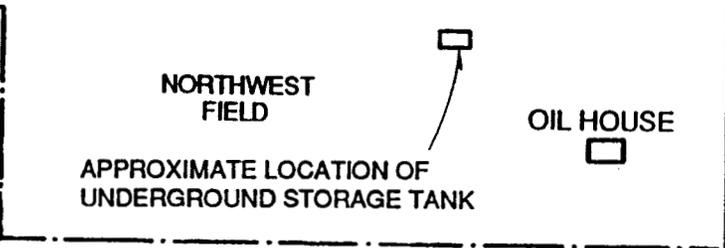
LITTLE LEAGUE FIELDS



[] GATE HOUSE

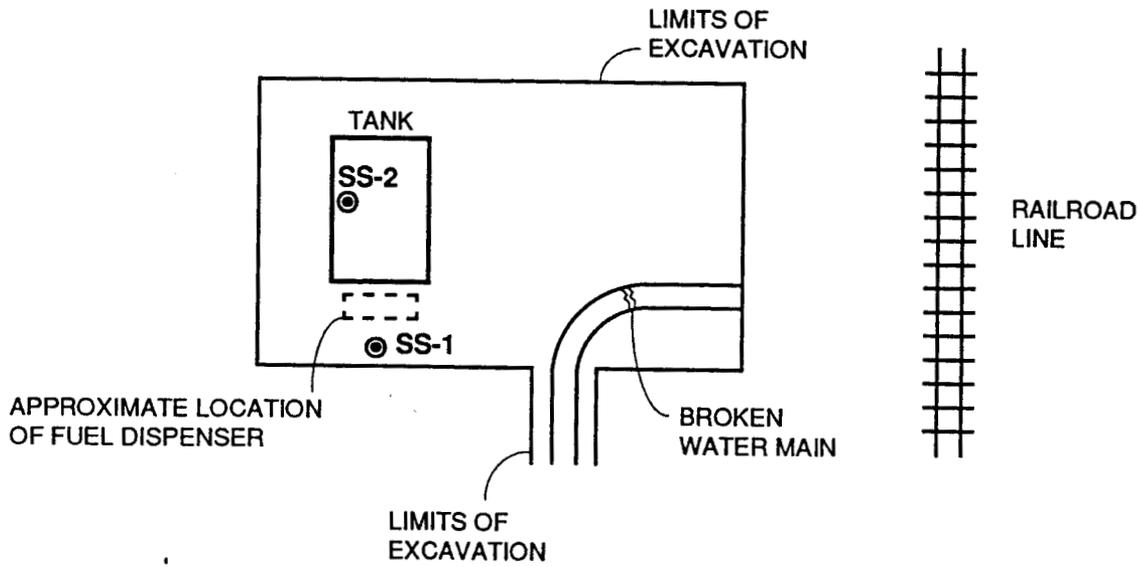


RAILROAD SPUR



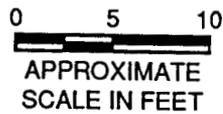
PLOT PLAN
 DELCO REMY
 1201 NORTH MAGNOLIA
 ANAHEIM, CALIFORNIA
 For Delco Remy

DAMES & MOORE



EXPLANATION

- SOIL SAMPLE LOCATION
- FORMER TANK LOCATION

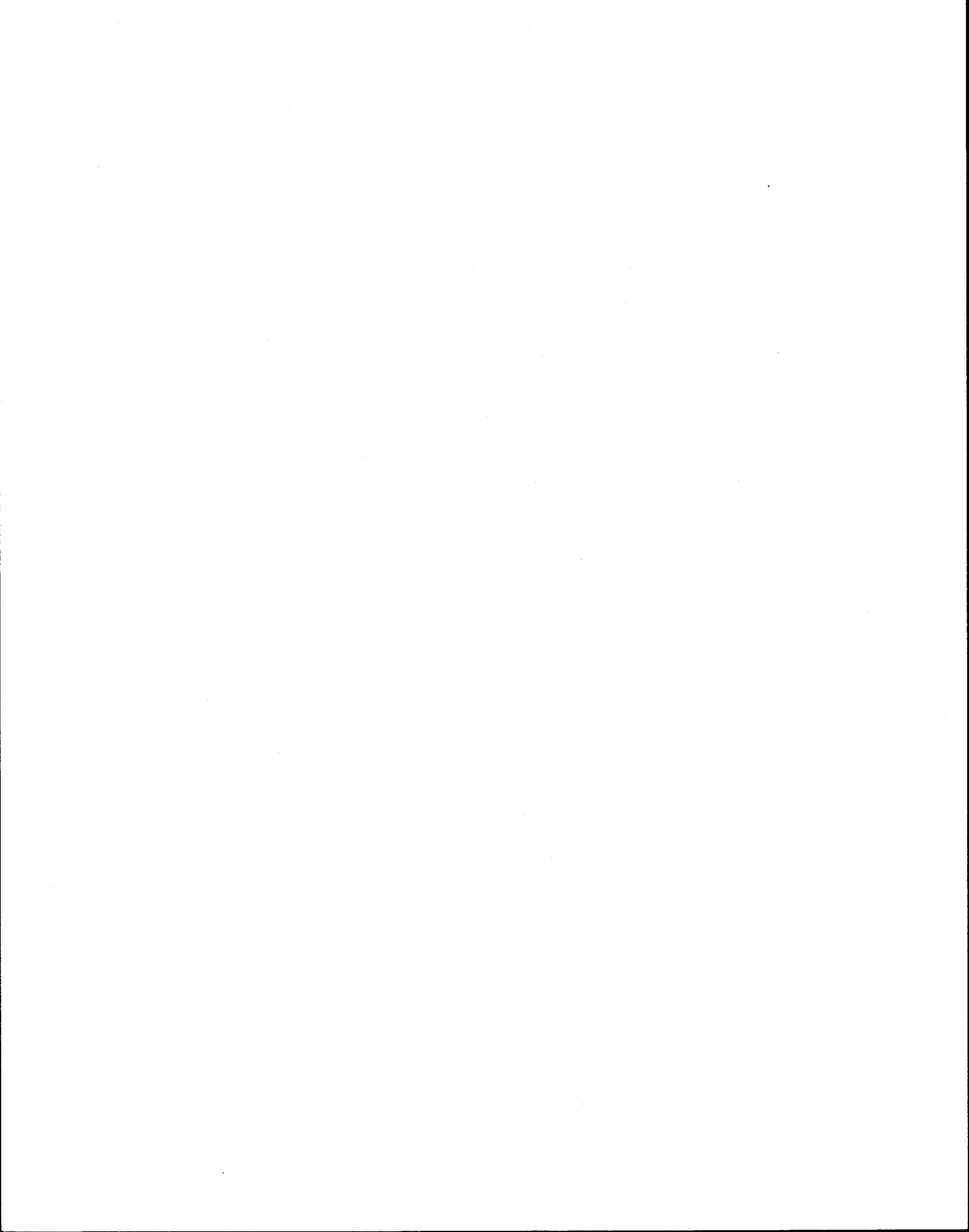


**TANK LOCATION MAP
 WITH TANK REMOVAL SAMPLE LOCATIONS**

TANK CLOSURE REPORT
 DELCO REMY
 1201 NORTH MAGNOLIA
 ANAHEIM, CALIFORNIA
 For Delco Remy

Dames & Moore
 FIGURE 3

DAMES & MOORE





2202 South Milliken Avenue
Ontario, CA 91761
(714) 988-8000

No. 32759

TANK DISPOSAL FORM

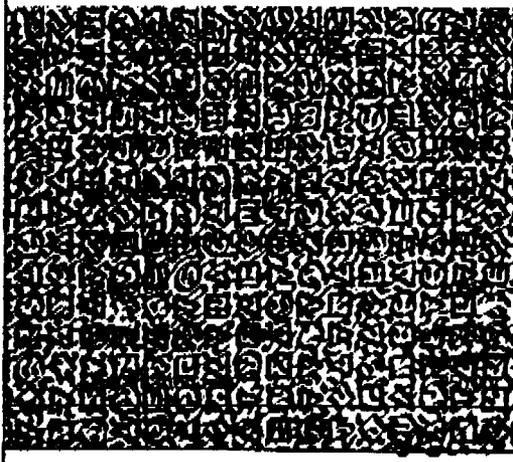
Date: NOV 2, 1989
Job # C-211
P.O. # _____

CONTRACTOR: R FOX CONSTRUCTION
ADDRESS: 2511 W. La Palma suite V Anaheim, CA 92801
JOB SITE: DELCO
ADDRESS: 1201 N. Magnolia Anaheim, CA
DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE: 11-7-89 TIME: 8:00 PROJECTED TANKS: 1-500 ORDERED BY: _____ LIC. NO. 5

SPECIAL INSTRUCTIONS:
BOBTAIL FEE

TIME IN: 8:00
TIME OUT: 8:45



QTY.	TANKS RECEIVED GALLONS	TYPE F'S*	NET TONS	TOTAL
—	280	<input type="checkbox"/> <input type="checkbox"/>	.14	.21
—	500	<input type="checkbox"/> <input checked="" type="checkbox"/>	.21	
—	550	<input type="checkbox"/> <input type="checkbox"/>	.24	
—	1000 - 12 ft.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	.44	
—	1000 - 6 ft.	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	.61	
—	1500	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	.87	
—	2000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	.97	
—	2500	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1.14	
—	3000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1.32	
—	4000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	1.64	
—	5000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2.42	
—	6000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	2.84	
—	7500	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3.26	
—	8000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3.44	
—	9000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	3.82	
—	10000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	4.33	
—	12000	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	4.93	

All fees incurred are per load unless specified. Terms are net 30 days from date of invoice. Contractor's signature represents acceptance of terms for payment, and confirms that tank removal complies with state laws.
[Signature]
CONTRACTOR'S SIGNATURE

NO. OF TANKS 1 TOTAL NET TONS .21
*F - FIBERGLASS *S - STEEL 105

CERTIFICATE OF TANK DISPOSAL / DESTRUCTION
THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

Cheryl Kerio
AUTHORIZED REP.

NOV 7, 1989
DATE

GENERATOR COPY

Please print or type. (Form designed for use on a 12-pitch typewriter).

88065619

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-953-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST Generator's US EPA ID No. Manifest No. 2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

Generator's Name and Mailing Address: DELCO REMY DIVISION OF GENERAL MOTORS, 1201 N. MAGNOLIA AVE, ANAHEIM, CA 92801

A. State Manifest Document Number: 88065619

Generator's Phone: (714) 220-6040

Transporter 1 Company Name: ADAMS TRUCKING, US EPA ID Number: CAD980737001

C. State Transporter's ID: 011090

D. Transporter's Phone: (213) 371-8959

Designated Facility Name and Site Address: GIBSON OIL & REFINING CO INC, 321 STANDARD ST, BAKERSFIELD, CA 93308, US EPA ID Number: CAD980883177

E. State Facility's ID: (805) 327-0413

Table with 5 columns: 11. US DOT Description, 12. Containers No., 13. Total Quantity, 14. Unit, 1. Waste No. Row 1: WASTE COMBUSTIBLE LIQUID NOS NA 1993, 001 TT, 000506, State 241, EPA/Other NONE

J. Additional Descriptions for Materials Listed Above: GAS, WATER, MIXTURE

K. Handling Codes for Wastes Listed Above: a. 01

15. Special Handling Instructions and Additional Information: GLOVES, GOGGLES, NO SMOKING

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.

Printed/Typed Name: RONALD J. BURKE, Signature: [Signature], Month Day Year: 11/06/89

17. Transporter 1 Acknowledgement of Receipt of Materials: Printed/Typed Name: THOMAS E ORTEGA, Signature: [Signature], Month Day Year: 11/06/89

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 16. Printed/Typed Name, Signature, Month Day Year

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. **CA000832339600007**

Information by the generator is not replaced by Federal law.

3. Generator's Name and Mailing Address
DELCO REMY DIVISION OF GENERAL MOTORS
1201 N MAGNOLIA AVE ANAHEIM, CA 92801

4. Generator's Phone (714) **220-6640**

5. Transporter 1 Company Name **ADAMS TRUCKING** US EPA ID Number **CA0960737001**

7. Transporter 2 Company Name _____ 8. US EPA ID Number _____

9. Designated Facility Name and Site Address **GIBSON OIL REFINING CO INC** US EPA ID Number **CA0980883177**
3171 STANDARD ST
FAKERSFIELD, CA 93308

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit (Wt/Vol)
	No.	Type		
a. WASTE COMBUSTIBLE LIQUID NOS NA 1973	001	TT	00050G	
b.				
c.				
d.				

9005-2

13. Additional Descriptions for Materials Listed Above
GAS, WATER, MIXTURE

15. Special Handling Instructions and Additional Information
GLASS, GOGGLES
NO SMOKING

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 **X RONALD J. BURK** Signature **X [Signature]** Month Day Year **X 11/10/89**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **THOMAS E. ORTEGA** Signature **[Signature]** Month Day Year **11/10/89**

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name _____ Signature _____ Month Day Year _____

19. Discrepancy Indication Space
ACTUAL GALLONS 44.00
 "This manifest is non-conforming to the requirements for manifest documentation dates required after January 1, 1989."

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest
 Printed/Typed Name **[Signature]** Signature **[Signature]** Month Day Year **11/10/89**

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-6802; WITHIN CALIFORNIA CALL 1-800-852-7858

GENERATOR RECEPTOR FACILITY



COUNTY OF ORANGE/HEALTH CARE AGENCY
 ENVIRONMENTAL HEALTH (714) 834-8020
 1725 WEST 17TH STREET, P.O. BOX 355
 SANTA ANA, CA 92702
 WASTE MANAGEMENT SECTION

CHAIN OF CUSTODY

- 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.: _____
 DATE RECEIVED: _____
 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

SAMPLE LOCATION: DELCO REMY
1201 N. MAGNUMA
ANAHEIM, CA
 DATE OF COLLECTION: 11/7/89
 SAMPLE COLLECTOR: T. NAPRAWA
 TELEPHONE NO.: (714) 667 3658

6. SAMPLE INFORMATION

SAMPLE NUMBER	DETERMINATION REQUESTED	SAMPLE DESCRIPTION/COMMENTS
SS 1	8020/TPH*/Pb	
SS 2	8020/TPH*/Pb	
S SP	8020/TPH*/Pb	Spills Sample * return per T. Grogan 11/19/89
		* USE DHS method for TPH (gasoline) - purge and trap

7. CHAIN OF CUSTODY

1.	<u>[Signature]</u> SIGNATURE	HAZARDOUS WASTE SPECIALIST TITLE	11/7/89 - 11/7/89 INCLUSIVE DATES
2.	<u>[Signature]</u> SIGNATURE	Geologist / Dana's Moore TITLE	11/7/89 - 11/7/89 INCLUSIVE DATES
3.	<u>[Signature]</u> SIGNATURE		11/7/89 INCLUSIVE DATES
4.	<u>[Signature]</u> SIGNATURE	SP Technician TITLE	11/7/889 INCLUSIVE DATES
5.	_____ SIGNATURE	_____ TITLE	_____ INCLUSIVE DATES
6.	_____ SIGNATURE	_____ TITLE	_____ INCLUSIVE DATES





Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

1250 S. Boyle Ave., Los Angeles, CA 90023, Phone (213) 269-7421, Fax (213) 268-5328

DATE RECEIVED: 11/07/89

DATE REPORTED: 11/08/89

PAGE 1 OF 3

LAB NUMBER: 25063

CLIENT: DAMES & MOORE

REPORT ON: THREE SOIL SAMPLES

PROJECT #: DELCO REMY

LOCATION: 1201 N. MAGNOLIA ANAHEIM

RESULTS: SEE ATTACHED


Laboratory Director



LABORATORY NUMBER: 25063
CLIENT: DAMES & MOORE
PROJECT #: DELCO REMY
LOCATION: 1201 N. MAGNOLIA, ANAHEIM

DATE RECEIVED: 11/07/89
DATE ANALYZED: 11/08/89
DATE REPORTED: 11/08/89
PAGE 2 OF 3

METHOD: EPA 8015 (MODIFIED), EPA 8020
TOTAL VOLATILE HYDROCARBONS AS GASOLINE IN SOILS AND WASTE
BENZENE, TOLUENE, XYLENES, ETHYL BENZENE
EXTRACTION: EPA 5030 PURGE & TRAP

LAB ID	SAMPLE ID	TVH AS GASOLINE (mg/Kg)	BENZENE (ug/Kg)	TOLUENE (ug/Kg)	TOTAL XYLENES (ug/Kg)	ETHYL BENZENE (ug/Kg)
1	SS 1	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)
2	SS 2	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)
3	S SP	ND (10)	ND (5)	ND (5)	ND (5)	ND (5)

ND = NOT DETECTED; LIMIT OF DETECTION IN PARENTHESES.

QA/QC DATA SUMMARY:

Precision (Relative % Difference):	6
Accuracy (Spike % Recovery):	86



LABORATORY NUMBER: 25063
CLIENT: DAMES & MOORE
PROJECT #: DELCO REMY
LOCATION: 1201 N. MAGNOLIA, ANAHEIM

DATE RECEIVED: 11/07/89
DATE ANALYZED: 11/08/89
DATE REPORTED: 11/08/89
PAGE 3 OF 3

ANALYSIS: TOTAL LEAD IN SOIL AND WASTE

C&T ID	SAMPLE ID	RESULT	UNITS	DETECTION LIMIT	METHOD
1	SS 1	2.5	mg/Kg	2.5	7420
2	SS 2	ND	mg/Kg	2.5	7420
3	S SP	445	mg/Kg	2.5	7420

ND = NOT DETECTED

QA/QC DATA SUMMARY:

Precision (Relative % Difference)	<1
Accuracy (Spike % Recovery)	92



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

1250 S. Boyle Ave., Los Angeles, CA 90023, Phone (213) 269-7421, Fax (213) 268-5328

DATE RECEIVED: 11/09/89

DATE REPORTED: 11/09/89

PAGE 1 OF 2

LAB NUMBER: 25075

CLIENT: DAMES & MOORE

REPORT ON: ONE SOIL SAMPLE

PROJECT #: DELCO REMY

LOCATION: 1201 N. MAGNOLIA

RESULTS: SEE ATTACHED


Laboratory Director



LABORATORY NUMBER: 25075
CLIENT: DAMES & MOORE
PROJECT #: DELCO REMY
LOCATION: 1201 N. MAGNOLIA

DATE RECEIVED: 11/09/89
DATE ANALYZED: 11/09/89
DATE REPORTED: 11/09/89
PAGE 2 OF 2

TOTAL LEAD ANALYSIS IN SOIL AND WASTE, EPA 7420

C&T ID	SAMPLE ID	LEAD (mg/Kg)
1	S SP; 25063-3	440

LIMIT OF DETECTION = 2.5 MG/KG.

QA/QC DATA SUMMARY:

Precision (Relative % Difference)	2
Accuracy (Spike % Recovery)	102

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT DELPHI CORPORATION'S COUNSEL'S REQUEST**

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**DELPHI CORPORATION
ANAHEIM BATTERY OPERATIONS
1201 N. MAGNOLIA AVE.
ANAHEIM, CALIFORNIA**

**Prepared For:
Delphi Corporation**

**NOVEMBER 2004
REF. NO. 37616-01 (2)**
This report is printed on recycled paper.

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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates (CRA) was retained by Delphi Corporation (Delphi) to complete a Phase I Environmental Site Assessment (ESA) of the Delphi Corporation Anaheim Battery Operations facility located at 1201 N. Magnolia Avenue in Anaheim, Orange County, California (Site or Property). The purpose of the Phase I ESA was to identify recognized environmental conditions (RECs), as defined by ASTM Standard E1527-00, at the Site. This ESA was conducted to assist Delphi in evaluating business environmental risk, as defined in ASTM E1527-00, for the Site. The Phase I ESA Site inspection was conducted by CRA on October 5 and 6, 2004.

The Site consists of a 26-acre parcel of land occupied by an active, one story manufacturing building with a total of 285,568 square feet of floor space, three warehouse buildings and various ancillary buildings. Delphi currently occupies the Site for the manufacture of lead acid storage batteries for the automotive industry.

Based on the Phase I ESA including the Site inspection, database search, historic records reviewed, information provided by Site personnel, and interviews, the following potential RECs were identified at the Site.

POTENTIAL HISTORIC RECOGNIZED ENVIRONMENTAL CONDITIONS

Potential historic RECs identified at the Site were as follows:

- i) **Leaking Underground Storage Tanks (LUSTs):** According to Site reports reviewed, six USTs were removed from two areas at the Site in 1986. Neither the removal report nor any documentation regarding the regulatory status of the UST areas could be located at the Site. Additionally, indications are that monitoring wells were associated with the UST removal and no documentation regarding the status of these wells was available. The database information obtained from EDR indicates that the USTs are listed as closed; however, no information was available for CRA to review
- ii) **Former Lead Reclamation Area:** Up until the mid-1980's, scrap lead was reclaimed in the area now occupied by the Site's hazardous waste storage area. The floor in this area is concrete and shows signs of wear and cracking.

POTENTIAL CURRENT RECOGNIZED ENVIRONMENTAL CONDITIONS

The following potential current RECs were identified at the Site:

- i) **Above Ground Storage Tanks (ASTs)**: All acid ASTs are situated on top of acid resistant bricks that sit on top of the concrete slab. While secondary containment for all spilled liquids is present, there was a significant amount of liquid pooled around the base of the tanks. Based on the condition of the bricks, the potential for a release from this area is high. Potential impact to underlying soils could not be determined.
- ii) **Raw Material and Chemical Use and Storage**: At several locations within the production area, acid is drained and recharged in the individual batteries. This is done in areas where the floor is covered with acid resistant bricks. Based on observations during the Site inspection, the integrity of these bricks is questionable, with an associated risk for release. Potential impact to underlying soils could not be determined.
- iii) **Battery Charging Tables**: In the main production building there are battery charging tables with underflow ventilation. Around each of these tables, concrete cracks were observed along with sulfuric acid residue buildup. The potential impact from a release from this area to underlying soils could not be determined.
- iv) **Oil Processing Area**: Used oils are transferred from the production area to the used oil processing building via transport carts. It is then dumped into the used oil handling sump from which it is pumped through a particle separator and then to the holding tank. The integrity of the sump could not be determined during the Site inspection. Potential impact to underlying soils could not be determined.
- v) **Solid Wastes**: According to Site personnel and as observed by CRA, dry sweeper material from the cleaning of the outside pavement areas has been dumped in the northwest area of the Site; adjacent to the gravel former truck parking area. This activity no longer occurs, and the majority of the material has been removed and properly disposed of off Site. However, it is very likely that these sweepings contained minor amounts of lead and may have impacted Site soils.
- vi) **Spills/Releases of Lead Dust**: Releases of lead oxide may have occurred in at the Site. The extent to which these releases have impacted Site soil and groundwater quality is not known. There are no known or documented releases of lead oxide dust.

RECOGNIZED ENVIRONMENTAL CONDITIONS

CRA has performed a Phase I Environmental Site Assessment of the industrial Property and buildings located at 1201 N. Magnolia Avenue in Anaheim, California in conformance with the scope and limitations of ASTM Practice E1527-00. Any exceptions to or deletions from this practice are described in Section 1.0 of this report. This assessment has identified the following recognized environmental conditions at this Site:

- Leaking USTs;
- Former Lead Reclamation Area;
- ASTs;
- Raw Material and Chemical Use and Storage;
- Battery Charging Tables;
- Used Oil Processing Area;
- Solid Wastes; and
- Spills/Releases of Lead Dust.

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) was retained by Delphi Corporation (Delphi) to complete a Phase I Environmental Site Assessment (ESA) of the Delphi Corporation, Anaheim Battery Operations facility located at 1201 N. Magnolia Avenue in Anaheim, Orange County, California (Property or Site). The purpose of the Phase I ESA was to identify recognized environmental conditions (RECs), as defined by ASTM Standard E1527-00, at the Site. This ESA was conducted to assist Delphi in evaluating business environmental risk, as defined in ASTM E1527-00, for the Site. The Phase I ESA Site inspection was conducted by CRA on October 5 and 6, 2004. A Site location map is provided on Figure 1. A Site plan is provided on Figure 2.

The Site consists of a 26-acre parcel of land occupied by an active, one story manufacturing building with a total of 285,568 square feet of floor space, three warehouse buildings and various ancillary buildings. Delphi currently occupies the Site for the manufacture of lead acid storage batteries for the automotive industry.

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-00 for conducting environmental assessments. The assessment included an environmental database search, historical records review, a Site inspection of accessible areas, a review of relevant Site records made available to CRA, and interviews with individuals associated with the Site. No exceptions to ASTM E1527-00 were taken during this Phase I ESA. This Phase I ESA was prepared by Mr. Erik Friedrich and Mr. Brian Boevers of CRA. Copies of curriculum vitae outlining their qualifications are contained in Appendix A.

The following tasks were conducted during the assessment:

- review of Federal and State environmental databases and historical records (e.g., fire insurance maps, topographic maps, etc.);
- review of Property title information;
- review of aerial photographs of the Site;
- review of past and current Property use and adjacent property occupancy;
- inspection of the facilities, equipment, utility services, operations, and associated Site records;
- observations of conditions that represented potential environmental concerns;
- review of chemical use and storage and spill/release incidents;

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- review of the results of prior inspections conducted at the Site;
- review of waste handling, accumulation, storage, and disposal practices;
- review of air emissions and wastewater discharges;
- review of equipment that potentially contain polychlorinated biphenyls (PCBs);
- observation of potential asbestos-containing materials and lead-based paint;
- review of aboveground and underground storage tank records;
- review of environmental related permits and their present compliance status; and
- inquiries with regulatory agencies and discussions with persons knowledgeable of the Site and Site operations.

CRA relied on information received from regulatory agencies and Site personnel as accurate unless contradicted by written documentation or field observations.

The following report summarizes the information gathered by CRA during the Phase I ESA, including any recognized environmental conditions, as defined in ASTM Standard E1527-00, and substantive environmental compliance issues at the Site.

The Phase I ESA has been prepared for the use of Delphi and may not be relied upon by any other party without written consent from CRA.

2.0 ENVIRONMENTAL DATABASES SEARCH AND HISTORICAL RECORDS SEARCH

2.1 ENVIRONMENTAL DATABASES SEARCH

CRA contracted Environmental Data Resources, Inc. (EDR) to conduct a search of federal and state environmental databases. Based on the address of the Site, the database searches were completed to assist in the identification of conditions at the Site and within a radius distance specified in ASTM Standard E1527-00. A copy of the database search is included as Appendix B. The following databases were searched with the findings as follows:

2.1.1 FEDERAL DATABASES

1. National Priority List (NPL) - The NPL is a United States Environmental Protection Agency (USEPA) listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL Sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between the USEPA and potentially responsible parties, any liens filed against contaminated properties, as well as the past and current USEPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).

FINDING: According to the databases searched, the Site was not on the NPL. No sites within a one-mile radius of the Site were on the NPL.

2. Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) - The CERCLIS List contains data on potentially hazardous waste sites that may 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 be or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.

FINDING: According to the databases searched, the Site was not on the CERCLIS List. No sites within a half-mile radius of the Site were on the CERCLIS List.

3. No Further Remedial Action Planned Sites Report (NFRAP) - As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. USEPA has removed approximately 25,000 CERCLIS sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so USEPA does not needlessly repeat the investigations in the future. This policy change is part of the USEPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

FINDING: According to the databases searched, the Site was listed in the NFRAP Sites Report (see Section 3.8). No sites within a quarter-mile radius of the Site were listed in the NFRAP Sites Report.

One site was listed in the NFRAP Sites Report, but could not be located with respect to the Site due to incomplete address information, this being Hooker Chemical & Plastics Corporation located at 5460 Knott Avenue.

4. Resource Conservation and Recovery Information System (RCRIS) - Non-Corrective Action Treatment, Storage and Disposal (TSD) Facilities Report - The RCRIS-TSD Report contains information regarding those facilities that either treat, store or dispose of USEPA-regulated hazardous waste. The following information also is included in the RCRIS-TS Report: information regarding the status of facilities tracked by the Resource Conservation and Recovery Act (RCRA) Administrative Action Tracking System (RAATS); inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was listed in the RCRIS-TSD Report (see Section 3.8). No sites within a one-mile radius of the Site were listed in the RCRIS-TSD Report.

One site was listed in the RCRIS-TSD Report, but could not be located with respect to the Site due to incomplete address information, this being Hooker Chemical & Plastics Corporation located at 5460 Knott Avenue.

5. Resource Conservation and Recovery Act (RCRA) - Corrective Action (CORRACTS) Report - The CORRACTS Report contains information pertaining to hazardous waste treatment, storage and disposal facilities (RCRA TSDs) which have conducted or are currently conducting corrective actions as regulated by the Resource Conservation and Recovery Act. The following information also is included in the CORRACTS Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was listed in the CORRACTS Report (see Section 3.8). No sites within a one-mile radius of the Site were listed in the CORRACTS Report.

One site was listed in the CORRACTS Report, but could not be located with respect to the Site due to incomplete address information, this being Hooker Chemical & Plastics Corporation located at 5460 Knott Avenue.

6. Resource Conservation and Recovery Information System - Large Quantity Generators (RCRIS-LQG) Report - The RCRIS-LQG Report contains information regarding facilities that either generate more than 1,000 kilograms (kg) of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRIS-LQG Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was listed in the RCRIS-LQG Report (see Section 3.8). No adjacent sites were listed in the RCRIS-LQG Report. The following sites within a quarter-mile radius of the Site were listed in the RCRIS-LQG Report:

<u>Facility</u>	<u>Address</u>
Fuji Anaheim Color Lab Inc.	2665 Woodland Drive
Century Laminators	1182 Knollwood Circle
Micel Inc.	1240 N. Knollwood Circle

Century Laminators Inc.

1225 N. Knollwood Circle

7. Resource Conservation and Recovery Information System - Small Quantity Generators (RCRIS-SQG) Report - The RCRIS-SQG Report contains information regarding facilities that either generate between 100 kg and 1,000 kg of USEPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRIS-SQG Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the USEPA; and a complete listing of USEPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was not listed in the RCRIS-SQG Report. One adjacent site was listed in the RCRIS-SQG Report, this being FHP Anaheim Commercial Center located at 1236 N. Magnolia Avenue. The following additional sites within a quarter-mile radius of the Site were listed in the RCRIS-SQG Report:

<u>Facility</u>	<u>Address</u>
S and S Metals Inc.	2607 W. Woodland Drive
FHP Anaheim Senior Center	1200 N. Magnolia
Harvey Hubbell, Inc.	1212 N. Hubbell Way
Milwaukee Electric Tool	1130 N. Magnolia
Star Laminators	2665 W. Woodland Drive
Wesval Inc.	2545 W. Via Palma
Water & Energy Systems Technology	2516 Woodland Drive
Shell Service Station	1101 N. Magnolia
Portable X-Ray Labs Inc.	1151 Knollwood Circle
Optima Assett Management	1161 Knollwood Circle
Ellsworth Truck	1167 Knollwood
L&S Machine Enterprises	1190 Knollwood Circle
IPC Cal Flex Inc.	1255 N. Knollwood Circle
Aggressive Engineering Corp.	1235 N. Knollwood Circle

The following sites were listed in the RCRIS-SQG Report, but could not be located with respect to the Site due to incomplete address information:

<u>Facility</u>	<u>Address</u>
General Telephone of Ca.	2311 E. Anaheim Road
Hooker Chemical & Plastics Corp.	5460 Knott Avenue.

8. Emergency Response Notification System (ERNS) - ERNS records and stores information on reported releases of oil and hazardous substances.

FINDING: According to the databases searched, the Site was not listed in the ERNS.

9. Toxic Chemical Release Inventory System (TRIS) - The TRIS Database identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

FINDING: According to the databases searched, the Site was listed in the TRIS Database. No sites within a half-mile radius of the Site were listed in the TRIS Database.

2.1.2 STATE DATABASES

1. California Underground Storage Tank (UST) Database - The California UST Database contains a list of active UST facilities gathered from the local regulatory agencies.

FINDING: According to the databases searched, the Site was listed in the California UST Database (see Section 2.4). One adjacent site was listed in the California UST Database, this being Talbert Medical Group Anaheim located at 1236 N. Magnolia Avenue. The following additional sites within a quarter-mile radius of the Site were listed in the California UST Database:

<u>Facility</u>	<u>Address</u>
Hubbell Lighting Division	1212 N. Hubbell Way
Metro Media Paging Service	1125 N. Magnolia
Good Guys Lube N Tune	2604 W. La Palma Avenue
Target Station 88	2604 W. La Palma Avenue
Arco Master Auto Repair	2604 W. La Palma Avenue
Chico Petroleum #1	1013 W. 1 st Street
Jack N The Box Restaurant #35	2508 W. Woodland Drive

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Century Laminators, Inc.

1225 N. Knollwood Circle

Number of Tanks and Status information was not provided in the EDR database.

The following sites were listed in the California UST Database, but could not be located with respect to the Site due to incomplete address information:

<u>Facility</u>	<u>Address</u>
Arco #203	1700 W. La Palma Avenue
Anaheim 76 #254705	2585 W. La Palma Avenue
ANHMCA1W-ANA POP	2461 W. La Palma Avenue
Chevron #93558	2175 W. La Palma Avenue
S&R Industrial Sheet Metal	2535 W. La Palma Avenue
Unocal #4705	2585 W. La Palma Avenue
Ed's Chevron #9-3558	2175 W. La Palma Avenue

2. California Historical UST Database - The California Historical UST Database is a historical listing of underground storage tanks.

FINDING: According to the databases searched, the Site was listed in the California Historical UST Database (see Section 2.4). No adjacent sites were listed in the California Historical UST Database. The following sites within a quarter-mile radius of the Site were listed in the California Historical UST Database:

<u>Facility</u>	<u>Address</u>
Water & Energy Systems Technology	2516 Woodland Drive
Union Oil Service Station	2585 W. La Palma Avenue
Station #4705	2585 W. La Palma Avenue
Station 088	2604 W. La Palma Avenue
CW Poss., Inc.	2508 W. Woodland Drive
Aggressive Engineering Corp.	1235 N. Knollwood Circle
Century Laminators Inc.	1225 N. Knollwood Circle

One site was listed in the California Historical UST Database, but could not be located with respect to the Site due to incomplete address information, this being Chevron #93558 located at 2175 W. La Palma Avenue.

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3. California Facility Inventory Database (FID) UST Database - The California FID UST Database contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board.

FINDING: According to the databases searched, the Site was listed in the California FID UST Database (see Section 3.4). No adjacent sites were listed in the California FID UST Database. The following sites within a quarter-mile radius of the Site were listed in the California FID UST Database:

<u>Facility</u>	<u>Address</u>
Hubbell Lighting Division	1212 N. Hubbell Way
Unocal #4705	2585 La Palma Avenue
Arco/Fast Fuel SS #88	2604 W. La Palma Avenue
CW Poss., Inc.	2508 W. Woodland Drive
Aggressive Engineering Corp.	1235 N. Knollwood Circle
Century Laminators Inc.	1225 N. Knollwood Circle

4. Leaking Underground Storage Tank (LUST) Report - The LUST Report contains an inventory of reported leaking underground storage tank incidents.

FINDING: According to the databases searched, the Site was listed in the LUST Report and was reported as having a closed status. One adjacent site was listed in the LUST Report, this being FHP Health Plan located at 1236 N. Magnolia Avenue, which was reported as having a closed status. The following additional sites within a half-mile radius of the Site were listed in the LUST Report:

<u>Facility</u>	<u>Address</u>	<u>Status</u>
Tosco - 76 Station #4705	2585 La Palma Avenue	Closed
Arco/Fast Fuel SS #88	2604 W. La Palma Avenue	Open
Portable X-Ray Labs Inc.	1151 Knollwood Circle	Closed

One site was listed in the LUST Report, but could not be located with respect to the Site due to incomplete address information, this being Former Anaheim Car Wash located at 900 Lincoln Avenue.

5. Solid Waste Facility List - The Solid Waste Facility List contains an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

FINDING: According to the databases searched, the Site was not on the Solid Waste Facility List. No sites within a half-mile radius of the Site were on the Solid Waste Facility List.

The following sites were listed on the Solid Waste Facility List, but could not be located with respect to the Site due to incomplete address information:

<u>Facility</u>	<u>Address</u>
Disposal Waste System/Kraft	2680 S. Garnsey
Anaheim-Olive Blvd. Dump	15505 Lincoln @ Glassel
Corona Dump	Not Reported
Cosby Oil / 5 Points Use	Not Reported

6. Cal-Sites Database - State hazardous waste site records are the states' equivalent to CERCLIS. Cal-Sites (AWP) identifies known hazardous substance sites targeted for cleanup. The Cal-Sites (ASPIS) database contains potential or confirmed hazardous substance release properties. These sites may or may not already be listed on the federal CERCLIS List. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by the potentially responsible parties.

FINDING: According to the databases searched, the Site was not listed in the Cal-Sites Database. No sites within a one-mile radius of the Site was listed in the Cal-Sites Database.

7. Annual Workplan Sites (AWP) - California DTSC's Annual Workplan (AWP) identifies known hazardous substance sites targeted for cleanup. The AWP Database is the states' equivalent to the Federal NPL.

FINDING: According to the databases searched, the Site was not listed in the AWP Database. No sites within a one-mile radius of the Site was listed in the AWP Database.

2.2 HISTORICAL RECORDS REVIEW

2.2.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps assist in the identification of historic land use and commonly indicate the existence and location of aboveground and underground storage tanks, structures, improvements and facility operations.

No Sanborn Maps were reported to be available for the Site in the EDR Historic Map Collection.

2.2.2 AERIAL PHOTOGRAPHS

Aerial photographs assist in the identification of Site features and outdoor activities of potential environmental concern. CRA contracted EDR to obtain aerial photographs of the Site and surrounding lands. Photographs for the years 1938, 1947, 1954, 1968, 1977, 1990, 1994, and 2002 were obtained.

- 1938 (scale 1" = 555'): The 1938 aerial photograph indicates that the Site and surrounding properties were used for agricultural purposes at that time. The surrounding areas appear to be orchards, while the subject Site appears to be used for row crop production. There is a building that may be a rural residence in the northeast portion of the Site along Magnolia Avenue.
- 1947 (scale 1" = 666'): The 1947 aerial photograph indicates that the Site and surrounding properties continued to be used for agricultural purposes at that time. The Site and surrounding areas appear virtually unchanged from those conditions observed in the 1938 aerial photograph.
- 1954 (scale 1" = 833'): The 1954 aerial photograph shows that the main production building and associated parking lot had been constructed. The remaining surrounding areas appear unchanged with the exception of the area to the far southeast of the Site, which has been developed as residential dwellings. No other significant changes have occurred in the surrounding areas.
- 1968 (scale 1" = 480'): The 1968 aerial photograph shows the Site in a similar condition to that depicted in the 1954 aerial photograph, with the exception of the newly constructed baseball fields in the northern portion of the Site and an add-on portion to the main process building in the southwestern corner. Additionally, the western portion of the Site appears to be used for outside storage. Areas adjacent to the Site appear to be used for agricultural crop production, but areas furthest from the Site on all sides have been partially or completely developed. To the far west, south, and northeast, this development appears to be residential, while to the east, it appears to be commercial. To the north, the Interstate Freeway, I-5, has been widened and improved.
- 1977 (scale 1" = 666'): The 1977 aerial photograph depicts the Site in a condition very similar to that of the 1968 aerial photograph. The most notable changes in the aerial photograph were the surrounding areas. The adjacent areas to all sides of the Site have been developed as commercial developments. Numerous commercial

type buildings can be observed to the west, south, and east. In regards to the Site, there is a newly constructed building to the southwest (Warehouse #2) and there are visible areas of what appears to be stained or darkened soils on the west side of the Site. There appears to be some earthwork activity of unknown nature at the far northwest corner of the Site.

- 1990 (scale 1" = 666'): The 1990 aerial photograph of the Site depicts new Site structures to the south and west. These structures are the new charge room, wastewater treatment units, and Warehouse #3. To the northwest, the stormwater retention area appears to have been installed. The majority of the soil staining is no longer visible with the exception of a small area adjacent to the northwest corner of the production building. Additional development has occurred to the northeast, west, south and east of the Site.
- 1994 (scale 1" = 666'): In the 1994 aerial photograph, the Site and the surrounding areas appear relatively unchanged from the conditions observed in the 1990 aerial photograph.
- 2002 (scale 1" = 666'): In the 2002 aerial photograph, the Site and the surrounding areas appear relatively unchanged from the conditions observed in the two previous aerial photographs.

Copies of the aerial photographs are included in Appendix C.

2.2.3 CITY DIRECTORIES

CRA contracted EDR to conduct a search of city directories. Based on the address of the Site, the city directories search was completed to assist in the identification of historical occupants of the Site and adjacent properties. A copy of the city directories search results is included as Appendix D.

Business directories including city, cross-reference and telephone directories were reviewed, if available, at approximately five-year intervals from the earliest available directory to the present. Directories were available for the years spanning 1920 through 2002. The search indicated that there were no listings for the Site from 1920 through 1965. The Site was first listed in 1970 as the Delco Battery Plant, General Motors Corporation. In 1975, the listing changed to Delco Remy, Division of General Motors Corporation. It was listed as Delco Remy until 1995 after which the address was not listed in the Research Source.

2.3 PREVIOUS SITE INVESTIGATIONS/ESAS

According to Site personnel and Site records reviewed, various environmental investigations and assessments have been conducted at the Site. The following is a list and a brief summary of the reports reviewed:

- April 2003: Environmental Liability Assessment, prepared by Harding ESE, a Mactec Company.

An internal liability assessment of the Site was conducted to quantify significant recognized liabilities related to environmental remediation at the Site. The assessment did not identify any Type C or Type B environmental liabilities and identified only one Type A liability. This liability was identified as follows:

- Soil Removal in the Area of the Storm Water Retention Basin - Lack of confirmatory samples for a 1996 soil removal program.

In addition to the Type A liability identified, five potential areas of liability (PAOL) were dropped from further evaluation because these PAOLs did not meet the evaluation criteria for Types A, B or C as they were not probable. These PAOLs were:

- Acid mixing room;
- Unknown piping labeled "Flammable Gas";
- Used oil and new oil storage areas;
- Hazardous waste storage areas; and
- Asbestos in building materials.

These potential areas of concern are discussed further in other sections of this report.

- January 1999: Draft Soil Remediation Closure Report, Northwest Field prepared by ENV America Incorporated.

Between August 25 and 31, 1998, soils were excavated from the northwest field. The reason for the excavation was the presence of lead in the shallow soils. Lead had been detected at concentrations ranging from 38 mg/kg to 9,850 mg/kg. The soil cleanup goal for this activity was 1,000 mg/kg. For each location excavated, confirmation soil samples were collected at depth to confirm the complete removal of all lead contaminated soils above the remedial criteria. A total of 1,108 tons of

soil were excavated and shipped to the Laidlaw Environmental Services/Safety-Kleen, Lone Mountain Facility in Waynoka, Oklahoma.

- Between 1988 and 1991, various workplans by Dames & Moore for the remediation of the northwest field were reviewed. These included the following:
 - August 1991: Workplan for Remedial Action, Delco Remy Site, Northwest Field Area;
 - March 1991: Workplan for Remedial Action, Delco Remy Site, Northwest Field Area;
 - October 1989: Revised Report, Evaluation of Remedial Action Alternatives and Selection of an Appropriate Alternative, Delco Remy Site, Northwest Field Area; and
 - November 1988: Report, Site Assessment and Remedial Action Plan, Delco Remy Facility, Northwest Field and Storm Drain Ditch.
- August 1989: Report, Further Investigation of Groundwater Conditions prepared by Dames & Moore.

This report documents further groundwater investigation activities conducted to determine the cause of discoloration of groundwater samples collected from monitoring well MW-1 at the Site. This was pursuant to a request made by the Regional Water Quality Control Board (RWQCB), Santa Ana Region dated May 15, 1989. In this report it is documented that six underground diesel fuel and used oil tanks were removed from two tank areas of the Site. Tank area #1 was located adjacent to the northwest corner of the production building while the second tank area (#2) was located adjacent to the central portion of the west side of the building. No contamination was detected in soil samples analyzed from tank area #1 (Dames & Moore, 1986). Soils excavated from tank area #2, where waste oil had been stored, were found to be impacted with total petroleum hydrocarbons (TPH). The impacted soils in tank area #2 were excavated and hauled off Site.

In July 1986, monitoring well MW-1 was installed near tank area #2. This well was installed in a shallow groundwater zone encountered at a depth of approximately 30 feet below the ground surface (bgs). No detectable TPH were found in the groundwater samples but pH values were reported as 9.0 and 9.6. Additionally, the water samples exhibited a cloudy brown color.

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In July 1988, two additional monitoring wells (MW-2 and MW-3) were installed in areas several hundred feet to the northeast and southeast of MW-1. No detectable TPH concentrations were detected and the pH values ranged from 7.36 to 7.42.

To determine why the groundwater had a brownish color, groundwater samples were again collected from all three wells and analyzed for various parameters. It was discovered that the discoloration was due to dissolved natural organic substances called humic acids present in the aquifer materials in the soil near MW-1.

- January 1989: Report, Soil Hydrocarbon Investigation, South end of Former Drainage Ditch, prepared by Dames & Moore.

This report presents the results of a soil sampling and analysis program for the southern end of the former unlined storm drainage ditch located in the northwest section of the Site. This ditch was used to collect Site surface drainage resulting from precipitation. The unlined drainage ditch discharged to the Magnolia storm drain channel under a NPDES permit. In September 1988, during the course of lining the ditch, Delco Remy excavated a few feet of soil containing elevated lead concentrations. During the course of soil sampling conducted prior to lining the ditch, hydrocarbon odors and discoloration were observed. Soil samples were collected and analyzed. No benzene, toluene, ethylbenzene, and xylene (BTEX) or diesel fuel range TPH were detected. However, total recoverable petroleum hydrocarbons (TRPH) concentrations ranging from 1,300 mg/kg to 2,600 mg/kg were detected. It was concluded that the soils were impacted due to a past minor hydrocarbon spill and that deeper soils were not impacted (>7 feet bgs). It was estimated that the soils impacted consisted of 2 to 7 cubic yards.

There are other Site investigation reports as referenced in the reports reviewed, but they were not available for review at the Site.

3.0 SITE INSPECTION

On October 5 and 6, 2004, Mr. Erik Friedrich of CRA completed a Site inspection of the Delphi Site located at 1201 N. Magnolia Avenue in Anaheim, California. This included an inspection of the Site and Site structures, review of relevant Site records made available to CRA, visual observations of adjacent properties as viewed from the Site and surrounding roadways, and interviews with individuals associated with the Site.

CRA was accompanied by Mr. Bill Vierra during the Site inspection. Mr. Vierra is the Site's environmental facility engineer and has been associated with the Site for almost three years. Site personnel provided information regarding the current and historic use of the Site.

Representative photographs of the Site are provided as Appendix E.

3.1 SITE OVERVIEW

The Site consists of approximately 26 acres of land located in a commercial/industrial section of the City of Anaheim, Orange County, California. A Site plan is shown on Figure 2. The original production building was constructed in 1953 by Delco Remy, Division of General Motors for the production of automobile batteries. Major construction activities have occurred in 1963, 1974, and 1977 for a warehouse, production line buildings, and an unknown project. The production area floor space is 285,568 square feet.

The main production building, which was built in 1953, is principally brick and block construction on a slab-on-grade. The office area, which comprises a small portion of the eastern side of the facility, consists of vinyl tiled floors, suspended ceilings with fluorescent lights, and wood paneled wall dividers. The ceiling of the main production area is open with skylights and metal support beams.

The ancillary buildings are either sheet metal or masonry block walls with wood and metal roof support structures. They also are slab-on-grade construction.

Also associated with the Site are the process water treatment basin and system, the stormwater retention basin, a rail line spur, facility landscaped areas, employee parking lots, driveways, and until recently, two baseball diamonds. These diamonds and associated land (approximately two acres) were sold to the City of Anaheim along with access easements. With the exception of the lawn and landscaped areas east of the

production area and the gravel covered former truck/van parking area, the entire Site is paved.

The Site manufactures lead/acid storage batteries, primarily for the automotive industry. This includes melting and reforming lead by heat treating and cooling. The plant receives the lead from an outside source. The lead is melted and reformed into strips that are rolled into coils. The coils are heated and pressed into plates, which are covered with paste consisting of lead oxide, sulfuric acid, and water. The plates are then heated in a humidity oven or steam oven, grouped and wrapped in plastic, and placed into battery cases, which are also manufactured on Site. The batteries are then filled with acid, charged for 8 hours, emptied of initial acid, and refilled with fresh acid. The batteries are then sealed and stored on pallets for delivery to Delphi's clients.

Operations include plastic injection molding of battery cases and covers, lead oxide manufacturing, lead plate manufacturing, lead paste coating and curing, lead plate encapsulation, battery assembly with welded posts, heat sealing of batteries, acid mixing, and battery wet finishing and charging. Operations also included lead reclamation until the mid 1980s. Attendant support services include tool repair and manufacture, quality control, engineering, warehousing, maintenance and utility services, wastewater pretreatment, stormwater treatment, and employee services.

3.2 ENVIRONMENTAL SETTING/ADJACENT PROPERTIES

The Site is located in the City of Anaheim, Orange County, California in a commercial/industrial area in the center of a wider residential area. The Property is rectangular with frontage onto Magnolia Avenue. The surrounding area is used primarily for commercial and industrial use. The Site is relatively flat and is bordered by the following properties:

- North: By Interstate I-5 and Southern California Tow Equipment;
- East: Magnolia Avenue and further east by Wickes Furniture, American Cancer College, and Talbert Medical Group;
- South: ROP Career & Technical Institute and strip office buildings;
- West: CaliWest Car Wash Systems, a vacant office/commercial building, Ryan Herco Pumps, another vacant commercial building, and L&S Screw Machines.

Site personnel were not aware of any adverse environmental impact to the Site from the adjacent properties. No evidence of adverse impact to the Site from surrounding properties was observed by CRA during the Site inspection. One adjacent property was identified in the EDR database report, this being the property located at 1236 N. Magnolia Avenue. This property is listed as having occupants identified as follows:

- FHP Anaheim Commercial Center, and
- Talbert Medical Group

This property was listed in the RCRIS-SQG federal list and in the California UST database as well as the California LUST report. In the LUST report, the site is listed as having a closed status.

There are no surface water bodies or water courses located on Site or immediately adjacent to the Property. The nearest surface water body/water course is unknown.

The EDR database search did not provide any information regarding the Site soils. However, information from the Site reports reviewed indicates that the Site soils are alluvial deposits consisting of poorly consolidated to unconsolidated clay, silt, sand, and gravel of continental origins. Perched groundwater in the area is encountered at a depth of approximately 30 feet bgs with potable aquifers at a depth greater than 100 feet bgs. The groundwater flow direction is reported to be to the southwest.

3.3 UTILITY SERVICES

Potable water is provided to the Site by the City of Anaheim. According to Site personnel and based on observations made during the Site inspection, no water supply wells exist at the Site.

All sanitary wastewater and process wastewater are and have been discharged to the local municipal stormwater system after treatment since the Delphi facility was built in 1953. No evidence of a septic system was observed during the Site inspection or noted in the review of available information.

Electricity is provided to the Site by Anaheim Local Utility Service while natural gas is provided by Southern California Gas. The Site building space heating is provided by either localized gas fired heaters or by roof mounted HVAC units. Process heat is supplied by steam generated by one gas-fired boiler. There is a backup boiler that is currently unused. Electricity is supplied to the Site from five transformer substations;

two are located near the north central portion of the main building, two are south of the production building, while the last one is on the east side of the production building.

3.4 UNDERGROUND STORAGE TANKS (USTs)

According to Site personnel, there are no USTs that contain petroleum or hazardous substances located on the property. There were a number of such USTs in the past as discussed below. No evidence of any currently present USTs (e.g., vent or fill pipes) was observed by CRA during the Site inspection, with the exception of a fill pipe located on the northern portion of the property near the gasoline AST. This fill pipe was associated with the diesel UST discussed below.

While no documents regarding the closure of these six tanks could be located by Site personnel, other documents reviewed by CRA contained information stating that six diesel/used oil tanks were removed in 1986 from two areas at the Site. During the UST removals, TPH concentrations reportedly were detected only in the UST area #2 and the impacted soils were removed and three monitoring wells were installed. Confirmatory analytical results were not included in the documents reviewed by CRA. No TPH concentrations were detected in any of the groundwater samples analyzed from the monitoring wells after the soil removal.

The Site is listed in the California UST, the California Historical UST, the California FID UST and the California LUST information databases in Section 2.0. The Site is listed in the LUST database as having a closed status.

3.5 ABOVEGROUND STORAGE TANKS (ASTs)

The Site maintains various ASTs at the Site. Table 1 contains a listing of the tanks, their contents, volume and containment.

The following is a discussion of the primary above ground storage tanks located on the Site property:

- **Sulfuric Acid ASTs:** The 12 on-Site sulfuric acid tanks are located either outside the acid mixing room or inside the room adjacent to the wastewater treatment system in the southeastern portion of the Site. All of these tanks are fiberglass and sit on top of acid resistant brick on top of concrete. The condition of these acid resistant bricks varied from good to very poor. There is secondary containment for all of these

tanks. For the eight tanks inside, the secondary containment consists of a drain trench that flows to a collection sump. Acid and/or water collected in the sump is transferred to a mixing tank for reuse.

- **Sodium Hydroxide ASTs:** There is one AST that contains sodium hydroxide, which is located in the wastewater treatment portion of the south building. The tank is surrounded by a grated trench that is connected to a blind sump. The floor beyond the grated trench is concrete. No pipes enter the tank below the liquid level and exit the secondary containment structure (the room). No pipes penetrate the secondary containment that affect secondary containment. No signs of leakage were observed.
- **Oil Recovery System AST:** Hydraulic oil collected from the plastic injection molding machines is recovered through a used oil recovery system. This system consists of individual troughs around each machine to collect the oils. On a routine basis, the oils are removed via mobile units that vacuum the oils out. The units are then taken to the used oil recovery building located east of Warehouse #3. There, the oil is drained into a trough, siphoned through a particulate screener and pumped to the 5,000-gallon used oil storage tank located adjacent to the building. The tank is welded steel sitting on a concrete slab with concrete containment walls. The concrete appeared to be in good condition and no evidence of leaks was observed.
- **Gasoline AST:** A 217-gallon, self-contained (tank within a tank) AST is located northeast of the main building near the shipping docks. There were no signs of leakage from this tank.
- **Diesel Fuel AST:** This AST, which supplies the firewater pump, is filled no more than once every two years. The tank is located within the pumphouse and has secondary containment. The concrete appeared to be in good condition and no evidence of leaks was observed.

No evidence of abandoned on-Site ASTs was observed by CRA at the time of the Site inspection with the exception of a former propane tank pad in the Site's far northwest corner. The Site is not listed in any of the AST related databases discussed in Section 2.0.

3.6 RAW MATERIAL AND CHEMICAL USE AND STORAGE

The following materials are used in the production of lead/acid batteries at the facility:

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- **Lead and lead dioxide used in the production of lead plates:** Lead is received in 2,000 pound ingots (hogs) and stored in the production area on pallets. Smaller 200 pound ingots (pigs) The majority of the lead is extruded into plates. The remainder is converted into lead oxide and is the major ingredient of the paste placed on the plates.
- **Sulfuric acid which acts as the electrolyte:** Sulfuric acid is stored in tanks, mixed in the acid house, and transported to and from the acid filling and acid draining areas through overhead pipes.
- **Polypropylene used to form the battery cases and covers;** Polypropylene is delivered by train cars to two silos on Site. This material is pneumatically transferred to the case and cover forming areas in the plant where it is melted and extruded to form cases and covers.
- **Polyethylene envelopes used to separate the oppositely charged plates:** Polyethylene film is received in roll form by truck, stored in the production area, and formed into envelopes for the plates that hold one of the charges within the battery.

Smaller quantities of the following materials are also used in battery production or found in the major raw materials:

- Hot melt;
- Paper (wood pulp);
- Antimony (in lead);
- Tin (in lead);
- Calcium (in lead);
- Lignosulfonic acid;
- Caustic soda;
- Silver; and
- Colloidal carbon.

The manufacturing floor occupies most of the main building. Included are the tool room, encapsulation operation, case and cover molding and assembly, lead plate manufacturing, battery assembly, battery wet finishing and charging, lead oxide manufacturing, and lead reclamation areas (now shut down). Secondary containment/diversion generally consists of the concrete floor, and some floors are also covered with acid resistant brick. The largest potential leak in the manufacturing area would occur at the battery acid filling area. The largest vessel in the area has a volume of 7,200 gallons.

Generally, the floor drains and trench drains are part of the process sewer system. In the wet finishing areas, the acid is collected in a separate trench system and is recycled. In

the case and cover molding areas, the used hydraulic oil is collected in a trench drain that surrounds each station. The oil is pumped out on a regular basis to the oil recovery system waste oil AST portion of that system.

Materials used in support operations include: hydraulic oil; propane; water and wastewater treatment chemicals, such as sodium hydroxide, coagulants, and biocides; gasoline; and maintenance-related chemicals. Oils and other chemicals are stored either at points of use or in the hallway near the boiler room.

Finished batteries, containing approximately one gallon of acid solution each, are stored in the warehouses prior to shipping. The concrete floor of each warehouse appears to provide adequate secondary containment.

The railroad line is used to deliver only non-hazardous material to the plant. Site personnel were unsure whether in the past, lead and sulfuric acid were delivered by rail. If they had been, spillage could have occurred along the railroad spurs.

According to Site personnel, no significant spills or releases of any of the chemicals used at the Site has occurred in the past. No significant staining or other visual evidence of releases was observed by CRA in the vicinity of the chemical storage areas.

3.7 SOLID WASTE

Waste materials generated at the facility are collected and placed into dumpsters or compactors for cardboard; aluminum cans, bottles and plastics; and general trash. Except for trash, all materials are recycled by various companies. General plant trash is transported and disposed by Anaheim Commercial Services for local landfill disposition.

According to Site personnel, there has not been any on-Site disposal of solid wastes. CRA did observe signs of solid waste disposal in the northwestern portion of the Site. This waste disposal consisted of outside pavement area sweepings, principally dust, which had been disposed of in various piles in the northwestern portion of the Site.

The industrial trash is disposed of by Safety Kleen of Utah, while the plastics and lead wastes are recycled by RSR Quemet Company. Cardboard is recycled by a local service. No other evidence of on-Site solid waste disposal was observed by CRA during the Site inspection.

3.8 HAZARDOUS WASTE

The Site is a large quantity generator of hazardous waste and has one storage area used to store hazardous wastes. This area is the former lead reclaim area that, although no longer used for reclaim operations, is still used to store lead scrap. In this area, the facility recontainerizes their hazardous waste and segregates the hazardous materials that are to be recycled. The Site's generator ID No. is CAD008323396. Table 2 contains a listing of the hazardous wastes generated and disposed of at the Site for 2003 - 2004.

The Site generates lead scrap, lead-contaminated plant cleanup material, PPE, corrosive waste, used hydraulic oil, lead-containing filterpress cake, sand filter waste, lead-contaminated equipment, and process wastewater.

All lead scrap, lead-contaminated cleanup material, and lead-contaminated equipment are stored in the hazardous waste storage. The lead-containing filterpress filtrate is stored in the wastewater treatment facility. The used hydraulic oil is stored in the used oil building. Cleaning solutions and sand in the sand filter are used until transported from the facility as waste. Process wastewater undergoes no storage, but is treated on Site as it is generated under a wastewater pretreatment permit.

All lead scrap from battery component manufacturing and the lead-containing filterpress cake are recycled by Quemetco in the City of Industry, California. All lead-bearing wastes generated through cleanup, sand filter replacement, and scrapping of equipment is sent to the Clean Harbor, Grassy Mountain Facility in Clive, Utah for disposal. DeMenno Kerdoon in Compton, California recycles the plant's used oils.

According to Site personnel, there has been no on-Site disposal of hazardous waste to the best of their knowledge. No evidence of on-Site disposal of hazardous waste was observed by CRA during the Site inspection. As mentioned in Section 3.7, floor sweepings in the northwest portion of the Site would be expected to contain lead and may be a hazardous waste. CRA was not aware of any sampling completed to determine if this may be a hazardous waste.

The site is listed in several of the Hazardous Waste databases searched. It is listed in the NFRAP Sites Report, the RCRA-TSD report, the CORRACTS report and the RCRIS-LQG report. According to Site personnel, the facility is not listed as a TSD as they do not keep hazardous wastes on-Site longer than 90 days. It is not clear why the Site is listed in the NFRAP, RCRA-TSD, and CORRACTS reports. According to Delphi personnel,

the reason may be that the Site had an interim RCRA Part A permit in the 1980s that does not appear to have been closed out.

CRA reviewed the site Hazardous Waste Manifests for the past two years and found them to be complete with the return copies contained in the files.

3.9 WASTEWATER

Wastewater is collected by a process sewer in the main building. Most of the wastewater is carried by a system of overhead lines from sumps and pits to the processing tanks in the wastewater treatment plant. The in-ground process sewer is pumped to the wastewater treatment system. The capacity of the three-tiered system is 60,000 gallons. The underground sewer lines and sumps and pits have only received maintenance on an as-needed basis and have not been subjected to periodic inspection.

According to Site personnel, sanitary sewerage is discharged to the local municipality for treatment.

The wastewater treatment consists of three phases. The first, neutralization, is accomplished by addition of sodium hydroxide to adjust the pH. The second is the addition of chemical polymer to precipitate the lead. The third is the removal of the precipitated lead using a filterpress. The filter cake is sent to a recycler for processing. The liquid effluent is discharged to the city sewer for final treatment under an Industrial Wastewater Discharge Class I Permit, Permit No. 03-1-089 issued by the Orange County Sanitation District. CRA reviewed the wastewater treatment permit as well as the most recent analytical results. According to Site personnel, the facility has not exceeded the permit limitations in the past four years. The last notice of violation for the wastewater system was dated January 1, 2001. Table 3 provides the wastewater treatment flow and analytical data for the past year.

3.10 STORMWATER

Stormwater generated at the Site either infiltrates into the ground or is routed by overland flow through an oil/water separator to the on-Site 380,000-gallon stormwater retention basin and, after filtration, discharges to the municipal storm sewer. The oil/water separator is located in the northwest corner of the retention basin. On the basis of outdoor waste material storage practices as well as outdoor raw material loading practices, Delphi is required to maintain a general National Pollutant Discharge

Elimination System (NPDES) Permit (#CAS000001). A copy of the general stormwater permit as well as the most recent stormwater discharge analytical data were reviewed by CRA as was a recent (8/2002) RWQCB inspection report. The facility had corrected the deficiencies as noted by the RWQCB and is now in compliance. The last exceedance of the 0.050 mg/L RWQCB stormwater benchmark for lead was in January 2001.

3.11 AIR EMISSIONS

The Delphi facility has air pollution control permits for approximately 76 different sources of air contaminants (Table 4). Most of the exhaust of the entire building passes through baghouses with the exception of heat exhausters in the Barton Pod area, the warehouses, and the new cell area in the facility.

The principal emissions from the Delphi facility are lead and sulfuric acid. Delphi maintains three Site perimeter air samplers from which samples are collected every six days. These samplers have not recorded ambient air concentrations of lead in excess of the ambient air quality standard of 1.5 ug/m³.

In addition to the perimeter air sampling, Delphi conducts air emission calculations based on facility production, processes and materials used. This information is used to document permit compliance. CRA reviewed these data and the facility is in compliance with the permit requirements. All permits are current.

Site personnel interviewed during the course of the Site inspection were not aware of any adverse impacts to the Site related to the operation of air emission equipment by Delphi. No adverse impacts to the Property from air emission sources were observed by CRA during the Site inspection.

3.12 ASBESTOS CONTAINING MATERIALS (ACM)

The presence of ACM at the Site was investigated through discussions with facility personnel and visual observations made by CRA. No intrusive investigations were conducted to examine areas of concealed space and no samples were collected. Facility representatives were aware of ACM being present in the buildings, primarily in association with the boilers and associated steam lines. They were not aware of any ACM surveys that had been conducted at the Site. Facility representatives indicated that to their knowledge, only small amounts of asbestos have been removed from the Site.

This is documented by August 1998 and October 1989 reports, which document asbestos removal activities.

An ACM survey was not conducted as part of this ESA. Based on observations during the Site inspection and due to the age of the buildings, it is likely that ACM is present. Potential ACM observed by CRA was limited to ceiling tile and floor tile in office areas. For the production and warehouse areas, suspect ACM consisted of bricks, roof mastic, drywall joint compound, floor tiles, piping insulation, spray on fire proofing, furnace and boiler insulation, and other mastics. All materials were observed to be in good condition.

3.13 POLYCHLORINATED BIPHENYLS (PCBs)

Electrical service to the Site is provided by Anaheim Public Utility through two separate lines that feed 7 on-Site transformers. According to Site personnel, these transformers do not contain PCBs and a PCB survey of the facility had been conducted. Documentation of this was not available and the transformers were not labeled. No leaks from the transformers were observed. There is also an out-of-service electrical transformer stored outside the production area. The transformers are reportedly owned by Delphi.

According to Site personnel, no PCB-containing equipment has been or is currently being used, stored, or handled at the Site. At the time of the Site inspection, potential PCB-containing equipment observed by CRA included the electrical transformers. Site personnel were unable to provide documentation of the age of the transformers or analytical testing for PCBs in the dielectric fluid. Potential PCB equipment also included the ballasts in the fluorescent lighting and high intensity discharge fixtures in the buildings.

With the exception of the out-of-service transformer, the potential PCB-containing equipment observed by CRA was in operation and appeared to be in good working condition.

3.14 IONIZING RADIATION

According to Site personnel, the Site has not used any sources of ionizing radiation in plant operations. No labeled radiation sources were observed by CRA during the Site inspection. Site personnel were unaware of any radon gas testing having been

conducted at the Site. The USEPA has determined Orange County to be in a Level 3 Radon Zone, with indoor air concentrations of radon anticipated to be less than 2 pCi/L. The USEPA established action level for radon gas is 4 pCi/L. There are no basements or occupied below grade areas at the Site in which radon gas potentially could accumulate.

3.15 SPILLS/RELEASES

Available site personnel were not aware of any reportable spills or releases associated with Site operations. No evidence of significant spills/releases was observed by CRA at the time of the Site inspection. The concrete floor of the production area exhibited signs of cracking; however, the concrete floor was well maintained and is cleaned on a regular basis. According to facility personnel, only minor hydraulic oil releases and coolant water releases onto the concrete floor inside the building have occurred at the Site. This is consistent with observations made by CRA at the time of the Site inspection.

For the areas in which sulfuric acid is handled, the floor consisted of acid bricks over concrete. This included the acid tank farm area. The acid brick showed signs of wear and standing liquid was observed.

Facility personnel also reported that no recordable chemical or petroleum releases have occurred there. CRA reviewed a 1990 letter from the RWQC that indicated the elevated pH detected in the groundwater in the former monitoring well MW-1 was the result of a sodium hydroxide release at the Site. Also, the results of the databases search, NFRAP report, indicates that there had been remedial actions conducted at the Site; however specifics were not provided.

3.16 CERCLA LIABILITY POTENTIAL

The Site is not listed on the NPL or in the State Hazardous Waste Site Databases. According to Mr. Vierra, Delphi has never received notification from any government agency or third party of liability as a potentially responsible party for any hazardous waste treatment, storage, or disposal Site. Delphi has never defended any environmental-related claims or litigation asserted by any governmental agency or third party related to this Site, and no potential claims or litigation presently exist to the best knowledge of Mr. Vierra.

3.17 LEAD-BASED PAINT (LBP)

Based on the age of the facility, LBP may be present on the Site. A LBP survey was not conducted by CRA. Site personnel were not aware of the presence of LBP at the Site.

4.0 SUMMARY OF IDENTIFIED ENVIRONMENTAL ISSUES

4.1 FINDINGS

Based on the Phase I ESA including the Site inspection, database search, historic records reviewed, information provided by Site personnel, and interviews, the following findings were identified at the Site.

4.1.1 POTENTIAL HISTORIC RECOGNIZED ENVIRONMENTAL CONDITIONS

Potential historic RECs identified at the Site were as follows:

- i) **Leaking Underground Storage Tanks (LUSTs)**: According to Site reports reviewed, six USTs were removed from two areas at the Site in 1986. Neither the removal report nor any documentation regarding the regulatory status of the UST areas could be located at the Site. Additionally, indications are that monitoring wells were associated with the UST removal and no documentation regarding the status of these wells was available. The database information obtained from EDR indicates that the USTs are listed as closed; however, no information was available for CRA to review.
- ii) **Former Lead Reclamation Area**: Up until the mid-1980s, scrap lead was reclaimed in the area now occupied by the Site's hazardous waste storage area. The floor in this area is concrete and shows signs of wear and cracking.

4.1.2 POTENTIAL CURRENT RECOGNIZED ENVIRONMENTAL CONDITIONS

The following potential current RECs were identified at the Site:

- i) **Above Ground Storage Tanks (ASTs)**: All acid ASTs are situated on top of acid resistant bricks that sit on top of the concrete slab. While secondary containment for all spilled liquids is present, there was a significant amount of liquid pooled around the base of the tanks. Based on the condition of the bricks, the potential for a release from this area is high. Potential impact to underlying soils could not be determined.
- ii) **Raw Material and Chemical Use and Storage**: At several locations within the production area, acid is drained and recharged in the individual batteries. This

is done in areas where the floor is covered with acid resistant bricks. Based on observations during the Site inspection, the integrity of these bricks is questionable, with an associated risk for release. Potential impact to underlying soils could not be determined.

- iii) **Battery Charging Tables:** In the main production building there are battery charging tables with underflow ventilation. Around each of these tables, concrete cracks were observed along with sulfuric acid residue buildup. The potential impact from a release from this area to underlying soils could not be determined.
- iv) **Oil Processing Area:** Used oils are transferred from the production area to the used oil processing building via transport carts. They are then dumped into the used oil handling sump from which it is pumped through a particle separator and then to the holding tank. The integrity of the sump could not be determined during the Site inspection. Potential impact to underlying soils could not be determined.
- v) **Solid Wastes:** According to Site personnel and as observed by CRA, dry sweeper material from the cleaning of the outside pavement areas has been dumped in the northwest area of the Site; adjacent to the gravel former truck parking area. This activity no longer occurs, and the majority of the material has been removed and properly disposed of off Site. However, it is very likely that these sweepings contained minor amounts of lead and may have impacted Site soils.
- vi) **Spills/Releases of Lead Dust:** Releases of lead oxide may have occurred in the at the Site. The extent to which these releases have impacted Site soil and groundwater quality is not known. There are no known or documented releases of lead oxide dust.

4.2 CONCLUSIONS

CRA has performed a Phase I Environmental Site Assessment of the industrial Property and buildings located at 1201 N. Magnolia Avenue in Anaheim, California in conformance with the scope and limitations of ASTM Practice E1527-00. Any exceptions to or deletions from this practice are described in Section 1.0 of this report. This assessment has identified the following recognized environmental conditions at this Site:

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- Leaking USTs;
- Former Lead Reclamation Area;
- ASTs;
- Raw Material and Chemical Use and Storage;
- Battery Charging Tables;
- Used Oil Processing Area;
- Solid Wastes; and
- Spills/Releases of Lead Dust.

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Erik A. Friedrich

Brian Boevers

**PRIVILEGED AND CONFIDENTIAL
PREPARED AT DELPHI CORPORATION'S COUNSEL'S REQUEST**

PHASE II ENVIRONMENTAL SITE ASSESSMENT

**DELPHI CORPORATION
ANAHEIM BATTERY OPERATIONS
1201 N. MAGNOLIA AVE.
ANAHEIM, CALIFORNIA**

**Prepared For:
Delphi Corporation**

**MARCH 2005
REF. NO. 37616-06 (6)**
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EXECUTIVE SUMMARY

Conestoga-Rovers & Associates (CRA) was retained by Delphi Corporation (Delphi) to complete a Phase II Environmental Site Assessment (Phase II ESA) of Delphi's Anaheim Battery Operations (Site), located at 1201 N. Magnolia Avenue in Anaheim, Orange County, California. The Phase II ESA activities were conducted to investigate eight Recognized Environmental Conditions (RECs) identified in CRA's Phase I ESA prepared for the Site, dated November 2004. The RECs identified during the Phase I ESA are as follows:

- Former underground storage tanks (USTs);
- Former lead reclamation area;
- Aboveground storage tanks (ASTs);
- Raw material and chemical storage;
- Battery charging tables;
- Used oil processing area;
- Solid wastes; and
- Spills/releases of lead oxide dust.

RECs 3, 4, and 5 listed above are not specifically addressed in this Phase II ESA. Due to access issues, these items will be investigated after current plant operations have ceased.

It should be noted that the Region 9 (modified for California) Preliminary Remediation Goal (PRG) for lead at potential residential sites is 150 mg/kg. No Modified for California PRG for lead is listed for industrial sites. The USEPA Region 9 PRG for industrial sites is 800 mg/kg.

The results of the Phase II ESA showed the following:

REC No. 1 - Former USTs

No evidence of petroleum hydrocarbon impact above Region 9 PRGs for potential residential or industrial sites was detected at either of the former UST areas.

REC No. 2 - Former lead reclamation area

No evidence of lead impact above Region 9 PRGs for potential residential (Modified California) or industrial sites was detected beneath the concrete flooring of the former lead reclamation area.

REC No. 6 - Used oil processing area

No evidence used oil impact above Region 9 PRGs for potential residential or industrial sites was detected at the used oil processing area.

REC No. 7 - Solid wastes

Lead concentrations exceeding Modified California Region 9 residential site PRGs were detected in the 0 to 6-inch bgs surface soil sample from SB-20 collected adjacent to the storm water retention basin. The underlying sample from the 12 to 18-inch bgs interval did not exceed the residential PRG.

REC No. 8 - Spills/releases of lead oxide dust

Lead concentration exceeding Modified California residential PRGs were detected at several Site areas. These areas are as follows:

- along the railroad spur, particularly along the loading docks (SB-15, SB-16, SB21, SB-25, and SB-26) in samples collected from 0 to 6, 12 to 18, and 24 to 30 inches bgs;
- the grassy area across from the bagging operations north of the driveway (SB-10 through SB-14) in samples collected from 0 to 6 inches bgs;
- the grassy area near the Guard House (SB-1 and SB-3) in samples collected from 0 to 6 inches bgs; and
- the grassy areas along southern driveway downwind of the breezeway between the air washers (SB-8 and SB-9) in samples collected from 0 to 6 inches bgs.

Elevated concentrations of lead above the industrial PRGs were also detected along the railway spur in the 0 to 6-inch interval and the 12-18-inch interval, and in the grassy area across from the bagging operations in the 0 to 6-inch interval.

1.0 INTRODUCTION

1.1 BACKGROUND

At the request of Delphi Corporation (Delphi), Conestoga-Rovers & Associates (CRA) was retained to conduct a Phase II Environmental Site Assessment (Phase II ESA) of the Delphi's Anaheim Battery Operations (Site) located at 1201 N. Magnolia Avenue, Anaheim, Orange County, California. The Site location is shown on Figure 1. A Site plan is shown on Figure 2. This report presents the findings and recommendations of the Site Phase II ESA.

The Phase I ESA was conducted by CRA on October 5 and 6, 2004. The Phase I ESA included Site inspection and database/file review to identify Potential Recognized Environmental Conditions (RECs) associated with historic or current activities conducted at the Site. The following RECs, as presented on Figure 2, were identified during the Phase I ESA:

- Former underground storage tanks (USTs);
- Former lead reclamation area;
- Above ground storage tanks (ASTs);
- Raw Material and chemical storage;
- Battery charging tables;
- Used oil processing Area;
- Solid wastes; and
- Spills/releases of lead oxide dust.

RECS 3, 4, and 5 listed above are not specifically addressed in this ESA. Due to access issues, these items will be investigated after current plant operations have ceased.

Based on discussion with Delphi, a Phase II ESA field investigation was designed to collect additional data to evaluate five of the eight RECs. The Phase II ESA field activities were conducted by CRA on November 16 and 17, 2004. The objective of the Phase II ESA was to confirm whether compound releases due to Site related operations have occurred at concentration levels, which may have adverse impacts to the public or the environment.

1.2 REPORT ORGANIZATION

The Phase II ESA Report is organized as follows:

- Section 1.0 - Introduction;
- Section 2.0 - Scope of Work;
- Section 3.0 - Geology and Hydrogeology;
- Section 4.0 - Results and Discussion; AND
- Section 5.0 - Conclusions.

2.0 SCOPE OF WORK

The Scope of Work for the Phase II ESA is presented in the sampling and analysis plan in Table 1. The Phase II investigative activities conducted at the Site are summarized below:

- advanced one soil boring at the UST area # 1 and one soil boring at the UST area # 2 location and collected soil samples for benzene, toluene, ethyl benzene, and total xylenes (BTEX), methyl-tert-butyl-ether (MTBE), and pH analyses;
- advanced one soil boring beneath the concrete flooring in the former lead reclamation area and collected a soil sample for lead analysis;
- advanced one soil boring beneath the used oil processing area and collected a soil sample for BTEX and total extractable petroleum hydrocarbons (TPH);
- advanced two soil borings in areas where suspected solid wastes (sweepings) are present and collected soil samples for lead analysis; and
- advanced 21 soil borings in areas where suspected spills or releases of lead oxide dust (along railroad spur and grassed areas) and collected soil samples for lead analysis.

Phase II field investigation activities were conducted by CRA on November 16 and 17, 2004. CoreProbe International, Inc. of Irwindale, California provided soil borehole installation services. All work conducted at the Site followed CRA's standard operating procedures for investigation and sampling. Prior to initiating field activities a Health and Safety Plan (HASP) was prepared. The HASP was developed to minimize hazards and exposures to workers during the field activities. In addition, all underground utilities were located adjacent to the proposed sampling locations by Underground Service Company of Newport Beach, California.

A total of 27 soil borings utilizing direct push (GeoProbe®) technology were advanced to investigate the RECs. The boring locations are shown on Figure 3. Twenty-one shallow soil borings were advanced to a depth of 30 inches below ground surface (bgs) to investigate the presence of lead impact in shallow near-surface soils associated with RECs 7 and 8 (solid wastes and spill/releases of lead oxide dust, respectively). An additional shallow boring was advanced one foot below the concrete flooring to investigate the presence of lead impact beneath the former lead reclamation area (REC 2). Continuous soil samples were collected from these borings with a 2-foot long by 1.5-inch outside diameter (OD) samplers containing clear plastic liners. Soil samples were cut from the liners at depth intervals corresponding 0 to 6, 12 to 18, and 24 to

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30 inches bgs, respectively. The samples were sealed, labeled, and packed in ice-cooled chests for shipment to STL Laboratories of Pensacola, Florida under chain-of-custody protocol.

The remaining borings were advanced 24 to 32 feet bgs to investigate subsurface conditions at the REC's 1 and 6 (UST area and used oil processing area, respectively). Soil samples were continuously collected using a 4-foot long 2.125-inch OD macro core sampler containing clear plastic liners. Recovered soil samples were field screened for the presence of organic vapors using a photoionization detector (PID) and examined for visual and olfactory evidence of chemical impact. The samples were prepared for shipment to the analytical laboratory as described above. No groundwater was encountered in either of the borings advanced to investigate the UST locations.

Only the stratigraphic logs prepared for the deeper borings are attached in Appendix A. Stratigraphic logs for the shallow borings are not attached. These soils consisted primarily as gravel and sand underlain by dark brown silt grading to clayey silt.

3.0 GEOLOGY AND HYDROGEOLOGY

Limited information regarding geologic/hydrogeologic conditions at the Site was collected during the Phase I ESA. Site reports reviewed during the Phase I ESA report preparation indicate that the Site is underlain by alluvial deposits consisting of poorly consolidated to unconsolidated clay, silt, sand and gravel of continental origins. Groundwater in the Site area was reported at approximately 30 feet bgs with potable aquifers at depths greater than 100 feet. The groundwater flow was reported to be to the southwest. There are no surface water bodies or water courses located on Site. The nearest surface water course is Fullerton Creek located approximately 0.8 miles northwest of the Site.

Information regarding geologic conditions at the Site was collected during the Phase II ESA. The overburden at the Site consists of a surficial layer, comprised of fill materials (gravel and sand), underlain by a native clayey silt soil horizon. The fill layer appears to be discontinuous across the Site and is thickest beneath the loading dock areas where it reaches a maximum thickness of approximately four feet. The underlying native material consists of brown, stiff to compact, damp clayey silt. This upper native soil horizon grades downward to light gray brown to light gray silty sand, clayey sand, and clayey silt. The lower material is crudely stratified and is consistent with the alluvial deposits described above. Depth to groundwater was not confirmed during the boring installations; however, the materials became quite moist at 22 to 24 feet bgs in the two deeper borings. Water did not enter the borings during the field activities; therefore, no groundwater samples were collected.

4.0 RESULTS AND DISCUSSION

This section provides a summary of the Phase II ESA results and a discussion of the results as they pertain to each individual Site REC. The analytical results have been compared to criteria established by the U.S. Environmental Protection Agency (USEPA), Region 9, Preliminary Remediation Goals (PRGs). The PRGs are risk-based tools for evaluation and cleaning up of contaminated sites. The Region 9 PRG screening concentrations are based on direct contact exposure pathways (i.e., ingestion, dermal contact, and inhalation) for specific land-use conditions and do not consider impact to groundwater or ecological receptors. When considering PRGs as cleanup goals, it is USEPA's preference to assume maximum beneficial use of a property (that is, residential use) unless a non-residential number (for example, industrial soil PRG) can be justified. For this report, both values are discussed. For lead, the Region 9 (modified for California) PRG for potential residential sites is 150 mg/kg. No Modified for California PRG (lead) is listed for industrial sites. The USEPA Region 9 PRG for industrial sites is 800 mg/kg.

A summary of detected analytical parameters and comparison to PRGs are presented in Table 2 and on Figure 4. Original laboratory data, as received from STL, are presented in Appendix B. The data validation memorandum is presented in Appendix C.

The following subsections provide a detailed discussion of the analytical findings at the individual RECs as they pertain to the PRG screening levels.

4.1 FORMER UNDERGROUND STORAGE TANK AREAS

One soil boring (SB-22) was advanced at the location of the Area #1 former UST. No organic vapors were detected by the PID and there was no visual or olfactory evidence of petroleum hydrocarbon impact. One soil sample was collected from a depth of 24 feet bgs, where moist soils were first encountered. This sample was submitted for BTEX, MTBE, and pH analysis. None of the above chemical parameters were detected above laboratory reporting limits. The pH was measured at 9.1.

One soil boring (SB-27) was advanced at the location of the Area #2 former UST. No organic vapors were detected by the PID and there was no visual or olfactory evidence of petroleum hydrocarbon impact. One soil sample was collected from a depth of 22 feet bgs, where moist soils were first encountered. This sample was submitted for BTEX, MTBE, and pH analysis. Toluene was detected at a concentration of 6.6 µg/kg. The pH was measured at 8.7.

None of the concentrations detected at the former UST areas exceeded Region 9 PRGs for potential residential sites. The measured pH levels are slightly alkaline, but relatively neutral.

4.2 FORMER LEAD RECLAMATION AREA

One soil boring was advanced to one foot below the concrete within the former lead reclamation area. One soil sample was collected and submitted for lead analysis. Lead was detected at a concentration of 5.9 mg/kg, which is well below the Modified California PRG for lead for potential residential sites.

4.3 USED OIL PROCESSING AREA

One soil boring (SB-24) was advanced at the location of the Used Oil Processing area. Organic vapors were detected at a depth of 4 feet bgs. A soil sample from this depth was submitted for BTEX and TPH analysis. Toluene was the only parameter detected, at a concentration of 150 µg/kg. The toluene concentration is well below the listed Region 9 PRG for toluene for potential residential sites (520 mg/kg).

4.4 SOLID WASTES

Two soil borings (SB-19 and SB-20) were advanced 30-inches bgs to investigate areas of potential solid wastes (sweepings). Three soil samples from each boring (0 to 6, 12 to 18, and 24 to 30 inches bgs) were submitted for lead analysis. Lead was detected in all samples but only exceeded the Region 9 (modified for California) PRG (150 mg/kg) for potential residential sites in the 0 to 6 inch sample at SB-20 (lead concentration of 487 mg/kg). The industrial PRG was not exceeded.

4.5 SPILLS/RELEASES OF LEAD OXIDE DUST

Twenty-one soil borings (SB-1 through SB-18, SB-21, and SB-25 and SB-26) were advanced 30-inches bgs to investigate potential spills or releases and accumulations of lead oxide dust. These areas are located primarily along the railroad spur and grassy areas surrounding the Site operations. Three soil samples from each boring (0 to 6, 12 to 18, and 24 to 30 inches bgs) were submitted for lead analysis except at SB-25 where only

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two were collected due to no recovery from the 0 to 6 inches interval. Lead was detected in all samples at concentrations that ranged from 2.1 mg/kg to 63,500 mg/kg.

Fourteen soil samples collected from the 0 to 6-inch interval (SB-1, SB-3, SB-8 through SB-16, SB-20, SB-21, and SB-26) exceeded the Modified California residential PRG. Six soil samples from the 0 to 6-inch interval (SB-11, SB-13, SB-14, SB-16, SB-21, and SB-26) exceeded the USEPA Region 9 PRG for industrial sites. Three soil samples collected from the 12 to 18-inch interval (SB-21, SB-25, and SB-26) exceeded the Modified California residential PRG, while only one soil sample (SB-21) exceeded USEPA industrial PRG. Two soil samples collected from the 24 to 30-inch interval (SB-21 and SB-25) exceeded the Modified California residential PRG, but none of the soil samples exceeded the USEPA industrial PRG.

5.0 CONCLUSIONS

The following presents the conclusions based on the data collected during the Phase II ESA:

REC No. 1 - Former USTs

No evidence of petroleum hydrocarbon impact above Region 9 PRGs for potential residential or industrial sites was detected at either of the former UST areas.

REC No. 2 - Former lead reclamation area

No evidence of lead impact above Region 9 PRGs for potential residential (Modified California) or industrial sites was detected beneath the concrete flooring of the former lead reclamation area.

REC No. 6 - Used oil processing area

No evidence used oil impact above Region 9 PRGs for potential residential or industrial sites was detected at the used oil processing area.

REC No. 7 - Solid wastes

Lead concentrations exceeding Modified California Region 9 residential site PRGs were detected in the 0 to 6-inch bgs surface soil sample from SB-20 collected adjacent to the storm water retention basin. The underlying sample from the 12 to 18-inch bgs interval did not exceed the residential PRG.

REC No. 8 - Spills/releases of lead oxide dust

Lead concentration exceeding Modified California residential PRGs were detected at several Site areas. These areas are as follows:

- along the railroad spur, particularly along the loading docks (SB-15, SB-16, SB21, SB-25, and SB-26) in samples collected from 0 to 6, 12 to 18, and 24 to 30 inches bgs;
- the grassy area across from the bagging operations north of the driveway (SB-10 through SB-14) in samples collected from 0 to 6 inches bgs;
- the grassy area near the Guard House (SB-1 and SB-3) in samples collected from 0 to 6 inches bgs; and

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- the grassy areas along southern driveway downwind of the breezeway between the air washers (SB-8 and SB-9) in samples collected from 0 to 6 inches bgs.

Elevated concentrations of lead above the industrial PRGs were also detected along the railway spur in the 0 to 6-inch interval and the 12-18-inch interval, and in the grassy area across from the bagging operations in the 0 to 6-inch interval.

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1.0 CONCRETE SAMPLING ACTIVITIES AND RESULTS

The Concrete investigation consisted of two phases: concrete Chip sampling and a concrete Core sampling. The purpose of sampling was to characterize the floor concrete for on-site use or off-site disposal as it relates to lead impact.

1.1 TERMINOLOGY

The following terminologies are used in this letter.

Concrete	Refers to floor slab only
Chip Sample	Samples collected by chipping the surface of concrete, typically from the upper 1/2-inches of surface
Core Sample	Sample collected by coring the entire depth of concrete

1.2 APPROACH

Based on initial discussion with Delphi, the plan for concrete slab was to remove, crush, and use the crushed concrete as fill at the Site (if clean), or remove and transport it to an appropriated disposal facility. Because of the historical use of facility, a plan to sample the concrete and profile the concrete was developed. The phase I and II site assessment conducted for the Site indicated that lead is the chemical of concern at this Site.

Two types of concrete lead impact were considered. The first impact included penetration of lead into the surface of concrete (typically less than 1/2-inches) and the second impact is when the lead has penetrated through most of the concrete thickness. Under the two options of onsite use of concrete by crushing and offsite disposal of concrete, two types of sampling methodology was developed, including 1) chip sampling, and 2) Core sampling.

The purpose of Chip sampling was to identify the concentration of lead in surface of concrete. The basis for this sampling was based on the assumption that if the concrete is crushed at the site, this layer may get separated from the rest of concrete. If average concentration of Chip sample exceeds 1200 mg/kg, then the concrete may not be used onsite and has to be transported offsite.

All the Chip samples were collected based on both biased and random basis. The biased samples were collected in areas where surface erosion of cement and exposed gravel was observed. The random samples were collected on a grid system of 25 to

100 feet distance based on operational history. The entire paved area of the facility (excluding the asphalt parking to the north) was sampled.

1.3 RATIONAL FOR SAMPLING

Two types of sampling were conducted at the Site, including biased (authoritative) and random (non-authoritative sampling). The Site has good documentation regarding the location of the past operations, including engineering drawings that show the locations and dimensions of the hazardous material storage and use areas, aboveground tanks, access roads, etc. Based on this information, the concrete investigation was designed to determine sampling locations at the Site on both authoritative “biased” and systematic random basis.

Authoritative or biased sampling was conducted in areas where the presence of lead was expected due to previous activities or features such as hazardous material storage areas, aboveground tanks, etc. The main purpose of the authoritative “biased” samples was to investigate the presence, extent, and concentrations of lead, if any. Systematic random sampling was conducted in areas of the Site where no indication of Site-related activities that could have impacted the soil were evident from the historical information. The purpose of systematic random samples was to verify the absence of lead in these areas. The proposed systematic random samples also provided sufficient statistical power to characterize the concentrations of lead in non-source areas with a reasonable degree of confidence.

1.3.1 SAMPLING LOCATIONS AND RATIONALE

Concrete sample locations were based on previous Site operations and on site specific sample grids for the buildings and outside areas. Samples were collected from inside the main building based on suspected contaminant areas. A concrete sample location map is presented as **Figure X**.

To evaluate the surface concrete for contaminants associated with recent Site activities, Earth Tech, under the direction of PIVOX Corporation, collected concrete samples at more than 80 different locations within the main building and more than 80 locations outside and in smaller adjacent buildings.

Within the main building a grid was set up based on increments of 50 feet by 50 feet starting in the south west corner of the building. Sample locations were identified by their grid location followed by a numerical identifier unique to each sample location within that grid (i.e. A1-1). In some areas of concern, a grid system of 25 feet by 25 feet was used for sampling location.

Outside of the main building a grid was set up based on increment of 100 feet by 100 feet starting in the south west corner of the property and using a double letter to distinguish from main building samples (i.e. AA1-1). **Figure X** shows the concrete sample locations at the Site. In some areas of concern, a grid system of 50 feet by 50 feet was used for sampling location.

1.3.2 SAMPLE COLLECTION PROCEDURES

Concrete Chip samples were collected using a large electric hammer drill to Chip the surface concrete. Concrete was chipped from grade to approximately ½-inches deep and the chips were collected in four ounce glass jars for submittal to the laboratory.

All sample jars were labeled, packed in pre-chilled coolers, and transported to Associated Laboratories in Orange, California, (a California certified laboratory) under proper chain-of-custody procedures.

1.3.3 DECONTAMINATION

To avoid cross contamination, the sampling equipment was cleaned prior to sampling at each location and again at the conclusion of sampling activities at each location. The sampling materials were decontaminated using the following:

- Wash with Alconox™ (a non-phosphate soap) solution,
- Rinse with distilled water,
- Second rinse with distilled water, and
- Air dry.

Decontamination water was processed through the onsite Waste Water Treatment System.

1.3.4 CONCRETE ANALYTICAL PROCEDURES

Each of the concrete samples was submitted for total lead analysis following EPA Method 6010B. Based on the results of total lead, selected samples were analyzed for STLC lead by USEPA Method 6010/STLC and TCLP lead by USEPA Method 1311/6010. A total of three samples were selected for total petroleum hydrocarbons as

carbon chain (TPH-cc) analysis including diesel and heavy hydrocarbon ranges by USEPA Method 8015 and volatile aromatic compounds (VOCs) by USEPA Method 8260B. These three samples were located within visibly oily stained areas.

1.4 CONCRETE CHARACTERIZATION METHODS

Concrete characterization and profile is always conducted based on California and RCRA regulations. Core sampling of concrete is appropriate method of sampling since concrete impact is typically limited to the upper 1/2 –inches of concrete and Core samples represent the entire thickness (4 to 8-inches). The Core samples were collected and crushed in an analytical laboratory and then tested.

1.4.1 REGULATORY CLASSIFICATIONS

For the purpose of offsite disposal, both RCRA and California regulations require the following limits:

RCRA and California	5 mg/l (using TCLP test procedure)
California	5 mg/l (using STLC test procedure)
California	1,000 mg/kg (using TTLC test procedure)

If lead concentration exceeded the levels discussed above, then the waste was considered as both RCRA and California hazardous. If lead concentration is below RCRA and above California levels, then the waste was RCRA non-hazardous but California hazardous. If concentrations were below the levels shown above, then the concrete is non-hazardous by both RCRA and California.

If the Chip samples showed significant concentration of lead, then a Core sample (representing the entire thickness of concrete) was collected for the purpose of profiling the waste for offsite disposal. In each area of the operation, one Core sample was collected adjacent to the Chip sample with the highest concentration of lead.

1.5 REPEATABILITY TEST

Even though EPA standards for testing is uniform, for non-standard media such as concrete, sample crushing and preparation could vary depending on the technician in-charge. In order to establish the accuracy and consistency of analytical testing, a repeatability test was conducted. This test was also conducted to verify the concentrations of lead in areas where elevated concentrations were not expected.

The repeatability test included duplicate sampling (adjacent to the previous location) and repeating the test once or twice for the same sample. As indicated earlier, the samples were chosen from areas where the surrounding samples showed low concentrations and the locations were not part of main manufacturing facility. The following table presents the results of repeatability test. The “B” designation refers to the sample collected adjacent to the previous sample and “DUP” designation refers to duplicate sample of the same location.

Sample ID	Sample Designation	Chip Total Lead (mg/kg)	Chip Average (mg/kg)	Core Total (mg/kg)	Core STLC (mg/kg)	Core TCLP (mg/kg)
BB2-CHIP-4		2,790	1,757	17.4	NA	NA
	DUP	2,260				
	B	222				
EE3-CHIP-1		2,140	1,803	18.2	NA	NA
	DUP	1,550				
	DUP	1,720				
GG2-CHIP-2		1810	1,767	NA	NA	
	DUP	1,510				
	DUP	1,980				
II4-CHIP-3		874	3,226	333	NA	NA
	DUP	806				
	B	3,570				
	B, DUP	4,430				

The result of repeatability test indicates that the data are consistent for duplicate sample. However, the samples collected adjacent to the original sample showed at least an order of magnitude of 10 differences.

These results are not considered as major concern for this project for the following results:

- The difference in concentration for Chip samples (adjacent location) shows presence of very small localized area. If similar situation is present throughout the facility, it is very localized and the number of samples collected are more than adequate to show the localization;
- As expected, the Core samples results show that the concentrations are low; and
- The areas with Chip sample concentrations exceeding 1,200 mg/kg (target goal to achieve an average 800 mg/kg PRG) are planned to be sent offsite for disposal, even though the Core results are low.



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Delphi Facility
1201 N. Magnolia Avenue
Anaheim, CA 92801**

Inquiry Number: 1534288.2s

October 18, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
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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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1201 N. MAGNOLIA AVENUE
ANAHEIM, CA 92801

COORDINATES

Latitude (North): 33.851900 - 33° 51' 6.8"
Longitude (West): 117.977600 - 117° 58' 39.4"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 409560.7
UTM Y (Meters): 3745971.0
Elevation: 97 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 33117-G8 ANAHEIM, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
DELPHI 1201 N MAGNOLIA AVE ANAHEIM, CA 92801	UST	N/A
DELPHI CORP 1201 N MAGNOLIA AVE ANAHEIM, CA 92801	FINDS HAZNET RCRA-LQG TRIS RCRA-TSDF CORRACTS CERC-NFRAP	92801DLCRM12
1201 MAGNOLIA AVENUE 1201 MAGNOLIA AVENUE ANAHEIM, CA 92801	ERNS	N/A
DELCO REMY 1201 N MAGNOLIA AVE ANAHEIM, CA 92801	Orange Co. Industrial Site HIST UST EMI CA WDS	N/A
DELCO REMY 1201 MAGNOLIA AVE ANAHEIM, CA 92801	LUST Cortese CA FID UST SWEEPS UST	N/A

EXECUTIVE SUMMARY

DELCO REMY DIV. G.M.C.
1201 N MAGNOLIA AVE
ANAHEIM, CA 92801

HIST 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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites
Cal-Sites..... Calsites Database
CHMIRS..... California Hazardous Material Incident Report System
Notify 65..... Proposition 65 Records
Toxic Pits..... Toxic Pits Cleanup Act Sites
SWF/LF..... Solid Waste Information System
WMUDS/SWAT..... Waste Management Unit Database
CA BOND EXP. PLAN..... Bond Expenditure Plan
VCP..... Voluntary Cleanup Program Properties
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
UMTRA..... Uranium Mill Tailings Sites
US ENG CONTROLS..... Engineering Controls Sites List
ODI..... Open Dump Inventory
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
INDIAN RESERV..... Indian Reservations
RAATS..... RCRA Administrative Action Tracking System
TSCA..... Toxic Substances Control Act

EXECUTIVE SUMMARY

SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CLEANERS..... Cleaner Facilities
DEED..... Deed Restriction Listing
SCH..... School Property Evaluation Program
WIP..... Well Investigation Program Case List
NFA..... No Further Action Determination
NFE..... Properties Needing Further Evaluation

BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites
US INST CONTROL..... Sites with Institutional Controls
VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL ASTM STANDARD

CERCLIS-NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 05/17/2005 has revealed that there is

EXECUTIVE SUMMARY

1 CERC-NFRAP site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERCEM CORP	1380 KNOLLWOOD CIRCLE	1/8 - 1/4NW	G20	45

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 08/11/2005 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CENTURY LAMINATORS INCORPORATE	1225 N KNOLLWOOD CIRCLE	1/8 - 1/4SW	D15	32
CENTURY LAMINATORS	1182 KNOLLWOOD CIRCLE	1/8 - 1/4SSW	H24	51

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 08/11/2005 has revealed that there are 13 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
F H P ANAHEIM COMMERCIAL CENTE	1236 N MAGNOLIA AVE	1/8 - 1/4SSE	E14	32
S AND S METALS INC	2607 W WOODLAND DR	1/8 - 1/4SSE	F17	40
F H P ANAHEIM SENIOR CENTER	1200 N MAGNOLIA AVE	1/8 - 1/4SSE	F23	51
PORTABLE X RAY LABS INC	1151 KNOLLWOOD CR	1/8 - 1/4SSW	I27	54

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
IPC CAL FLEX INC	1255 N KNOLLWOOD CIR	1/8 - 1/4 WSW	B7	19
ICEE USA	1330 KNOLLWOOD	1/8 - 1/4 WNW	C8	22
AMF INC	1335 KNOLLWOOD CIRCLE	1/8 - 1/4 WNW	C9	23
MICEL INC.	1240 N KNOLLWOOD CIR	1/8 - 1/4 WSW	B10	23
AGGRESSIVE ENGINEERING CORP	1235 N KNOLLWOOD CIRCLE	1/8 - 1/4SW	D11	26

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERCEM CORP	1380 KNOLLWOOD CIRCLE	1/8 - 1/4NW	G20	45
L & S MACHINE ENTERPRISES	1190 KNOLLWOOD CIRCLE	1/8 - 1/4SW	H21	48
ELLSWORTH TRUCK	1167 KNOLLWOOD	1/8 - 1/4SSW	I25	52
OPTIMA ASSETT MANAGEMENT	1161 KNOLLWOOD CIR	1/8 - 1/4SSW	I26	53

STATE ASTM STANDARD

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FHP HEALTH PLAN	1236 MAGNOLIA AVE	1/8 - 1/4SSE	E13	30
PORTABLE X RAY LABS INC	1151 KNOLLWOOD CR	1/8 - 1/4SSW	I27	54
ARCO / FAST FUEL SS #88	2604	1/4 - 1/2SSE	28	58
UNOCAL #4705	2585 LA PALMA AVE	1/4 - 1/2SSE	J29	62

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

A review of the LUST list, as provided by EDR, and dated 07/11/2005 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FHP HEALTH PLAN	1236 MAGNOLIA AVE	1/8 - 1/4SSE	E13	30
FIRESTONE TIRES	1200 MAGNOLIA	1/8 - 1/4SSE	F22	49
PORTABLE X RAY LABS INC	1151 KNOLLWOOD CR	1/8 - 1/4SSW	I27	54
ARCO / FAST FUEL SS #88	2604	1/4 - 1/2SSE	28	58
76 STATION #4705	2585 W. LA PALMA AVENUE	1/4 - 1/2SSE	J30	63
TOSCO - 76 STATION #4705	2585 LA PALMA AVE	1/4 - 1/2SSE	J31	65

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

A review of the UST list, as provided by EDR, and dated 07/11/2005 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TALBERT MEDICAL GROUP ANAHEIM	1236 N MAGNOLIA AVE	1/8 - 1/4SSE	E12	30
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CENTURY LAMINATORS, INC.	1225 N KNOLLWOOD CIR	1/8 - 1/4SW	D16	39

EXECUTIVE SUMMARY

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AGGRESSIVE ENGINEERING CORP</i>	<i>1235 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D11</i>	<i>26</i>
<i>CENTURY LAMINATORS INCORPORATE</i>	<i>1225 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D15</i>	<i>32</i>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AGGRESSIVE ENGINEERING CORP</i>	<i>1235 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D11</i>	<i>26</i>
<i>CENTURY LAMINATORS INCORPORATE</i>	<i>1225 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D15</i>	<i>32</i>

SWEEPS: 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 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 3 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>PORTABLE X RAY LABS INC</i>	<i>1151 KNOLLWOOD CR</i>	<i>1/8 - 1/4 SSW</i>	<i>I27</i>	<i>54</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>AGGRESSIVE ENGINEERING CORP</i>	<i>1235 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D11</i>	<i>26</i>
<i>CENTURY LAMINATORS INCORPORATE</i>	<i>1225 N KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4 SW</i>	<i>D15</i>	<i>32</i>

STATE OR LOCAL ASTM SUPPLEMENTAL

REF: This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

A review of the REF list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 REF site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERCEM	1380 NORTH KNOLLWOOD	1/8 - 1/4 NW	G19	43

EXECUTIVE SUMMARY

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

A review of the SLIC list, as provided by EDR, and dated 07/11/2005 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>INTERCOM CORP</i>	<i>1380 KNOLLWOOD CIRCLE</i>	<i>1/8 - 1/4NW</i>	<i>G18</i>	<i>41</i>

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
HOOKER CHEMICAL & PLASTICS CORP	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP
FACILITY 8232-1	Cortese
FACILITY 13113-1	Cortese
COSBY OIL / 5 POINTS U SE	SWF/LF, Cortese
KESTER SOLDER FACILITY	LUST
INSIDE PCB STORAGE FACILITY.	ERNS

OVERVIEW MAP - 1534288.2s - Haley & Aldrich, Inc.



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

⚡ Power transmission lines

⚡ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

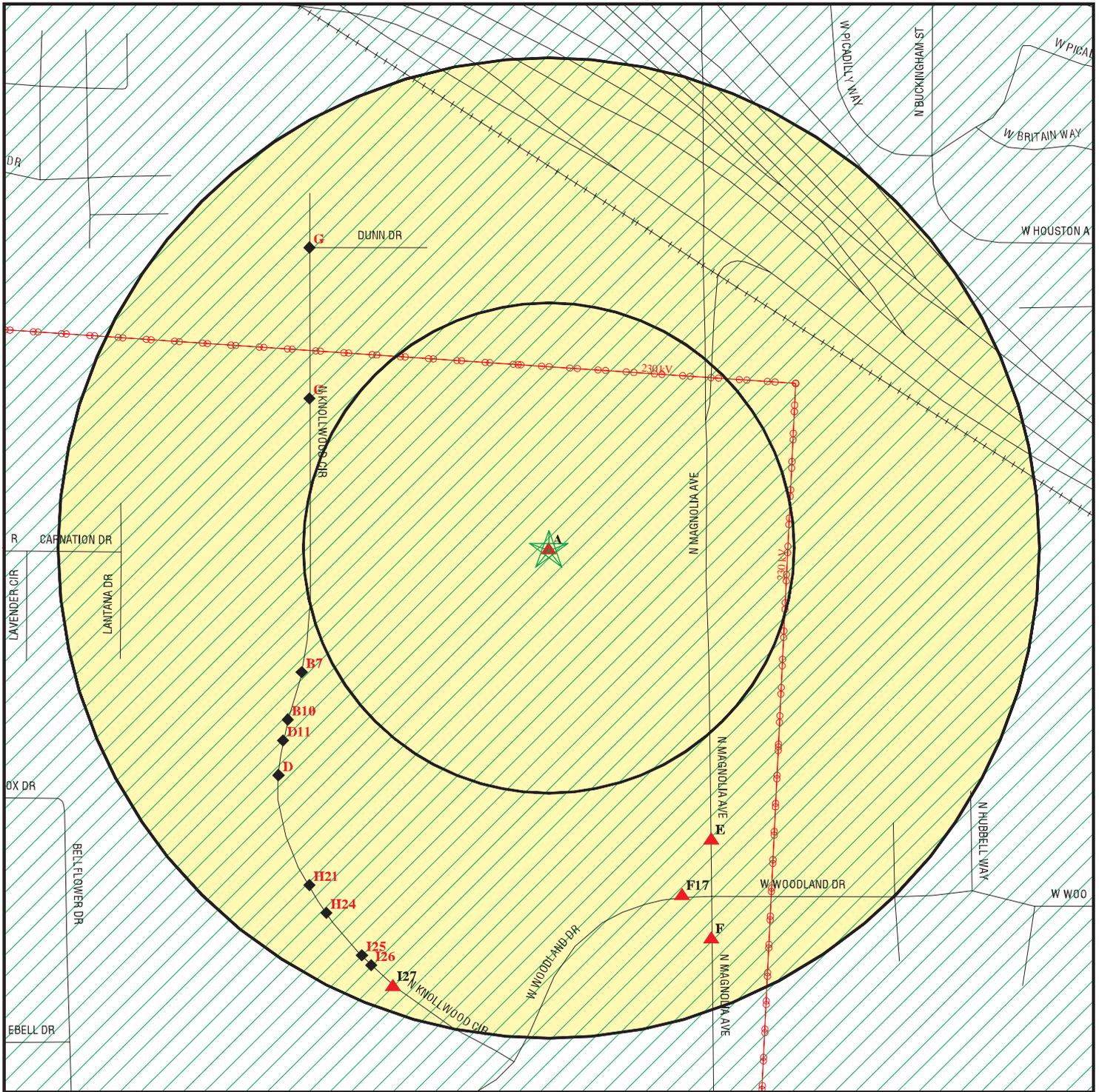
■ Areas of Concern



TARGET PROPERTY: Delphi Facility
ADDRESS: 1201 N. Magnolia Avenue
CITY/STATE/ZIP: Anaheim CA 92801
LAT/LONG: 33.8519 / 117.9776

CUSTOMER: Haley & Aldrich, Inc.
CONTACT: Tom Tatnall
INQUIRY #: 1534288.2s
DATE: October 18, 2005 9:40 am

DETAIL MAP - 1534288.2s - Haley & Aldrich, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Ⓜ Historical Gas Stations / Historical Dry Cleaners
See the EDR Proprietary Historical Map Findings
- Ⓜ Sensitive Receptors
- Ⓜ National Priority List Sites
- Ⓜ Landfill Sites
- Ⓜ Dept. Defense Sites
- ▨ Indian Reservations BIA
- Ⓜ Power transmission lines
- Ⓜ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Areas of Concern

TARGET PROPERTY: Delphi Facility
ADDRESS: 1201 N. Magnolia Avenue
CITY/STATE/ZIP: Anaheim CA 92801
LAT/LONG: 33.8519 / 117.9776

CUSTOMER: Haley & Aldrich, Inc.
CONTACT: Tom Tatnall
INQUIRY #: 1534288.2s
DATE: October 18, 2005 9:40 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP	X	0.250	0	1	NR	NR	NR	1
CORRACTS	X	1.000	0	0	0	0	NR	0
RCRA TSD	X	0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.	X	0.250	0	2	NR	NR	NR	2
RCRA Sm. Quan. Gen.		0.250	0	13	NR	NR	NR	13
ERNS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese	X	0.500	0	2	2	NR	NR	4
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	0	3	3	NR	NR	6
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST	X	0.250	0	2	NR	NR	NR	2
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST	X	0.250	0	2	NR	NR	NR	2
HIST UST	X	0.250	0	2	NR	NR	NR	2
SWEEPS UST	X	0.250	0	3	NR	NR	NR	3
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS	X	TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS	X	TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
REF		0.250	0	1	NR	NR	NR	1
WIP		0.250	0	0	NR	NR	NR	0
EMI	X	TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	1	0	NR	NR	1
HAZNET	X	TP	NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	X	TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY HISTORICAL DATABASES</u>								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
<u>BROWNFIELDS DATABASES</u>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **DELPHI**
Target **1201 N MAGNOLIA AVE**
Property **ANAHEIM, CA 92801**

UST **U003713459**
 N/A

Site 1 of 6 in cluster A

Actual:
97 ft.

State UST:
 Facility ID: 4468
 Total Tanks: 1
 Region: STATE
 Local Agency: 30011

A2 **DELPHI CORP**
Target **1201 N MAGNOLIA AVE**
Property **ANAHEIM, CA 92801**

FINDS **1000110298**
HAZNET **92801DLCRM12**
RCRA-LQG
TRIS
RCRA-TSDF
CORRACTS
CERC-NFRAP

Site 2 of 6 in cluster A

Actual:
97 ft.

CERCLIS-NFRAP Classification Data:

Federal Facility: Not a Federal Facility
 Non NPL Code: DR
 NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY	Completed: 06/12/1990
Assessment: PRELIMINARY ASSESSMENT	Completed: 08/30/1990
Assessment: ARCHIVE SITE	Completed: 01/23/1996

CORRACTS Data:

EPA Id: CAD008323396
 Region: 9
 Area Name: ENTIRE FACILITY
 Actual Date: 06/09/1992
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 2002 NAICS Title: Storage Battery Manufacturing
 Storage Battery Manufacturing

EPA Id: CAD008323396
 Region: 9
 Area Name: ENTIRE FACILITY
 Actual Date: 08/31/1990
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
 2002 NAICS Title: Storage Battery Manufacturing
 Storage Battery Manufacturing

RCRAInfo Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event Date: 06/09/1992

Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event Date: 06/09/1992

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DELPHI CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000110298

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 08/31/1990

RCRAInfo:

Owner: DELCO REMY DIV GMC
(714) 220-6001
EPA ID: CAD008323396
Contact: Not reported
Classification: Large Quantity Generator, TSD
TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2003

<u>Waste</u>	<u>Quantity (Lbs)</u>
D008	580822.00

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined:	11/14/2003
Actual Date Achieved Compliance:	02/12/2004
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	03/05/1987
Penalty Type:	Not reported
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	11/14/2003
Penalty Type:	Not reported
Regulation Violated:	264.170-177.I
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/22/1995
Actual Date Achieved Compliance:	03/21/1995
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/22/1995
Penalty Type:	Not reported
Regulation Violated:	264.10-18.B
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	02/22/1995
Actual Date Achieved Compliance:	03/21/1995
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	02/22/1995
Penalty Type:	Not reported
Regulation Violated:	262.50-60
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/05/1992
Actual Date Achieved Compliance:	08/13/1992
Regulation Violated:	262.20-23.B
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	03/05/1992
Actual Date Achieved Compliance:	08/13/1992
Regulation Violated:	270
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

DELPHI CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000110298

Date Violation Determined: 05/25/1989
 Actual Date Achieved Compliance: 06/27/1989

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/02/1989
 Penalty Type: Not reported

Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 04/20/1989
 Actual Date Achieved Compliance: 06/27/1989

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/25/1989
 Penalty Type: Not reported

Regulation Violated: 270
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 03/05/1987
 Actual Date Achieved Compliance: 09/04/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/05/1987
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 11/14/2003
 Penalty Type: Not reported

Regulation Violated: 264.70-77.E
 Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 03/05/1987
 Actual Date Achieved Compliance: 09/04/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/05/1987
 Penalty Type: Not reported

Regulation Violated: 264.110-120.G
 Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
 Date Violation Determined: 03/05/1987
 Actual Date Achieved Compliance: 09/04/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/05/1987
 Penalty Type: Not reported

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	3/4/1992	4700	STATE
Proposed Monetary Penalty	3/4/1992	4700	STATE

There are 10 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	20040212
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19950321
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19950321
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920813
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19920813
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890627
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890627

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
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DELPHI CORP (Continued)

1000110298

Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870904
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870904
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19870904

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AEROMETRIC INFORMATION RETRIEVAL SYSTEM/AIRS FACILITY SYSTEM
 HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
 NATIONAL COMPLIANCE DATABASE SYSTEM
 NATIONAL EMISSIONS INVENTORY
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM
 TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

HAZNET:

Gepaid:	CAD008323396
TSD EPA ID:	CAD028409019
Gen County:	Orange
Tsd County:	Los Angeles
Tons:	.0000
Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Contact:	DELPHI AUTOMOTIVE SYSTEMS LLC
Telephone:	(313) 556-4203
Mailing Address:	1201 N MAGNOLIA AVE ANAHEIM, CA 92801 - 2609
County	Orange
Gepaid:	CAD008323396
TSD EPA ID:	CAD028409019
Gen County:	Orange
Tsd County:	Los Angeles
Tons:	.2919
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Contact:	DELPHI AUTOMOTIVE SYSTEMS LLC
Telephone:	(313) 556-4203
Mailing Address:	1201 N MAGNOLIA AVE ANAHEIM, CA 92801 - 2609
County	Orange
Gepaid:	CAD008323396
TSD EPA ID:	CAD028409019
Gen County:	Orange
Tsd County:	Los Angeles
Tons:	.0125
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Transfer Station
Contact:	DELPHI AUTOMOTIVE SYSTEMS LLC
Telephone:	(313) 556-4203
Mailing Address:	1201 N MAGNOLIA AVE ANAHEIM, CA 92801 - 2609
County	Orange

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DELPHI CORP (Continued)

1000110298

Gepaid: CAD008323396
 TSD EPA ID: CAD028409019
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .0000
 Waste Category: Waste oil and mixed oil
 Disposal Method: Not reported
 Contact: DELPHI AUTOMOTIVE SYSTEMS LLC
 Telephone: (313) 556-4203
 Mailing Address: 1201 N MAGNOLIA AVE
 ANAHEIM, CA 92801 - 2609
 County Orange

Gepaid: CAD008323396
 TSD EPA ID: CAD028409019
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .3750
 Waste Category: Waste oil and mixed oil
 Disposal Method: Transfer Station
 Contact: DELPHI AUTOMOTIVE SYSTEMS LLC
 Telephone: (313) 556-4203
 Mailing Address: 1201 N MAGNOLIA AVE
 ANAHEIM, CA 92801 - 2609
 County Orange

[Click this hyperlink](#) while viewing on your computer to access 81 additional CA HAZNET record(s) in the EDR Site Report.

A3 1201 MAGNOLIA AVENUE
 Target 1201 MAGNOLIA AVENUE
 Property ANAHEIM, CA 92801

ERNS 90170265
 N/A

Actual: Site 3 of 6 in cluster A
 97 ft.

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

A4 DELCO REMY
 Target 1201 N MAGNOLIA AVE
 Property ANAHEIM, CA 92801

Orange Co. Industrial Site U001578540
 HIST UST N/A
 EMI
 CA WDS

Actual: Site 4 of 6 in cluster A
 97 ft.

Industrial Site:
 Case ID: 88IC080
 Record ID: RO0000161
 Region: ORANGE
 Released Chemical: LEAD COMPOUNDS
 Current Status: CLOSED
 Closure Type: 3/3/2000

WDS:

Facility ID: Santa Ana River 30I015140
 Facility Contact BILL VIERRA
 SIC Code: 0
 Agency Name: DELPHI AUTOMOTIVE SYSTEMS LLC
 Agency Address: 5725 DELPHI DR

Facility Telephone (714) 220-6027
 SIC Code 2: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

DELCO REMY (Continued)

U001578540

<p>Tank Capacity: 00019000 Type of Fuel: DIESEL Leak Detection: Visual Contact Name: FRED BERCHER Facility Type: Other</p> <p>Facility ID: 48056 Total Tanks: 7 Owner Address: 1201 N. MAGNOLIA ANAHEIM, CA 92801</p> <p>Tank Used for: PRODUCT Tank Num: 4 Tank Capacity: 00019000 Type of Fuel: DIESEL Leak Detection: Visual Contact Name: FRED BERCHER Facility Type: Other</p> <p>Facility ID: 48056 Total Tanks: 7 Owner Address: 1201 N. MAGNOLIA ANAHEIM, CA 92801</p> <p>Tank Used for: PRODUCT Tank Num: 5 Tank Capacity: 00019000 Type of Fuel: DIESEL Leak Detection: Visual Contact Name: FRED BERCHER Facility Type: Other</p> <p>Facility ID: 48056 Total Tanks: 7 Owner Address: 1201 N. MAGNOLIA ANAHEIM, CA 92801</p> <p>Tank Used for: WASTE Tank Num: 6 Tank Capacity: 00012000 Type of Fuel: WASTE OIL Leak Detection: Visual Contact Name: FRED BERCHER Facility Type: Other</p> <p>Facility ID: 48056 Total Tanks: 7 Owner Address: 1201 N. MAGNOLIA ANAHEIM, CA 92801</p> <p>Tank Used for: WASTE Tank Num: 7 Tank Capacity: 00012000 Type of Fuel: WASTE OIL Leak Detection: Visual Contact Name: FRED BERCHER Facility Type: Other</p>	<p>Year Installed: 1954 Tank Construction: 12 inches</p> <p>Telephone: (714) 527-7204 Other Type: BATTERY PLANT</p> <p>Owner Name: DELCO REMY DIV. G.M.C. Region: STATE</p> <p>Container Num: FUEL 3 Year Installed: 1954 Tank Construction: 12 inches</p> <p>Telephone: (714) 527-7204 Other Type: BATTERY PLANT</p> <p>Owner Name: DELCO REMY DIV. G.M.C. Region: STATE</p> <p>Container Num: FUEL 4 Year Installed: 1954 Tank Construction: 12 inches</p> <p>Telephone: (714) 527-7204 Other Type: BATTERY PLANT</p> <p>Owner Name: DELCO REMY DIV. G.M.C. Region: STATE</p> <p>Container Num: OIL 1 Year Installed: 1954 Tank Construction: 12 inches</p> <p>Telephone: (714) 527-7204 Other Type: BATTERY PLANT</p> <p>Owner Name: DELCO REMY DIV. G.M.C. Region: STATE</p> <p>Container Num: OIL 2 Year Installed: 1954 Tank Construction: 12 inches</p> <p>Telephone: (714) 527-7204 Other Type: BATTERY PLANT</p>
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EMISSIONS :
 Year : 1990
 Facility ID : 7865
 Air District Code : SC

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DELCO REMY (Continued)

U001578540

SIC Code : 0
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 10
Part. Matter 10 Micrometers and Smaller Tons/Yr : 10

Year : 1993
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
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: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 9
Part. Matter 10 Micrometers and Smaller Tons/Yr : 6

Year : 1995
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
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: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 9
Part. Matter 10 Micrometers and Smaller Tons/Yr : 6

Year : 1996
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

DELCO REMY (Continued)

U001578540

Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 14
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 10
Part. Matter 10 Micrometers and Smaller Tons/Yr : 7

Year : 1997
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 7
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 8
Part. Matter 10 Micrometers and Smaller Tons/Yr : 5

Year : 1998
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 2
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 7
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 8
Part. Matter 10 Micrometers and Smaller Tons/Yr : 5

Year : 1999
Facility ID : 7865
Air District Code : SC
SIC Code : 3714
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

DELCO REMY (Continued)

U001578540

County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	8
Part. Matter 10 Micrometers and Smaller Tons/Yr :	5
Year :	2000
Facility ID :	7865
Air District Code :	SC
SIC Code :	3714
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	8
Part. Matter 10 Micrometers and Smaller Tons/Yr :	5
Year :	2001
Facility ID :	7865
Air District Code :	SC
SIC Code :	3714
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	8
Part. Matter 10 Micrometers and Smaller Tons/Yr :	5
Year :	2002
Facility ID :	120965
Air District Code :	SC
SIC Code :	3691
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

DELCO REMY (Continued)

EDR ID Number
 EPA ID Number

U001578540

Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 3
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr : 2
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 1

Year : 2003
 Facility ID : 120965
 Air District Code : SC
 SIC Code : 3691
 Air Basin : SC
 Air District Name : SOUTH COAST AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 30
 County ID : 30
 Total Organic Hydrocarbon Gases Tons/Yr: 0
 Reactive Organic Gases Tons/Yr: 0
 Carbon Monoxide Emissions Tons/Yr: 1
 NOX - Oxides of Nitrogen Tons/Yr: 3
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr : 2
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 1

**A5
 Target
 Property**

**DELCO REMY
 1201 MAGNOLIA AVE
 ANAHEIM, CA 92801**

**LUST S101619841
 Cortese N/A
 CA FID UST
 SWEEPS UST**

Site 5 of 6 in cluster A

**Actual:
 97 ft.**

State LUST:
 Cross Street: LA PALMA
 Qty Leaked: Not reported
 Case Number 083000126T
 Reg Board: Santa Ana Region
 Chemical: 1310732
 Lead Agency: Regional Board
 Local Agency : 30011
 Case Type: Drinking Water Aquifer affected
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: 1990-05-23 00:00:00
 Close Date: 1992-09-10 00:00:00
 Release Date: 1986-11-18 00:00:00
 Cleanup Fund Id : Not reported
 Discover Date : Not reported
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 1987-05-21 00:00:00
 Funding: State Funds
 Staff Initials: ROW
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

DELCO REMY (Continued)

S101619841

MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : Not reported
 Beneficial: Not reported
 Staff : CAB
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: COASTAL PLAIN OF ORA
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : 1992-09-10 00:00:00
 Stop Date : Not reported
 Work Suspended : Not reported
 Responsible Party: DELCO REMY
 RP Address: Not reported
 Global Id: T0605900098
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 0
 Mtbe Fuel: 0
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary : 9/20/90 - MONITORING HIGH PH PLUME. APPEARS TO SELF-REMIEDIATING THROUGH NATURAL BUFFERING AND DILUTION

LUST Region 8:

Region: 8 Cross Street: LA PALMA
 Regional Board: 08
 Local Case Num: Not reported
 Facility Status: Case Closed
 Staff: CAB
 Facility Contact: Not reported
 Lead Agency: Regional Board
 Local Agency: City of Anaheim, Utilities Dept.
 Qty Leaked: Not reported
 County: Orange
 Cleanup Fund Id : Not reported
 Review Date: Not reported Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: 5/23/1990 Monitoring: 5/23/1990
 Close Date: 9/10/1992
 Discover Date : Not reported
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : 5/21/1987
 Funding: State Funds
 Staff Initials: ROW
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Lat/Lon : 33.8515377 / -117.9763069

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

DELCO REMY (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101619841

Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605900098
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: *
Case Type: A
How Stopped Date: Not reported
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083000126T
Substance: 1310732
Staff: CAB
Summary : 9/20/90 - MONITORING HIGH PH PLUME. APPEARS TO SELF-REMEDIANATING THROUGH NATURAL BUFFERING AND DILUTION

CORTESE:

Region: CORTESE
Fac Address 2: 1201 MAGNOLIA AVE

FID:

Facility ID: 30000006 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (714) 220-6000
Mail To: Not reported
1201 N MAGNOLIA
ANAHEIM, CA 92801
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:

Status : A
Comp Number : 4468
Number : 9
Board Of Equalization : Not reported
Ref Date : 02-11-92
Act Date : 02-11-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 730
Swrcb Tank Id : 30-011-004468-000018
Actv Date : Not reported
Capacity : 15000
Tank Use : M.V. FUEL
Stg : W

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

DELCO REMY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S101619841

Content : Not reported
 Number Of Tanks : 1

Status : Not reported
 Comp Number : 4468
 Number : Not reported
 Board Of Equalization : Not reported
 Ref Date : Not reported
 Act Date : Not reported
 Created Date : Not reported
 Tank Status : Not reported
 Owner Tank Id : Not reported
 Swrcb Tank Id : 30-011-004468-000011
 Actv Date : Not reported
 Capacity : 500
 Tank Use : M.V. FUEL
 Stg : WASTE
 Content : DIESEL
 Number Of Tanks : 1

**A6
 Target
 Property**

**DELCO REMY DIV. G.M.C.
 1201 N MAGNOLIA AVE
 ANAHEIM, CA 92801**

**HIST UST U001578587
 N/A**

Site 6 of 6 in cluster A

**Actual:
 97 ft.**

UST HIST:

Facility ID: 49909
 Total Tanks: 1
 Owner Address: 1201 N. MAGNOLIA
 ANAHEIM, CA 92801 - 2693
 Tank Used for: PRODUCT
 Tank Num: 1
 Tank Capacity: 00015000
 Type of Fuel: Not reported
 Leak Detection: Visual
 Contact Name: FRED BERCHER
 Facility Type: Other

Owner Name: DELCO REMY DIV. G.M.C.
 Region: STATE

Container Num: WATER #1
 Year Installed: 1977
 Tank Construction: Not Reported

Telephone: (714) 527-7204
 Other Type: BATTERY PLANT

**B7
 WSW
 1/8-1/4
 744 ft.**

**IPC CAL FLEX INC
 1255 N KNOLLWOOD CIR
 ANAHEIM, CA 92801**

**RCRA-SQG 1000114238
 FINDS CAD981159494
 HAZNET
 CA WDS**

Site 1 of 2 in cluster B

**Relative:
 Lower**

RCRAInfo:

Owner: CAL FLEX INC
 (714) 952-0373
 EPA ID: CAD981159494
 Contact: HINSBERGER HAL
 (714) 952-0373
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

**Actual:
 93 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

IPC CAL FLEX INC (Continued)

1000114238

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD981159494
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: 99
Tons: 4.17
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: ***
Contact: HAL HINSBERGER, QA MGR
Telephone: (714) 952-0373
Mailing Address: 1255 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1310
County: Not reported

Gepaid: CAD981159494
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: 99
Tons: 0.84
Waste Category: Other inorganic solid waste
Disposal Method: Not reported
Contact: HAL HINSBERGER, QA MGR
Telephone: (714) 952-0373
Mailing Address: 1255 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1310
County: Not reported

Gepaid: CAD981159494
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: Los Angeles
Tons: 0.22
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Recycler
Contact: HAL HINSBERGER, QA MGR
Telephone: (714) 952-0373
Mailing Address: 1255 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1310
County: Not reported

Gepaid: CAD981159494
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: Los Angeles
Tons: 0.22
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Not reported
Contact: HAL HINSBERGER, QA MGR
Telephone: (714) 952-0373
Mailing Address: 1255 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1310
County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

IPC CAL FLEX INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000114238

Gepaid: CAD981159494
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: San Bernardino
Tons: 0.84
Waste Category: Other inorganic solid waste
Disposal Method: Not reported
Contact: HAL HINSBERGER, QA MGR
Telephone: (714) 952-0373
Mailing Address: 1255 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1310
County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 63 additional CA HAZNET record(s) in the EDR Site Report.

WDS:

Facility ID: Santa Ana River 301006668
Facility Contact: HAROLD L. HINSBERGER
SIC Code: 0
Agency Name: IPC CAL FLEX INC
Agency Address: 1255 KNOLLWOOD CIR
ANAHEIM 92801 - 1310
Agency Contact: HAL HINSBERGER
Design Flow: 0.00000 Million Gal/Day
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.
Agency Type: Private
Waste Type: Not reported
Threat 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.
Reclamation: Not reported
POTW: Not reported
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C8
WNW
1/8-1/4
751 ft.

ICEE USA
1330 KNOLLWOOD
ANAHEIM, CA 92801

RCRA-SQG
FINDS
HAZNET

1000199134
CAD981692833

Site 1 of 2 in cluster C

Relative:
Lower

RCRAInfo:

Owner: ADELE ROGNLIEN
 (415) 555-1212

Actual:
92 ft.

EPA ID: CAD981692833

Contact: ENVIRONMENTAL MANAGER
 (714) 220-3100

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD981692833
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 0.39
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Recycler
 Contact: NON-DELIVERABLE PER 95 FEES-PH
 Telephone: --
 Mailing Address: 1330 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801
 County: Not reported

Gepaid: CAD981692833
 TSD EPA ID: CAT000613927
 Gen County: Orange
 Tsd County: San Bernardino
 Tons: 0.2458
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1330 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801
 County: Orange

Gepaid: CAD981692833
 TSD EPA ID: CAT000613927
 Gen County: Orange
 Tsd County: San Bernardino
 Tons: 1.0133
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1330 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801
 County: Orange

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ICEE USA (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000199134

Gepaid: CAD981692833
 TSD EPA ID: CAT000613927
 Gen County: Orange
 Tsd County: San Bernardino
 Tons: .7130
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Not reported
 Contact: Not reported
 Telephone: (000) 000-0000
 Mailing Address: 1330 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801
 County Orange

**C9
 WNW
 1/8-1/4
 760 ft.**

**AMF INC
 1335 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**RCRA-SQG 1000119309
 FINDS CAD982509549**

Site 2 of 2 in cluster C

**Relative:
 Lower**

RCRAInfo:
 Owner: MARK NORDEN
 (415) 555-1212
 EPA ID: CAD982509549
 Contact: ENVIRONMENTAL MANAGER
 (714) 594-5273

**Actual:
 92 ft.**

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

**B10
 WSW
 1/8-1/4
 841 ft.**

**MICEL INC.
 1240 N KNOLLWOOD CIR
 ANAHEIM, CA 92801**

**RCRA-SQG 1004677666
 FINDS CAR000100180
 HAZNET
 EMI
 CA WDS**

Site 2 of 2 in cluster B

**Relative:
 Lower**

RCRAInfo:
 Owner: CHEMITHON SURFACE FINISHING
 (206) 937-9954
 EPA ID: CAR000100180
 Contact: DUNCAN DUNN
 (714) 995-3300

**Actual:
 93 ft.**

Classification: Small Quantity Generator
 TSD Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 2003

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D002	3444.87	D007	22940.78
D010	22940.78		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MICEL INC. (Continued)

1004677666

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAC002288209
TSD EPA ID: CAD982444481
Gen County: Orange
Tsd County: San Bernardino
Tons: 5.7337
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Contact: MICEL INC
Telephone: (714) 995-3300
Mailing Address: 1240 N KNOLLWOOD CIR
ANAHEIM, CA 92801
County Orange

Gepaid: CAC002288209
TSD EPA ID: CAD097030993
Gen County: Orange
Tsd County: Los Angeles
Tons: 1.1467
Waste Category: Liquids with chromium (VI) > 500 mg/l
Disposal Method: Recycler
Contact: MICEL INC
Telephone: (714) 995-3300
Mailing Address: 1240 N KNOLLWOOD CIR
ANAHEIM, CA 92801
County Orange

Gepaid: CAC002288209
TSD EPA ID: CAD097030993
Gen County: Orange
Tsd County: Los Angeles
Tons: 3.6696
Waste Category: Off-specification, aged, or surplus inorganics
Disposal Method: Recycler
Contact: MICEL INC
Telephone: (714) 995-3300
Mailing Address: 1240 N KNOLLWOOD CIR
ANAHEIM, CA 92801
County Orange

Gepaid: CAC002288209
TSD EPA ID: CAD097030993
Gen County: Orange
Tsd County: Los Angeles
Tons: .2293
Waste Category: Liquids with pH <UN-> 2 with metals
Disposal Method: Recycler
Contact: MICEL INC
Telephone: (714) 995-3300
Mailing Address: 1240 N KNOLLWOOD CIR
ANAHEIM, CA 92801
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MICEL INC. (Continued)

EDR ID Number
EPA ID Number

Database(s)

1004677666

Gepaid: CAC002288209
TSD EPA ID: CAD097030993
Gen County: Orange
Tsd County: Los Angeles
Tons: .6500
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Other
Contact: MICEL INC
Telephone: (714) 995-3300
Mailing Address: 1240 N KNOLLWOOD CIR
ANAHEIM, CA 92801
County: Orange

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA HAZNET record(s) in the EDR Site Report.

WDS:

Facility ID: Santa Ana River 30I017739
Facility Contact: DUNCAN DUNN
SIC Code: 0
Agency Name: MICEL INC
Agency Address: 1240 KNOLLWOOD CIRCLE
ANAHEIM 92801
Agency Contact: DUNCAN DUNN
Design Flow: 0.00000 Million Gal/Day
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.
Agency Type: Private
Waste Type: Not reported
Threat 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.
Reclamation: Not reported
POTW: Not reported
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 8

EMISSIONS :

Year : 1990
Facility ID : 69423
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MICEL INC. (Continued)

EDR ID Number
 EPA ID Number

Database(s)

County Code : 30
 County ID : 30
 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 and Smaller Tons/Yr : 0

1004677666

**D11
 SW
 1/8-1/4
 883 ft.**

**AGGRESSIVE ENGINEERING CORP
 1235 N KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**RCRA-SQG 1000356561
 FINDS CAD981463649
 HAZNET
 CA FID UST
 HIST UST
 EMI
 CA WDS
 SWEEPS UST**

Site 1 of 3 in cluster D

**Relative:
 Lower**

**Actual:
 93 ft.**

RCRAInfo:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD981463649
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD981463649
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 18.59
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: JEFF BRIDGES
 Telephone: (714) 995-8313
 Mailing Address: 1235 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1310
 County: Not reported
 Gepaid: CAD981463649
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 0.22
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Contact: JEFF BRIDGES
 Telephone: (714) 995-8313
 Mailing Address: 1235 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1310

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

AGGRESSIVE ENGINEERING CORP (Continued)

1000356561

County Not reported
 Gepaid: CAD981463649
 TSD EPA ID: CAT080025711
 Gen County: Orange
 Tsd County: San Bernardino
 Tons: .8340
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: AGGRESSIVE ENGINEERING CORP
 Telephone: (714) 995-8313
 Mailing Address: 1235 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1310

County Orange
 Gepaid: CAD981463649
 TSD EPA ID: CAD008364432
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 1.9761
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
 Disposal Method: Recycler
 Contact: AGGRESSIVE ENGINEERING CORP
 Telephone: (714) 995-8313
 Mailing Address: 1235 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1310

County Orange
 Gepaid: CAD981463649
 TSD EPA ID: CAD008364432
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 3.5022
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Contact: AGGRESSIVE ENGINEERING CORP
 Telephone: (714) 995-8313
 Mailing Address: 1235 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1310

County Orange

[Click this hyperlink](#) while viewing on your computer to access 31 additional CA HAZNET record(s) in the EDR Site Report.

FID:

Facility ID:	30017712	Regulate ID:	Not reported
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(714) 995-8313
Mail To:	Not reported		
	1235 N KNOLLWOOD CL		
	ANAHEIM, CA 92801		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

WDS:

Facility ID: Santa Ana River 30I000676

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

AGGRESSIVE ENGINEERING CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000356561

Facility Contact	Not reported	Facility Telephone	Not reported
SIC Code:	0	SIC Code 2:	Not reported
Agency Name:	AGGRESSIVE ENGINEERING CORP.		
Agency Address:	1235 N KNOLLWOOD CIR ANAHEIM 92801 - 1310		
Agency Contact:	JEFF BRIDGES	Agency Phone:	(714) 995-8313
Design Flow:	0.00000 Million Gal/Day	Baseline Flow:	0.00000 Million Gal/Day
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)		
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.		
Agency Type:	Private		
Waste Type:	Not reported		
Threat 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.		
Reclamation:	Not reported		
POTW:	Not reported		
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board		
Subregion:	8		
UST HIST:			
Facility ID:	66210	Owner Name:	AGGRESSIVE ENGINEERING CORP.
Total Tanks:	1	Region:	STATE
Owner Address:	1235 N. KNOLLWOOD CIRCLE ANAHEIM, CA 92801		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	S/NH639076
Tank Capacity:	00004000	Year Installed:	1979
Type of Fuel:	2	Tank Construction:	/16 1 inches
Leak Detection:	Stock Inventor		
Contact Name:	Not reported		
Facility Type:	Other	Telephone:	(714) 995-8313
		Other Type:	STEEL STAMPING MFG.
SWEEPS:			
Status :	A		
Comp Number :	891		
Number :	9		
Board Of Equalization :	Not reported		
Ref Date :	02-11-92		
Act Date :	02-11-92		
Created Date :	12-31-88		
Tank Status :	A		
Owner Tank Id :	758		
Swrcb Tank Id :	30-011-000891-000001		
Actv Date :	Not reported		
Capacity :	Not reported		
Tank Use :	UNKNOWN		
Stg :	P		
Content :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AGGRESSIVE ENGINEERING CORP (Continued)

1000356561

Number Of Tanks : 2

Status : A
Comp Number : 891
Number : 9
Board Of Equalization : Not reported
Ref Date : 02-11-92
Act Date : 02-11-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 758
Swrcb Tank Id : 30-011-000891-000006
Actv Date : Not reported
Capacity : 4000
Tank Use : M.V. FUEL
Stg : W
Content : REG UNLEADED
Number Of Tanks : Not reported

EMISSIONS :

Year : 1987
Facility ID : 13778
Air District Code : SC
SIC Code : 3444
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
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 and Smaller Tons/Yr : 0

Year : 1990
Facility ID : 13778
Air District Code : SC
SIC Code : 3599
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
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 and Smaller Tons/Yr : 0

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FHP HEALTH PLAN (Continued)

S102429875

Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:FHP HEALTH PLAN
RP Address: 1236 NORTH MAGNOLIA AVENUE, ANAHEIM, CA 92801
Global Id: T0605901178
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 8:

Region: 8 Cross Street: Not reported
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: CAB
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: City of Anaheim, Utilities Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 5/25/1990 Confirm Leak: 5/25/1990
Workplan: 6/7/1990 Prelim Assess: 6/7/1990
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 4/2/1992
Discover Date : 4/24/1990
Enforcement Dt : 1/1/1965
Enf Type: CLOS
Enter Date : 6/5/1990
Funding: Not reported
Staff Initials: ROW
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.8514857 / -117.9760418
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901178
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

FHP HEALTH PLAN (Continued)

EDR ID Number
 EPA ID Number

Database(s)

S102429875

MTBE Class: *
 Case Type: S
 How Stopped Date: Not reported
 MTBE Concentration: 0
 MTBE Fuel: 1
 Case Number: 083001543T
 Substance: 8006619
 Staff: CAB
 Summary : Not reported

CORTESE:
 Region: CORTESE
 Fac Address 2: 1236 MAGNOLIA AVE

**E14
 SSE
 1/8-1/4
 895 ft.**

**F H P ANAHEIM COMMERCIAL CENTER
 1236 N MAGNOLIA AVE
 ANAHEIM, CA 92801**

**RCRA-SQG 1000598028
 FINDS CAD983620691**

Site 3 of 3 in cluster E

**Relative:
 Equal**

RCRAInfo:
 Owner: F H P INC
 (714) 378-7837
 EPA ID: CAD983620691
 Contact: PATRICIA BLANK
 (714) 378-7837
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 97 ft.**

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

**D15
 SW
 1/8-1/4
 950 ft.**

**CENTURY LAMINATORS INCORPORATED
 1225 N KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**FINDS 1000422690
 HAZNET CAD982507360
 RCRA-LQG
 CA FID UST
 HIST UST
 EMI
 SWEEPS UST**

Site 2 of 3 in cluster D

**Relative:
 Lower**

RCRAInfo:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD982507360
 Contact: Not reported
 Classification: Large Quantity Generator
 TSDF Activities: Not reported

**Actual:
 94 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CENTURY LAMINATORS INCORPORATED (Continued)

EDR ID Number
EPA ID Number

1000422690

Violation Status: Violations exist

Regulation Violated: 262.10-12.A
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/27/1993
Actual Date Achieved Compliance: 10/27/1994

There are 1 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19941027

FINDS:

Other Pertinent Environmental Activity Identified at Site:
NATIONAL EMISSIONS INVENTORY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM
TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

HAZNET:

Gepaid: CAD982507360
TSD EPA ID: CAD099452708
Gen County: Orange
Tsd County: Los Angeles
Tons: 7.8396
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Contact: CENTURY LAMINATORS INC
Telephone: (714) 828-2071
Mailing Address: 1182 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1307
County Orange

Gepaid: CAD982507360
TSD EPA ID: CAD099452709
Gen County: Orange
Tsd County: 0
Tons: 6.6720
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Contact: CENTURY LAMINATORS INC
Telephone: (714) 828-2071
Mailing Address: 1182 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1307
County Orange

Gepaid: CAD982507360
TSD EPA ID: CAD000088252
Gen County: Orange
Tsd County: Los Angeles
Tons: 1.3761
Waste Category: Polymeric resin waste
Disposal Method: Transfer Station
Contact: CENTURY LAMINATORS INC
Telephone: (714) 828-2071
Mailing Address: 1182 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1307
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CENTURY LAMINATORS INCORPORATED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000422690

Gepaid: CAD982507360
TSD EPA ID: CAD000088252
Gen County: Orange
Tsd County: Los Angeles
Tons: .1000
Waste Category: Other organic solids
Disposal Method: Transfer Station
Contact: CENTURY LAMINATORS INC
Telephone: (714) 828-2071
Mailing Address: 1182 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1307
County Orange
Gepaid: CAD982507360
TSD EPA ID: CAD089446710
Gen County: Orange
Tsd County: Los Angeles
Tons: 8.2564
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Recycler
Contact: CENTURY LAMINATORS INC
Telephone: (714) 828-2071
Mailing Address: 1182 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1307
County Orange

[Click this hyperlink](#) while viewing on your computer to access 18 additional CA HAZNET record(s) in the EDR Site Report.

FID:

Facility ID: 30009886 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (714) 828-2071
Mail To: Not reported
1225 KNOLLWOOD CIR
ANAHEIM, CA 92801
Contact: Not reported Contact Tel: Not reported
DUNS No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

UST HIST:

Facility ID: 16008 Owner Name: CENTURY LAMINATORS, INC.
Total Tanks: 2 Region: STATE
Owner Address: 1225 KNOLLWOOD CIRCLE
ANAHEIM, CA 92801
Tank Used for: PRODUCT
Tank Num: 1 Container Num: 2
Tank Capacity: 00004000 Year Installed: 1980
Type of Fuel: Not reported Tank Construction: Not Reported
Leak Detection: Stock Inventor
Contact Name: SHELLY DAVIS Telephone: (714) 828-2071
Facility Type: Other Other Type: LAMINATION
Facility ID: 16008 Owner Name: CENTURY LAMINATORS, INC.
Total Tanks: 2 Region: STATE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CENTURY LAMINATORS INCORPORATED (Continued)

1000422690

Owner Address: 1225 KNOLLWOOD CIRCLE
ANAHEIM, CA 92801

Tank Used for: PRODUCT

Tank Num: 2

Tank Capacity: 00005000

Type of Fuel: Not reported

Leak Detection: Stock Inventor

Contact Name: SHELLY DAVIS

Facility Type: Other

Container Num: 1

Year Installed: 1980

Tank Construction: Not Reported

Telephone: (714) 828-2071

Other Type: LAMINATION

SWEEPS:

Status : A
Comp Number : 581
Number : 1
Board Of Equalization : 44-034067
Ref Date : 07-08-92
Act Date : 07-10-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 30-011-000581-000001
Actv Date : 11-11-92
Capacity : 2500
Tank Use : CHEMICAL
Stg : P
Content : ACETONE
Number Of Tanks : 3

Status : A
Comp Number : 581
Number : 1
Board Of Equalization : 44-034067
Ref Date : 07-08-92
Act Date : 07-10-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 30-011-000581-000005
Actv Date : 11-11-92
Capacity : 5000
Tank Use : CHEMICAL
Stg : P
Content : RESIN
Number Of Tanks : Not reported

Status : A
Comp Number : 581
Number : 1
Board Of Equalization : 44-034067
Ref Date : 07-08-92
Act Date : 07-10-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : Not reported
Swrcb Tank Id : 30-011-000581-000006
Actv Date : 11-11-92
Capacity : 2500
Tank Use : CHEMICAL

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CENTURY LAMINATORS INCORPORATED (Continued)

1000422690

Stg : P
 Content : DIEMETHYL-FO
 Number Of Tanks : Not reported

Status : Not reported
 Comp Number : 581
 Number : Not reported
 Board Of Equalization : 44-034067
 Ref Date : Not reported
 Act Date : Not reported
 Created Date : Not reported
 Tank Status : Not reported
 Owner Tank Id : Not reported
 Swrcb Tank Id : 30-011-000581-000003
 Actv Date : Not reported
 Capacity : 5000
 Tank Use : CHEMICAL
 Stg : PRODUCT
 Content : RESIN
 Number Of Tanks : 2

Status : Not reported
 Comp Number : 581
 Number : Not reported
 Board Of Equalization : 44-034067
 Ref Date : Not reported
 Act Date : Not reported
 Created Date : Not reported
 Tank Status : Not reported
 Owner Tank Id : Not reported
 Swrcb Tank Id : 30-011-000581-000004
 Actv Date : Not reported
 Capacity : 4000
 Tank Use : CHEMICAL
 Stg : PRODUCT
 Content : N N-DIMETHYL
 Number Of Tanks : Not reported

EMISSIONS :

Year : 1987
 Facility ID : 40764
 Air District Code : SC
 SIC Code : 3079
 Air Basin : SC
 Air District Name : SOUTH COAST AQMD
 Community Health Air Pollution Info System : Not reported
 Consolidated Emission Reporting Rule : Not reported
 County Code : 30
 County ID : 30
 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: 11
 SOX - Oxides of Sulphur Tons/Yr: 0
 Particulate Matter Tons/Yr : 1
 Part. Matter 10 Micrometers and Smaller Tons/Yr : 1

Year : 1990

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CENTURY LAMINATORS INCORPORATED (Continued)

1000422690

Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 18
Reactive Organic Gases Tons/Yr: 8
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 4
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1993
Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 11
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1995
Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 11
Reactive Organic Gases Tons/Yr: 5
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 40764
Air District Code : SC
SIC Code : 3083

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CENTURY LAMINATORS INCORPORATED (Continued)

1000422690

Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997
Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 30
County ID : 30
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 3
Carbon Monoxide Emissions Tons/Yr: 1
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 40764
Air District Code : SC
SIC Code : 3083
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CENTURY LAMINATORS INCORPORATED (Continued)

1000422690

Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0
Year :	2000
Facility ID :	40764
Air District Code :	SC
SIC Code :	3083
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0
Year :	2001
Facility ID :	40764
Air District Code :	SC
SIC Code :	3083
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	30
County ID :	30
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr :	0
Part. Matter 10 Micrometers and Smaller Tons/Yr :	0

D16
SW
1/8-1/4
958 ft.

CENTURY LAMINATORS, INC.
1225 N KNOLLWOOD CIR
ANAHEIM, CA 92801

UST U003713645
N/A

Site 3 of 3 in cluster D

Relative:
Lower

State UST:
 Facility ID: 4371
 Total Tanks: 1
 Region: STATE
 Local Agency: 30011

Actual:
94 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

F17
SSE
1/8-1/4
998 ft.

S AND S METALS INC
2607 W WOODLAND DR
ANAHEIM, CA 92801

RCRA-SQG
FINDS
HAZNET

1000818588
CAD983644709

Site 1 of 3 in cluster F

Relative:
Higher

RCRAInfo:

Owner: S AND S METALS INC
 (714) 236-9151

Actual:
98 ft.

EPA ID: CAD983644709

Contact: MARC SANDERS
 (714) 236-9151

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD983644709
 TSD EPA ID: CAD000088252
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 3.8000
 Waste Category: Other inorganic solid waste
 Disposal Method: Transfer Station
 Contact: S AND S METALS INC
 Telephone: (714) 236-9151
 Mailing Address: 2607 W WOODLAND DR
 ANAHEIM, CA 92801
 County: Orange

Gepaid: CAD983644709
 TSD EPA ID: NVT330010000
 Gen County: Orange
 Tsd County: 99
 Tons: 3.0000
 Waste Category: Unspecified sludge waste
 Disposal Method: Not reported
 Contact: S AND S METALS INC
 Telephone: (714) 236-9151
 Mailing Address: 2607 W WOODLAND DR
 ANAHEIM, CA 92801
 County: Orange

Gepaid: CAD983644709
 TSD EPA ID: NVT330010000
 Gen County: Orange
 Tsd County: 99
 Tons: 2.6000
 Waste Category: Other inorganic solid waste
 Disposal Method: Not reported
 Contact: S AND S METALS INC
 Telephone: (714) 236-9151
 Mailing Address: 2607 W WOODLAND DR
 ANAHEIM, CA 92801
 County: Orange

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

**G18
 NW
 1/8-1/4
 1035 ft.**

**INTERCOM CORP
 1380 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**HAZNET S103970035
 SLIC N/A
 CA WDS**

Site 1 of 3 in cluster G

**Relative:
 Lower**

HAZNET:

**Actual:
 93 ft.**

Gepaid: CAD981632912
 TSD EPA ID: CAT080013352
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 15.8460
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: INTERCOM CORP
 Telephone: (714) 821-0700
 Mailing Address: 1380 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1311
 County: Orange

Gepaid: CAD981632912
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 5.53
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Recycler
 Contact: ED SWANSON PRODUCTION MGR MAJD
 Telephone: (714) 821-0700
 Mailing Address: 1380 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1311
 County: Not reported

Gepaid: CAD981632912
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 10.84
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: ED SWANSON PRODUCTION MGR MAJD
 Telephone: (714) 821-0700
 Mailing Address: 1380 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1311
 County: Not reported

Gepaid: CAD981632912
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 1.66
 Waste Category: Unspecified organic liquid mixture
 Disposal Method: Recycler
 Contact: ED SWANSON PRODUCTION MGR MAJD
 Telephone: (714) 821-0700
 Mailing Address: 1380 N KNOLLWOOD CIR
 ANAHEIM, CA 92801 - 1311
 County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

INTERCOM CORP (Continued)

EDR ID Number
EPA ID Number

Database(s)

S103970035

Gepaid: CAD981632912
TSD EPA ID: Not reported
Gen County: Orange
Tsd County: 99
Tons: 12.64
Waste Category: Other inorganic solid waste
Disposal Method: Not reported
Contact: ED SWANSON PRODUCTION MGR MAJD
Telephone: (714) 821-0700
Mailing Address: 1380 N KNOLLWOOD CIR
ANAHEIM, CA 92801 - 1311
County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 13 additional CA HAZNET record(s) in the EDR Site Report.

CA STATE SLIC :

Global Id : SL0605992203
Region : STATE
Assigned Name : SLICSITE
Lead Agency Contact : Not reported
Lead Agency : Not reported
Lead Agency Case Number : Not reported
Responsible Party : Not reported
Recent Dtw : Not reported
Facility Status : Not reported
Substance Released : 34475, 34501, 39180

WDS:

Facility ID: Santa Ana River 30I017818
Facility Contact: Not reported
SIC Code: 0
Agency Name: PRIVATE LABEL LABORATORIES
Agency Address: 1380 KNOLLWOOD CIRCLE
ANAHEIM 92801
Agency Contact: STEWART HOLYK
Design Flow: 0.00000 Million Gal/Day
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.
Agency Type: Private
Waste Type: Not reported
Threat 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.
Reclamation: Not reported
POTW: Not reported
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

INTERCOM CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Subregion: Regional Board
 8

S103970035

**G19
 NW
 1/8-1/4
 1035 ft.**

**INTERCEM
 1380 NORTH KNOLLWOOD
 ANAHEIM, CA 92801**

**REF S101481430
 N/A**

Site 2 of 3 in cluster G

**Relative:
 Lower**

REF:
 Facility ID 30280528
 Dtsc Region Code : 4
 Region Code Definition : CYPRESS
 County Code : 30
 Site Name Under : Not reported
 Current Status Date : 03011988
 Current Status Code : REFOA
 Current Status : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
 Lead Agency Code : Not reported
 Lead Agency : N/A
 Site Type Code : Not reported
 Site Type : N/A
 National Priorities List : Not reported
 Tier : Not reported
 Source Of Funding Code : Not reported
 Staff Member : Not reported
 Supervisor : Not reported
 Sic Code : 28
 Sic Code Definition : MANU - CHEMICALS & ALLIED PRODUCTS
 Site Mitigatn & Brnfls Reuse Prog (SMBR) Code : SB
 SMBR Branch : SO CAL - CYPRESS
 Regional Water Quality Control Board : SA
 RWQCB Definition : SANTA ANA
 Site Access Controlled : C
 Listed In Haz Wst & Substncs Sites List (CORTESE) Not reported
 Date Hazard Ranked : Not reported
 GW Contamination Suspected : Not reported
 # Of Sources Contributing To Contamination : 0
 Lat/Long : 0° 0' 0" / 0° 0' 0"
 Direction Lat : Not reported
 Direction Long : Not reported
 Lat/long Method : Not reported
 Entity Lat/long Coordinates Refer To : Not reported
 State Assembly Distt Code : 67
 State Senate Distt Code : 34
 Identifying Code: Not reported
 ID Value: Not reported
 Other ID Desc: Not reported
 Alternate Name(s): INTERCEM
 Address(es) : 1380 NORTH KNOLLWOOD
 ANAHEIM, CA 92801
 Background Info : Not reported
 Facility Id : 30280528
 AWP Activities Code : 1
 DTSC Site Activity Code : DISC
 Activity Code Def: DISCOVERY
 AWP Activity Id : Not reported
 Dt Activity Due For Completion : Not reported
 Revised Due Date : Not reported

**Actual:
 93 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INTERCEM (Continued)

S101481430

Date Activity Completed : 11241982
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 30280528
AWP Activities Code : 2
DTSC Site Activity Code : SS
Activity Code Def: SITE SCREENING
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 05281987
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Facility Id : 30280528
AWP Activities Code : 4
DTSC Site Activity Code : SS
Activity Code Def: SITE SCREENING
AWP Activity Id : Not reported
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 10251994
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : REFOA
Status Code Definition : PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : Not reported
Special Program Code: CERC2
Special Program : CERCLA II
Comments Date : 01261988
Comments : ANAHEIM FIRE DEPT, PERMIT FOR FLAMMABLES
PRELIM ASSESS DONE NO EVIDENCE OF ON-SITE CONTAMINATION
ALL WASTE DISCHARGE TO SEWER, ONLY
CLARIFIER SLUDGE IS HAULED AWAY 1-2 YRS.
DHS RECOMMENDATION: NO FURTHER ACTION
SUBMIT TO EPA NO FURTHER ACTION UNDER CERCLA 2
SITE SCREENING DONE MORE INFO NEEDED
SUBMIT TO EPA NO FURTHER ACTION UNDER CERCLA2
DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
FACILITY DRIVE-BY 200-300 DRUMS WERE OBSERVED BEING STORED
ON PAVED LOT, DRUMS WERE IN GOOD COND-
ITION AND BERM WAS IN PLACE TO PREVENT

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

INTERCEM (Continued)

EDR ID Number
 EPA ID Number

S101481430

ANY SPILLED MATERIAL FROM LEAVING THE SITE.
 FACILITY IDENTIFIED DURING DRIVEBY.
 FACILITY DRIVE-BY LARGE NUMBER OF 55 GAL. DRUM STORAGE.
 200-300 55GAL DRUMS IN PARKING LOT
 300-400 55GAL DRUMS WITHIN FENCED AREA
 DRUMS ON PALLETS FOR MOST PART
 QUEST LEGALITY OF DRUM STORAGE
 FINAL STRATEGY SITE REFERRED: TO LA HWMB ENF
 ORANGE COUNTY ENVIRONMENTAL HEALTH,
 INSPECTION REPORTS ON FILE.
 ORANGE COUNTY SANITATION, CLASS 1 PERMIT
 2-405

**G20
 NW
 1/8-1/4
 1035 ft.**

**INTERCEM CORP
 1380 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**RCRA-SQG 1000214492
 FINDS CAD981632912
 CERC-NFRAP
 SSTS**

Site 3 of 3 in cluster G

**Relative:
 Lower**

CERCLIS-NFRAP Classification Data:
 Federal Facility: Not a Federal Facility
 Non NPL Code: NFRAP
 NPL Status: Not on the NPL

**Actual:
 93 ft.**

CERCLIS-NFRAP Assessment History:
 Assessment: DISCOVERY Completed: 12/01/1987
 Assessment: ARCHIVE SITE Completed: 04/20/1989
 Assessment: PRELIMINARY ASSESSMENT Completed: 04/20/1989

CERCLIS-NFRAP Alias Name(s):
 PREVIOUS CERCLIS ID CAD980819890

RCRAInfo:
 Owner: KENNETH & DAWN MATNEY
 (415) 555-1212
 EPA ID: CAD981632912
 Contact: ENVIRONMENTAL MANAGER
 (714) 821-0700

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 NATIONAL COMPLIANCE DATABASE SYSTEM
 NATIONAL EMISSIONS INVENTORY
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM
 TOXIC CHEMICAL RELEASE INVENTORY SYSTEM

SSTS:

Product: POWER-CIDE PLUS
 Status: Active
 Registration #: 039502CA 001
 Report Year: 1997
 Permit: Registered
 Product #: 04737100131039502
 Product Type: End-use blend, formulation, or concentrate
 Product Class: 20
 Product Use: 9

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

INTERCEM CORP (Continued)

1000214492

Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: PROTECT WT 20
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200011
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: PROTECT II WT
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200007
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: PROTECT WT 6
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200010
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: SENTRY
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200168
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

INTERCEM CORP (Continued)

1000214492

Product: MINTICIDE
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200175
Product Type: End-use blend, formulation, or concentrate
Product Class: Disinfectant, germicide, sanitizer
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: PINE QUAT
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200176
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: LEMON ODOR DISINFECTANT
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200202
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Product: SANO RISE DISINFECTANT
Status: Active
Registration #: 039502CA 001
Report Year: 1990
Permit: Registered
Product #: 03950200223
Product Type: End-use blend, formulation, or concentrate
Product Class: Algicide
Product Use: All other products
Market: Marketed in the United States
Country: Not reported
Region: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

INTERCEM CORP (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000214492

Product: POWER-CIDE-PLUS
 Status: Active
 Registration #: 039502CA 001
 Report Year: 1996
 Permit: Registered
 Product #: 04737100131039502
 Product Type: End-use blend, formulation, or concentrate
 Product Class: 20
 Product Use: 9
 Market: Marketed in the United States
 Country: Not reported
 Region: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional SSTS record(s) in the EDR Site Report.

**H21
 SW
 1/8-1/4
 1113 ft.**

**L & S MACHINE ENTERPRISES
 1190 KNOLLWOOD CIRCLE
 ANAHEIM, CA 92801**

**RCRA-SQG 1000130752
 FINDS CAD057774358
 HAZNET**

Site 1 of 2 in cluster H

**Relative:
 Lower**

RCRAInfo:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: CAD057774358
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

**Actual:
 95 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD057774358
 TSD EPA ID: CAT080022148
 Gen County: Orange
 Tsd County: San Bernardino
 Tons: .2000
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Transfer Station
 Contact: KEITH LONGEROT
 Telephone: (000) 000-0000
 Mailing Address: 1190 N KNOLLWOOD CIR
 ANAHEIM, CA 92801
 County: Orange

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

L & S MACHINE ENTERPRISES (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000130752

Gepaid: CAD057774358
 TSD EPA ID: CAD099452708
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .3753
 Waste Category: Waste oil and mixed oil
 Disposal Method: Recycler
 Contact: KEITH LONGEROT
 Telephone: (000) 000-0000
 Mailing Address: 1190 N KNOLLWOOD CIR
 ANAHEIM, CA 92801
 County: Orange

**F22
 SSE
 1/8-1/4
 1135 ft.**

**FIRESTONE TIRES
 1200 MAGNOLIA
 ANAHEIM, CA 92801**

**LUST S105695895
 N/A**

Site 2 of 3 in cluster F

**Relative:
 Higher**

**Actual:
 99 ft.**

State LUST:
 Cross Street: Not reported
 Qty Leaked: 0
 Case Number: Not reported
 Reg Board: Santa Ana Region
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency : 30000L
 Case Type: Undefined
 Status: Case Closed
 Review Date: Not reported
 Workplan: Not reported
 Pollution Char: Not reported
 Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1987-08-01 00:00:00
 Release Date: 1965-01-01 00:00:00
 Cleanup Fund Id : Not reported
 Discover Date : 1965-01-01 00:00:00
 Enforcement Dt : Not reported
 Enf Type: Not reported
 Enter Date : Not reported
 Funding: Not reported
 Staff Initials: WJ
 How Discovered: Tank Closure
 How Stopped: Close Tank
 Interim : Not reported
 Leak Cause: Unknown
 Leak Source: Unknown
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Not Required to be Tested.
 Priority: Not reported
 Local Case # : 86UT233
 Beneficial: MUN
 Staff : Not reported
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported

Confirm Leak: Not reported
 Prelim Assess: Not reported
 Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

FIRESTONE TIRES (Continued)

S105695895

Hydr Basin #: Not reported
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : 9999-09-09 00:00:00
 Work Suspended :Not reported
 Responsible Party: UNK UNK
 RP Address: 1200 S MAGNOLIA AVE
 Global Id: T0605928404
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 0
 Mtbe Fuel: 0
 Water System Name: Not reported
 Well Name: Not reported
 Distance To Lust: 0
 Waste Discharge Global ID: Not reported
 Waste Disch Assigned Name: Not reported
 Summary : Not reported

LUST Region 8:

Region: 8	Cross Street: Not reported
Regional Board: 08	
Local Case Num: 86UT233	
Facility Status: Case Closed	
Staff: Not reported	
Facility Contact: Not reported	
Lead Agency: Local Agency	
Local Agency: 30000L	
Qty Leaked: 0	
County: Orange	
Cleanup Fund Id : Not reported	
Review Date: Not reported	Confirm Leak: Not reported
Workplan: Not reported	Prelim Assess: Not reported
Pollution Char: Not reported	Remed Plan: Not reported
Remed Action: Not reported	Monitoring: Not reported
Close Date: 8/1/1987	
Discover Date : 1/1/1965	
Enforcement Dt : Not reported	
Enf Type: Not reported	
Enter Date : Not reported	
Funding: Not reported	
Staff Initials: WJ	
How Discovered: Tank Closure	
How Stopped: Close Tank	
Interim : Not reported	
Lat/Lon : Not reported	
Leak Cause: Unknown	
Leak Source: Unknown	
Beneficial: MUN	
MTBE Date : Not reported	
MTBE Tested : NRQ	
Max MTBE GW : Not reported	
GW Qualifies : Not reported	
Max MTBE Soil : Not reported	
Soil Qualifies : Not reported	
Hydr Basin #: Not reported	
Oversight Prgm : LUST	

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIRESTONE TIRES (Continued)

S105695895

Global ID: T0605928404
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: *
Case Type: U
How Stopped Date: 9/9/9999
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: Not reported
Substance: 12035
Staff: Not reported
Summary : Not reported

**F23
SSE
1/8-1/4
1135 ft.**

**F H P ANAHEIM SENIOR CENTER
1200 N MAGNOLIA AVE
ANAHEIM, CA 92801**

**RCRA-SQG 1000598029
FINDS CAD983620709**

Site 3 of 3 in cluster F

**Relative:
Higher**

RCRAInfo:
Owner: F H P INC
(714) 378-7837
EPA ID: CAD983620709
Contact: PATRICIA BLANK
(714) 378-7837
Classification: Small Quantity Generator
TSDf Activities: Not reported
Violation Status: No violations found

**Actual:
99 ft.**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

**H24
SSW
1/8-1/4
1150 ft.**

**CENTURY LAMINATORS
1182 KNOLLWOOD CIRCLE
ANAHEIM, CA 92801**

**RCRA-LQG 1007198986
CAD083149617**

Site 2 of 2 in cluster H

**Relative:
Lower**

RCRAInfo:
Contact: FRED G OHANIAN
(714) 828-2071
Classification: Large Quantity Generator
TSDf Activities: Not reported
Violation Status: No violations found

**Actual:
95 ft.**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I25
SSW
1/8-1/4
1206 ft.

ELLSWORTH TRUCK
1167 KNOLLWOOD
ANAHEIM, CA 92801

RCRA-SQG
FINDS
HAZNET

1000595829
CAD983597840

Site 1 of 3 in cluster I

Relative:
Lower

RCRAInfo:

Owner: KNOLLWOOD PARTNERSHIP
 (415) 555-1212

EPA ID: CAD983597840

Contact: AL ELLSWORTH
 (714) 761-2500

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

Actual:
96 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 HAZARDOUS WASTE TRACKING SYSTEM-DATAMART
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

HAZNET:

Gepaid: CAD983597840
 TSD EPA ID: Not reported
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 0.77
 Waste Category: Aqueous solution with less than 10% total organic residues
 Disposal Method: Transfer Station
 Contact: INACT PER 96 VQ AD
 Telephone: --
 Mailing Address: 1167 KNOLLWOOD
 ANAHEIM, CA 92801
 County: Not reported

Gepaid: CAL000003321
 TSD EPA ID: CAT080011059
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: 13.4691
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Contact: ELLSWORTH ALLEN H
 Telephone: (000) 000-0000
 Mailing Address: 1167 N KNOLLWOOD CIR
 ANAHEIM, CA 92801
 County: Orange

Gepaid: CAL000003321
 TSD EPA ID: CAT080011059
 Gen County: Orange
 Tsd County: Los Angeles
 Tons: .9174
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Not reported
 Contact: ELLSWORTH ALLEN H
 Telephone: (000) 000-0000
 Mailing Address: 1167 N KNOLLWOOD CIR
 ANAHEIM, CA 92801

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ELLSWORTH TRUCK (Continued)

1000595829

County Orange
Gepaid: CAD983597840
TSD EPA ID: CAT000613893
Gen County: Orange
Tsd County: Los Angeles
Tons: .1333
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: KNOLLWOOD PARTNERSHIP
Telephone: (000) 000-0000
Mailing Address: 1167 KNOLLWOOD
ANAHEIM, CA 92801
County Orange
Gepaid: CAD983597840
TSD EPA ID: CAT000613893
Gen County: Orange
Tsd County: Los Angeles
Tons: 1.1214
Waste Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Contact: KNOLLWOOD PARTNERSHIP
Telephone: (000) 000-0000
Mailing Address: 1167 KNOLLWOOD
ANAHEIM, CA 92801
County Orange

[Click this hyperlink](#) while viewing on your computer to access 3 additional CA HAZNET record(s) in the EDR Site Report.

**I26
SSW
1/8-1/4
1220 ft.**

**OPTIMA ASSETT MANAGEMENT
1161 KNOLLWOOD CIR
ANAHEIM, CA 92801**

**RCRA-SQG 1000256479
FINDS CAD982019705**

**Relative:
Lower**

Site 2 of 3 in cluster I

**Actual:
96 ft.**

RCRAInfo:
Owner: OPTIMA ASSET MGMT
(714) 261-3660
EPA ID: CAD982019705
Contact: TAYLOR GRANT
(714) 261-3660
Classification: Small Quantity Generator
TSD Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

I27
SSW
1/8-1/4
1248 ft.

PORTABLE X RAY LABS INC
1151 KNOLLWOOD CR
ANAHEIM, CA 92801

RCRA-SQG
FINDS
HAZNET
LUST
Cortese
SWEEPS UST

1000597941
CAD983619768

Site 3 of 3 in cluster I

Relative:
Equal

RCRAInfo:

Actual:
97 ft.

Owner: JIM LONG
 (714) 838-6446
 EPA ID: CAD983619768
 Contact: DENNIS LONG
 (714) 761-0701
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

State LUST:

Cross Street:	Not reported	Confirm Leak:	1993-07-01 00:00:00
Qty Leaked:	Not reported	Prelim Assess:	1995-04-14 00:00:00
Case Number	083002306T	Remed Plan:	Not reported
Reg Board:	Santa Ana Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	30011		
Case Type:	Soil only		
Status:	Case Closed		
Review Date:	1993-07-01 00:00:00		
Workplan:	1995-04-14 00:00:00		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Monitoring:	Not reported		
Close Date:	1996-05-21 00:00:00		
Release Date:	1993-08-03 00:00:00		
Cleanup Fund Id :	Not reported		
Discover Date :	1993-07-01 00:00:00		
Enforcement Dt :	Not reported		
Enf Type:	CLOS		
Enter Date :	1993-09-20 00:00:00		
Funding:	Not reported		
Staff Initials:	SW		
How Discovered:	Not reported		
How Stopped:	Not reported		
Interim :	Not reported		
Leak Cause:	Not reported		
Leak Source:	Not reported		
MTBE Date :	Not reported		
Max MTBE GW :	Not reported		
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected		
Priority:	Not reported		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	VJJ		
GW Qualifier :	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORTABLE X RAY LABS INC (Continued)

1000597941

Max MTBE Soil : NA Parts per Million
Soil Qualifier : =
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended :Not reported
Responsible Party:BARBARA LONG
RP Address: 11812 HIGHVIEW DRIVE, SANTA ANA, CA 92705
Global Id: T0605901680
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 8:

Region: 8 Cross Street: Not reported
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: VJJ
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: City of Anaheim, Utilities Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 7/1/1993 Confirm Leak: 7/1/1993
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 5/21/1996
Discover Date : 7/1/1993
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 9/20/1993
Funding: Not reported
Staff Initials: SW
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.8481578 / -117.9783989
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORTABLE X RAY LABS INC (Continued)

1000597941

Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901680
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: *
Case Type: S
How Stopped Date: Not reported
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083002306T
Substance: 8006619
Staff: VJJ
Summary : Not reported

HAZNET:

Gepaid: CAD983619768
TSD EPA ID: CAD003963592
Gen County: Orange
Tsd County: Santa Clara
Tons: .1167
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: BARBARA LONG
Telephone: (714) 838-6446
Mailing Address: 11812 HIGHVIEW
SANTA ANA, CA 92705
County Orange

Gepaid: CAD983619768
TSD EPA ID: CAD070148432
Gen County: Orange
Tsd County: 1
Tons: .0625
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Treatment, Incineration
Contact: BARBARA LONG
Telephone: (714) 838-6446
Mailing Address: 11812 HIGHVIEW
SANTA ANA, CA 92705
County Orange

Gepaid: CAD983619768
TSD EPA ID: CAD981402522
Gen County: Orange
Tsd County: Kern
Tons: .0040
Waste Category:
Disposal Method: Recycler
Contact: BARBARA LONG
Telephone: (714) 838-6446
Mailing Address: 11812 HIGHVIEW
SANTA ANA, CA 92705
County Orange

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PORTABLE X RAY LABS INC (Continued)

1000597941

Gepaid: CAD983619768
TSD EPA ID: CAD003963592
Gen County: Orange
Tsd County: Santa Clara
Tons: .0625
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Contact: BARBARA LONG
Telephone: (714) 838-6446
Mailing Address: 11812 HIGHVIEW
SANTA ANA, CA 92705
County Orange

Gepaid: CAD983619768
TSD EPA ID: CAT080013352
Gen County: Orange
Tsd County: Los Angeles
Tons: .5004
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Contact: BARBARA LONG
Telephone: (714) 838-6446
Mailing Address: 11812 HIGHVIEW
SANTA ANA, CA 92705
County Orange

CORTESE:

Region: CORTESE
Fac Address 2: Not reported

SWEEPS:

Status : Not reported
Comp Number : 50
Number : Not reported
Board Of Equalization : 44-034686
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 30-011-000050-000001
Actv Date : Not reported
Capacity : 6000
Tank Use : M.V. FUEL
Stg : PRODUCT
Content : PRM UNLEADED
Number Of Tanks : 2

Status : Not reported
Comp Number : 50
Number : Not reported
Board Of Equalization : 44-034686
Ref Date : Not reported
Act Date : Not reported
Created Date : Not reported
Tank Status : Not reported
Owner Tank Id : Not reported
Swrcb Tank Id : 30-011-000050-000002

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PORTABLE X RAY LABS INC (Continued)

EDR ID Number
 EPA ID Number

1000597941

Actv Date : Not reported
 Capacity : 2000
 Tank Use : M.V. FUEL
 Stg : PRODUCT
 Content : REG UNLEADED
 Number Of Tanks : Not reported

28
SSE
1/4-1/2
1900 ft.

ARCO / FAST FUEL SS #88
2604
ANAHEIM, CA 92801

LUST
Cortese
CA FID UST
SWEEPS UST

S101589613
N/A

Relative:
Higher

State LUST:

Actual:
102 ft.

Cross Street: MAGNOLIA
 Qty Leaked: Not reported
 Case Number: 083002484T
 Reg Board: Santa Ana Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 30011
 Case Type: Drinking Water Aquifer affected
 Status: Remedial action (cleanup) Underway
 Review Date: 1994-03-16 00:00:00
 Workplan: 1997-02-03 00:00:00
 Pollution Char: Not reported
 Remed Action: 2003-08-04 00:00:00
 Monitoring: Not reported
 Close Date: Not reported
 Release Date: 1994-04-04 00:00:00
 Cleanup Fund Id : Not reported
 Discover Date : 1994-03-16 00:00:00
 Enforcement Dt : Not reported
 Enf Type: SI
 Enter Date : 1994-08-29 00:00:00
 Funding: Not reported
 Staff Initials: SW
 How Discovered: Not reported
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: UNK
 Leak Source: UNK
 MTBE Date : 1998-03-26 00:00:00
 Max MTBE GW : 5340 Parts per Billion
 MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
 Priority: Not reported
 Local Case # : Not reported
 Beneficial: Not reported
 Staff : TME
 GW Qualifier : =
 Max MTBE Soil : 9.4 Parts per Million
 Soil Qualifier : =
 Hydr Basin #: COASTAL PLAIN OF ORA
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : 2002-09-28 00:00:00
 Stop Date : Not reported
 Work Suspended : Not reported
 Responsible Party: BLANK RP
 RP Address: 1608 W. ORANGEWOOD AVE., ANAHEIM, CA 92802

Confirm Leak: 1994-03-16 00:00:00
 Prelim Assess: 1997-02-03 00:00:00
 Remed Plan: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO / FAST FUEL SS #88 (Continued)

S101589613

Global Id: T0605901765
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 5
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : FORMER CALIFORNIA TARGET ENTERPRISES SITE. CTE BANKRUPT.

LUST Region 8:

Region: 8 Cross Street: MAGNOLIA
Regional Board: 08
Local Case Num: Not reported
Facility Status: Remedial action (cleanup) Underway
Staff: TME
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: City of Anaheim, Utilities Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 3/16/1994 Confirm Leak: 3/16/1994
Workplan: 2/3/1997 Prelim Assess: 2/3/1997
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported
Discover Date : 3/16/1994
Enforcement Dt : Not reported
Enf Type: SI
Enter Date : 8/29/1994
Funding: Not reported
Staff Initials: SW
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.8467868 / -117.9762778
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : 3/26/1998
MTBE Tested : YES
Max MTBE GW : 5340
GW Qualifies : =
Max MTBE Soil : 9.4
Soil Qualifies : =
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901765
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: B
Case Type: A
How Stopped Date: Not reported
MTBE Concentration: 5

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ARCO / FAST FUEL SS #88 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S101589613

MTBE Fuel: 1
Case Number: 083002484T
Substance: 8006619
Staff: TME
Summary : FORMER CALIFORNIA TARGET ENTERPRISES SITE. CTE BANKRUPT.

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

FID:
Facility ID: 30017739 Regulate ID: Not reported
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (714) 995-9916
Mail To: Not reported
1608 W ORANGEWOOD AVE
ANAHEIM, CA 92801
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

SWEEPS:
Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92
Act Date : 11-03-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 1
Swrcb Tank Id : 30-011-005021-000001
Actv Date : 11-03-92
Capacity : 8000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : 7

Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92
Act Date : 11-03-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 2
Swrcb Tank Id : 30-011-005021-000002
Actv Date : 11-03-92
Capacity : 8000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARCO / FAST FUEL SS #88 (Continued)

S101589613

Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92
Act Date : 11-03-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 3
Swrcb Tank Id : 30-011-005021-000003
Actv Date : 11-03-92
Capacity : 4000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92
Act Date : 11-03-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 4
Swrcb Tank Id : 30-011-005021-000004
Actv Date : 11-03-92
Capacity : 4000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92
Act Date : 11-03-92
Created Date : 12-31-88
Tank Status : A
Owner Tank Id : 5
Swrcb Tank Id : 30-011-005021-000005
Actv Date : 11-03-92
Capacity : 4000
Tank Use : M.V. FUEL
Stg : P
Content : REG UNLEADED
Number Of Tanks : Not reported

Status : A
Comp Number : 5021
Number : 1
Board Of Equalization : Not reported
Ref Date : 11-03-92

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO / FAST FUEL SS #88 (Continued)

S101589613

Act Date : 11-03-92
 Created Date : 12-31-88
 Tank Status : A
 Owner Tank Id : 6
 Swrcb Tank Id : 30-011-005021-000006
 Actv Date : 11-03-92
 Capacity : 6000
 Tank Use : M.V. FUEL
 Stg : P
 Content : DIESEL
 Number Of Tanks : Not reported

Status : A
 Comp Number : 5021
 Number : 1
 Board Of Equalization : Not reported
 Ref Date : 11-03-92
 Act Date : 11-03-92
 Created Date : 12-31-88
 Tank Status : A
 Owner Tank Id : 7
 Swrcb Tank Id : 30-011-005021-000007
 Actv Date : 11-03-92
 Capacity : 550
 Tank Use : OIL
 Stg : W
 Content : WASTE OIL
 Number Of Tanks : Not reported

**J29
 SSE
 1/4-1/2
 1906 ft.**

**UNOCAL #4705
 2585 LA PALMA AVE
 ANAHEIM, CA**

**Cortese
 CA FID UST
 SWEEPS UST**

**S101589447
 N/A**

Site 1 of 3 in cluster J

**Relative:
 Higher**

CORTESE:
 Region: CORTESE
 Fac Address 2: 2585 LA PALMA AVE

**Actual:
 103 ft.**

FID:
 Facility ID: 30012985 Regulate ID: Not reported
 Reg By: Active Underground Storage Tank Location
 Cortese Code: Not reported SIC Code: Not reported
 Status: Active Facility Tel: (714) 828-3428
 Mail To: Not reported
 P O BOX
 ANAHEIM, CA 92801
 Contact: Not reported Contact Tel: Not reported
 DUNS No: Not reported NPDES No: Not reported
 Creation: 10/22/93 Modified: 00/00/00
 EPA ID: Not reported
 Comments: Not reported

SWEEPS:
 Status : A
 Comp Number : 5026
 Number : 1
 Board Of Equalization : 44-001057
 Ref Date : 03-09-94
 Act Date : 06-23-94

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNOCAL #4705 (Continued)

S101589447

Created Date : 12-31-88
 Tank Status : A
 Owner Tank Id : UNKNOWN
 Swrcb Tank Id : 30-011-005026-000001
 Actv Date : 04-04-94
 Capacity : 12000
 Tank Use : M.V. FUEL
 Stg : P
 Content : PRM UNLEADED
 Number Of Tanks : 3

Status : A
 Comp Number : 5026
 Number : 1
 Board Of Equalization : 44-001057
 Ref Date : 03-09-94
 Act Date : 06-23-94
 Created Date : 12-31-88
 Tank Status : A
 Owner Tank Id : UNKNOWN
 Swrcb Tank Id : 30-011-005026-000002
 Actv Date : 04-04-94
 Capacity : 12000
 Tank Use : M.V. FUEL
 Stg : P
 Content : REG UNLEADED
 Number Of Tanks : Not reported

Status : A
 Comp Number : 5026
 Number : 1
 Board Of Equalization : 44-001057
 Ref Date : 03-09-94
 Act Date : 06-23-94
 Created Date : 12-31-88
 Tank Status : A
 Owner Tank Id : UNKNOWN
 Swrcb Tank Id : 30-011-005026-000003
 Actv Date : 03-09-94
 Capacity : 500
 Tank Use : OIL
 Stg : W
 Content : WASTE OIL
 Number Of Tanks : Not reported

J30 **76 STATION #4705**
SSE **2585 W. LA PALMA AVENUE**
1/4-1/2 **ANAHEIM, CA 92801**
1941 ft.

LUST **S106874284**
N/A

Site 2 of 3 in cluster J

**Relative:
 Higher**

State LUST:
 Cross Street: Not reported
 Qty Leaked: Not reported
 Case Number 083004019T
 Reg Board: Santa Ana Region
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Local Agency: 30011

**Actual:
 103 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

76 STATION #4705 (Continued)

S106874284

Case Type: Soil only
Status: Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: Not reported
Release Date: 2004-05-06 00:00:00
Cleanup Fund Id : Not reported
Discover Date : 2004-05-06 00:00:00
Enforcement Dt : Not reported
Enf Type: NONE
Enter Date : Not reported
Funding: LOC
Staff Initials: SW
How Discovered: Tank Closure
How Stopped: Remove Contents
Interim : Not reported
Leak Cause: UNK
Leak Source: Tank
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : none
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyCHRISTOPHER M SWARTZ
RP Address: 3525 HYLAND AVE
Global Id: T0605935924
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J31
SSE
1/4-1/2
1944 ft.

TOSCO - 76 STATION #4705
2585 LA PALMA AVE
ANAHEIM, CA 92801

LUST **S105691384**
N/A

Site 3 of 3 in cluster J

Relative:
Higher

State LUST:

Actual:
103 ft.

Cross Street: MAGNOLIA
 Qty Leaked: Not reported
 Case Number: 083002033T
 Reg Board: Santa Ana Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Local Agency : 30011
 Case Type: Soil only
 Status: Case Closed
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Review Date: 1995-01-18 00:00:00 Confirm Leak: 1995-01-18 00:00:00
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported

Remed Action: Not reported
 Monitoring: Not reported
 Close Date: 1995-09-15 00:00:00
 Release Date: 1994-01-28 00:00:00
 Cleanup Fund Id : Not reported
 Discover Date : 1993-12-17 00:00:00
 Enforcement Dt : Not reported
 Enf Type: CLOS
 Enter Date : 1994-04-06 00:00:00
 Funding: Not reported
 Staff Initials: ROW
 How Discovered: OM
 How Stopped: Not reported
 Interim : Not reported
 Leak Cause: Not reported
 Leak Source: Not reported
 MTBE Date : Not reported
 Max MTBE GW : Not reported
 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
 Priority: Not reported
 Local Case # : Not reported
 Beneficial: Not reported
 Staff : NOM
 GW Qualifier : Not reported
 Max MTBE Soil : Not reported
 Soil Qualifier : Not reported
 Hydr Basin #: COASTAL PLAIN OF ORA
 Operator : Not reported
 Oversight Prgm: LUST
 Review Date : Not reported
 Stop Date : Not reported
 Work Suspended :Not reported
 Responsible Party:UNOCAL CORP.
 RP Address: 3790 VIA DE LA VALLE, SUITE 308, DEL MAR CA 92014
 Global Id: T0605901516
 Org Name: Not reported
 Contact Person: Not reported
 MTBE Conc: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TOSCO - 76 STATION #4705 (Continued)

EDR ID Number
EPA ID Number

Database(s)

S105691384

Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : Not reported

LUST Region 8:
Region: 8 Cross Street: MAGNOLIA
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: NOM
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: City of Anaheim, Utilities Dept.
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site

Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 1/18/1995 Confirm Leak: 1/18/1995
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 9/15/1995
Discover Date : 12/17/1993
Enforcement Dt : Not reported
Enf Type: CLOS
Enter Date : 4/6/1994
Funding: Not reported
Staff Initials: ROW
How Discovered: OM
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.8470118 / -117.9754877
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901516
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: *
Case Type: S
How Stopped Date: Not reported
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083002033T

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

TOSCO - 76 STATION #4705 (Continued)

EDR ID Number
EPA ID Number

Database(s)

Substance: 8006619
Staff: NOM
Summary : Not reported

S105691384

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEV.	TYPE
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Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COUNTY	S105022416	FACILITY 8232-1	1747 LINCOLN BLDG. L	92801	Cortese
ANAHEIM	8710209	INSIDE PCB STORAGE FACILITY.	INSIDE PCB STORAGE FACILITY.		ERNS
ANAHEIM	S105022495	FACILITY 13113-1	411 B JULIANNA	92801	Cortese
ANAHEIM	S106784789	KESTER SOLDER FACILITY	1730 ORANGETHORPE PKWY	92801	LUST
BUENA PARK	S104761060	COSBY OIL / 5 POINTS U SE	6000	90620	SWF/LF, Cortese
BUENA PARK	1000269344	HOOKER CHEMICAL & PLASTICS CORP	5460 KNOTT AVE	90620	RCRA-SQG, FINDS, RCRA-TSDF, CORRACTS, CERC-NFRAP

EPA Waste Codes Addendum

Code	Description
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D007	CHROMIUM
D008	LEAD
D010	SELENIUM

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 this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/01/05	Source: EPA
Date Data Arrived at EDR: 08/03/05	Telephone: N/A
Date Made Active in Reports: 08/22/05	Last EDR Contact: 08/03/05
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/05
	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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/27/05	Source: EPA
Date Data Arrived at EDR: 05/04/05	Telephone: N/A
Date Made Active in Reports: 05/16/05	Last EDR Contact: 08/05/05
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

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: 06/27/05	Source: EPA
Date Data Arrived at EDR: 07/22/05	Telephone: 703-413-0223
Date Made Active in Reports: 08/17/05	Last EDR Contact: 09/20/05
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/19/05
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05
Date Data Arrived at EDR: 06/20/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 58

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 07/05/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 08/11/05
Date Data Arrived at EDR: 08/23/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

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: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

FEDERAL ASTM SUPPLEMENTAL RECORDS

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: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 04/25/05
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
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: 06/08/05
Date Data Arrived at EDR: 07/11/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 28

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Annually

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 08/03/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/05
Next Scheduled EDR Contact: 10/31/05
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: 07/11/05
Date Data Arrived at EDR: 07/19/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 20

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/22/05
Next Scheduled EDR Contact: 10/17/05
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 31

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/13/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

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: 03/30/05
Date Data Arrived at EDR: 05/10/05
Date Made Active in Reports: 05/24/05
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

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: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Date Data Arrived at EDR: 01/07/05
Date Made Active in Reports: 03/14/05
Number of Days to Update: 66

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 05/23/95
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/29/05
Next Scheduled EDR Contact: 10/03/05
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: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/02/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

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: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Every 4 Years

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

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: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

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: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 05/18/04
Date Made Active in Reports: 06/25/04
Number of Days to Update: 38

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01
Date Data Arrived at EDR: 05/29/01
Date Made Active in Reports: 07/26/01
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 07/26/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Data Arrived at EDR: 11/01/93
Date Made Active in Reports: 11/19/93
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 07/19/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: No Update Planned

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: 07/01/95
Date Data Arrived at EDR: 08/30/95
Date Made Active in Reports: 09/26/95
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 08/01/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: No Update Planned

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: 09/12/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 23

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/00
Date Data Arrived at EDR: 04/10/00
Date Made Active in Reports: 05/10/00
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

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.

Date of Government Version: 07/11/05
Date Data Arrived at EDR: 07/12/05
Date Made Active in Reports: 08/03/05
Number of Days to Update: 22

Source: State Water Resources Control Board
Contact: Anaheim City Fire Department, (714) 765-405
Contact: Orange County Environmental Health, (714)433-6471
Last EDR Contact: 07/12/05
Next Scheduled EDR Contact: 10/10/05
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: 02/01/01
Date Data Arrived at EDR: 02/28/01
Date Made Active in Reports: 03/29/01
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/04
Date Data Arrived at EDR: 10/20/04
Date Made Active in Reports: 11/19/04
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/03
Date Data Arrived at EDR: 05/19/03
Date Made Active in Reports: 06/02/03
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
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: 09/07/04
Date Data Arrived at EDR: 09/07/04
Date Made Active in Reports: 10/12/04
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 08/02/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 30

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/08/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

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: 09/09/03
Date Data Arrived at EDR: 09/10/03
Date Made Active in Reports: 10/07/03
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 06/07/05
Date Made Active in Reports: 06/29/05
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 07/08/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/04
Date Data Arrived at EDR: 02/26/04
Date Made Active in Reports: 03/24/04
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/05
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 03/28/05
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 08/08/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Varies

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: 03/01/01
Date Data Arrived at EDR: 04/23/01
Date Made Active in Reports: 05/21/01
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: No Update Planned

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: 01/01/89
Date Data Arrived at EDR: 07/27/94
Date Made Active in Reports: 08/02/94
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/94
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CA UST:

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/05
Date Data Arrived at EDR: 07/12/05
Date Made Active in Reports: 08/11/05
Number of Days to Update: 30

Source: SWRCB
Contact: Anaheim City Fire Department, (714) 765-405
Contact: Orange County Environmental Health, (714)433-6471
Last EDR Contact: 07/12/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Semi-Annually

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: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 04/18/05
Date Data Arrived at EDR: 05/16/05
Date Made Active in Reports: 05/31/05
Number of Days to Update: 15

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/02/05
Date Data Arrived at EDR: 06/03/05
Date Made Active in Reports: 07/01/05
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/14/05
Date Data Arrived at EDR: 06/14/05
Date Made Active in Reports: 07/15/05
Number of Days to Update: 31

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Data Arrived at EDR: 09/05/95
Date Made Active in Reports: 09/29/95
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/98
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Data Arrived at EDR: 01/25/91
Date Made Active in Reports: 02/12/91
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/01
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1980'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: 06/01/94	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/05	Telephone: N/A
Date Made Active in Reports: 08/11/05	Last EDR Contact: 06/03/05
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/05	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/25/05	Telephone: 916-341-5712
Date Made Active in Reports: 09/30/05	Last EDR Contact: 08/16/05
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

CLEANERS: 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: 04/18/05	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 04/18/05	Telephone: 916-327-4498
Date Made Active in Reports: 05/06/05	Last EDR Contact: 07/05/05
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/03/05
	Data Release Frequency: Annually

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 09/19/05	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/20/05	Telephone: 916-341-5227
Date Made Active in Reports: 10/06/05	Last EDR Contact: 09/20/05
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/19/05
	Data Release Frequency: Quarterly

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/02/05
Date Data Arrived at EDR: 08/02/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 07/19/05
Date Made Active in Reports: 08/11/05
Number of Days to Update: 23

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 07/19/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/27/05
Date Data Arrived at EDR: 07/28/05
Date Made Active in Reports: 08/11/05
Number of Days to Update: 14

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Quarterly

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 07/11/05
Date Data Arrived at EDR: 07/12/05
Date Made Active in Reports: 08/03/05
Number of Days to Update: 22

Source: State Water Resources Control Board
Contact: Anaheim City Fire Department, (714) 765-405
Contact: Orange County Environmental Health, (714)433-6471
Last EDR Contact: 07/12/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/03
Date Data Arrived at EDR: 04/07/03
Date Made Active in Reports: 04/25/03
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04
Date Data Arrived at EDR: 10/20/04
Date Made Active in Reports: 11/19/04
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/19/05
Date Data Arrived at EDR: 08/22/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 30

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04
Date Data Arrived at EDR: 11/18/04
Date Made Active in Reports: 01/04/05
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/05
Date Data Arrived at EDR: 04/05/05
Date Made Active in Reports: 04/21/05
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/08/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/24/05
Date Data Arrived at EDR: 05/25/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/04
Date Data Arrived at EDR: 09/07/04
Date Made Active in Reports: 10/12/04
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/04
Date Data Arrived at EDR: 11/29/04
Date Made Active in Reports: 01/04/05
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 07/01/04
Date Data Arrived at EDR: 08/10/04
Date Made Active in Reports: 09/08/04
Number of Days to Update: 29

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 07/21/05
Number of Days to Update: 24

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Annually

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: 12/31/02
Date Data Arrived at EDR: 11/24/03
Date Made Active in Reports: 01/08/04
Number of Days to Update: 45

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOCAL RECORDS

ALAMEDA COUNTY:

Underground Tanks

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 06/28/05
Date Made Active in Reports: 07/26/05
Number of Days to Update: 28

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/28/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Semi-Annually

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: 08/16/05
Date Data Arrived at EDR: 08/16/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 16

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/29/05
Date Data Arrived at EDR: 08/30/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 37

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/28/05
Data Release Frequency: Semi-Annually

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: 07/22/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/25/05
Number of Days to Update: 31

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 05/10/05
Date Data Arrived at EDR: 05/10/05
Date Made Active in Reports: 06/06/05
Number of Days to Update: 27

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Date of Government Version: 02/01/05
Date Data Arrived at EDR: 02/18/05
Date Made Active in Reports: 03/28/05
Number of Days to Update: 38

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 08/18/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Varies

City of El Segundo Underground Storage Tank

Date of Government Version: 08/29/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/28/05
Number of Days to Update: 30

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 08/29/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/03
Date Data Arrived at EDR: 10/23/03
Date Made Active in Reports: 11/26/03
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 08/16/05
Date Data Arrived at EDR: 09/14/05
Date Made Active in Reports: 09/28/05
Number of Days to Update: 14

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Semi-Annually

City of Los Angeles Landfills

Date of Government Version: 03/01/05
Date Data Arrived at EDR: 03/18/05
Date Made Active in Reports: 04/08/05
Number of Days to Update: 21

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Varies

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/28/05
Date Data Arrived at EDR: 07/08/05
Date Made Active in Reports: 08/03/05
Number of Days to Update: 26

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Semi-Annually

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/25/05
Date Data Arrived at EDR: 05/27/05
Date Made Active in Reports: 07/01/05
Number of Days to Update: 35

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 11/14/05
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/98
Date Data Arrived at EDR: 07/07/99
Date Made Active in Reports: N/A
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 07/06/99
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 08/08/05
Date Data Arrived at EDR: 08/26/05
Date Made Active in Reports: 09/28/05
Number of Days to Update: 33

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 08/01/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 07/26/05
Number of Days to Update: 29

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 07/26/05
Number of Days to Update: 29

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/26/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Annually

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/01/05
Date Data Arrived at EDR: 06/10/05
Date Made Active in Reports: 07/13/05
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/05
Date Data Arrived at EDR: 09/19/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Annually

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/10/05
Date Data Arrived at EDR: 08/31/05
Date Made Active in Reports: 09/13/05
Number of Days to Update: 13

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
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: 09/15/05
Date Data Arrived at EDR: 09/16/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Date of Government Version: 05/24/05
Date Data Arrived at EDR: 05/25/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 22

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 08/19/05
Date Data Arrived at EDR: 09/02/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 34

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/26/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 07/25/05
Date Data Arrived at EDR: 08/19/05
Date Made Active in Reports: 09/13/05
Number of Days to Update: 25

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 08/05/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/20/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 16

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Date Data Arrived at EDR: 12/13/01
Date Made Active in Reports: 01/15/02
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

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: 05/16/05
Date Data Arrived at EDR: 05/18/05
Date Made Active in Reports: 06/16/05
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/08/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Date of Government Version: 09/07/05
Date Data Arrived at EDR: 09/08/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 28

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 06/07/05
Date Data Arrived at EDR: 06/08/05
Date Made Active in Reports: 07/13/05
Number of Days to Update: 35

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

Fuel Leak List

Date of Government Version: 08/11/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 09/13/05
Number of Days to Update: 32

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Semi-Annually

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 08/17/05
Date Data Arrived at EDR: 08/17/05
Date Made Active in Reports: 09/21/05
Number of Days to Update: 35

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Date of Government Version: 03/29/05
Date Data Arrived at EDR: 03/30/05
Date Made Active in Reports: 04/21/05
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

Hazardous Material Facilities

Date of Government Version: 09/13/05
Date Data Arrived at EDR: 09/13/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 23

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 06/28/05
Date Made Active in Reports: 07/26/05
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 06/28/05
Date Made Active in Reports: 07/26/05
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 07/01/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/25/05
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 01/29/04
Date Data Arrived at EDR: 01/29/04
Date Made Active in Reports: 02/23/04
Number of Days to Update: 25

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/05
Date Data Arrived at EDR: 09/20/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/01/05
Date Data Arrived at EDR: 07/05/05
Date Made Active in Reports: 08/03/05
Number of Days to Update: 29

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
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: 07/05/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 13

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: Quarterly

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: 06/01/05
Date Data Arrived at EDR: 07/06/05
Date Made Active in Reports: 08/03/05
Number of Days to Update: 28

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/13/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 07/19/05	Source: Yolo County Department of Health
Date Data Arrived at EDR: 08/08/05	Telephone: 530-666-8646
Date Made Active in Reports: 08/30/05	Last EDR Contact: 07/18/05
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/17/05
	Data Release Frequency: Annually

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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BROWNFIELDS DATABASES

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: 08/08/05	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/29/05	Telephone: 916-323-3400
Date Made Active in Reports: 09/21/05	Last EDR Contact: 08/29/05
Number of Days to Update: 23	Next Scheduled EDR Contact: 11/28/05
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 08/18/05
Date Data Arrived at EDR: 08/18/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/11/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Semi-Annually

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: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
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.

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: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DELPHI FACILITY
1201 N. MAGNOLIA AVENUE
ANAHEIM, CA 92801

TARGET PROPERTY COORDINATES

Latitude (North):	33.851898 - 33° 51' 6.8"
Longitude (West):	117.977600 - 117° 58' 39.4"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	409560.7
UTM Y (Meters):	3745971.0
Elevation:	97 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. 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.

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).

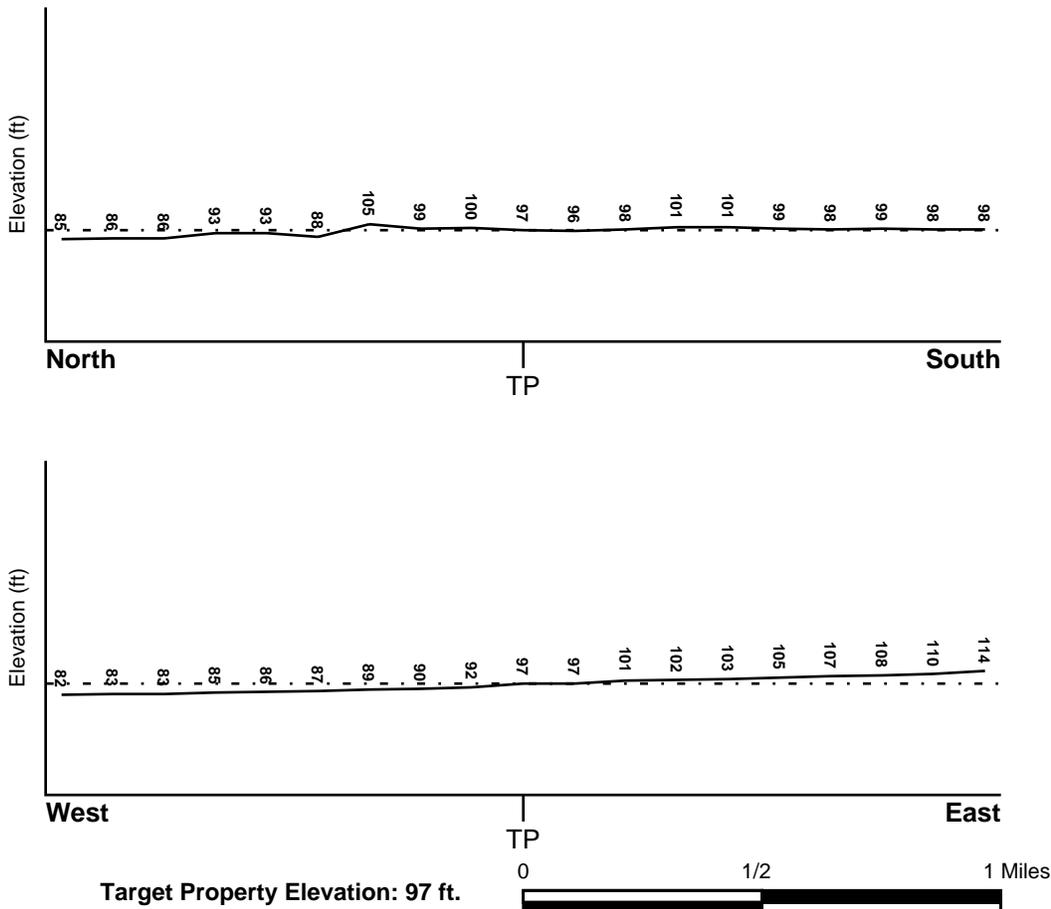
TOPOGRAPHIC INFORMATION

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

USGS Topographic Map: 33117-G8 ANAHEIM, CA
General Topographic Gradient: General West
Source: USGS 7.5 min quad index

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: 06059C0013E

Additional Panels in search area: 06059C0006E
06059C0005E
06059C0012E

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> ANAHEIM	NWI Electronic <u>Data Coverage</u> Not Available
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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
Location Relative to TP:	1 - 2 Miles NW
Site Name:	El Bandido Truck Yard
Site EPA ID Number:	CAD982359572
Groundwater Flow Direction:	Southwest
Inferred Depth to Water:	75 feet.
Hydraulic Connection:	Information is not available about the hydraulic connection between aquifer(s) under the site.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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>
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* ©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>
2	1/8 - 1/4 Mile NE	SW
3	1/4 - 1/2 Mile South	Not Reported
6	1/4 - 1/2 Mile SSE	Not Reported
8	1/4 - 1/2 Mile NNE	NW
11	1/2 - 1 Mile NW	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 (*decoded above as Era, System & Series*)

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
 clay
 silt loam
 clay loam
 sandy loam
 gravelly - sandy loam
 loamy sand
 fine sand
 coarse sand
 sand
 gravelly - sand

Surficial Soil Types: loam
 clay
 silt loam
 clay loam
 sandy loam
 gravelly - sandy loam
 loamy sand
 fine sand
 coarse sand
 sand
 gravelly - sand

Shallow Soil Types: fine sandy loam
 gravelly - loam
 sand
 silty clay

Deeper Soil Types: stratified
 clay loam
 silty clay loam
 gravelly - sandy loam
 coarse sand
 sand
 weathered bedrock
 very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS State Database	Nearest PWS within 1 mile 1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3124570	0 - 1/8 Mile ESE
A5	USGS3124572	1/4 - 1/2 Mile WNW
12	USGS3124558	1/2 - 1 Mile SSE
13	USGS3124556	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

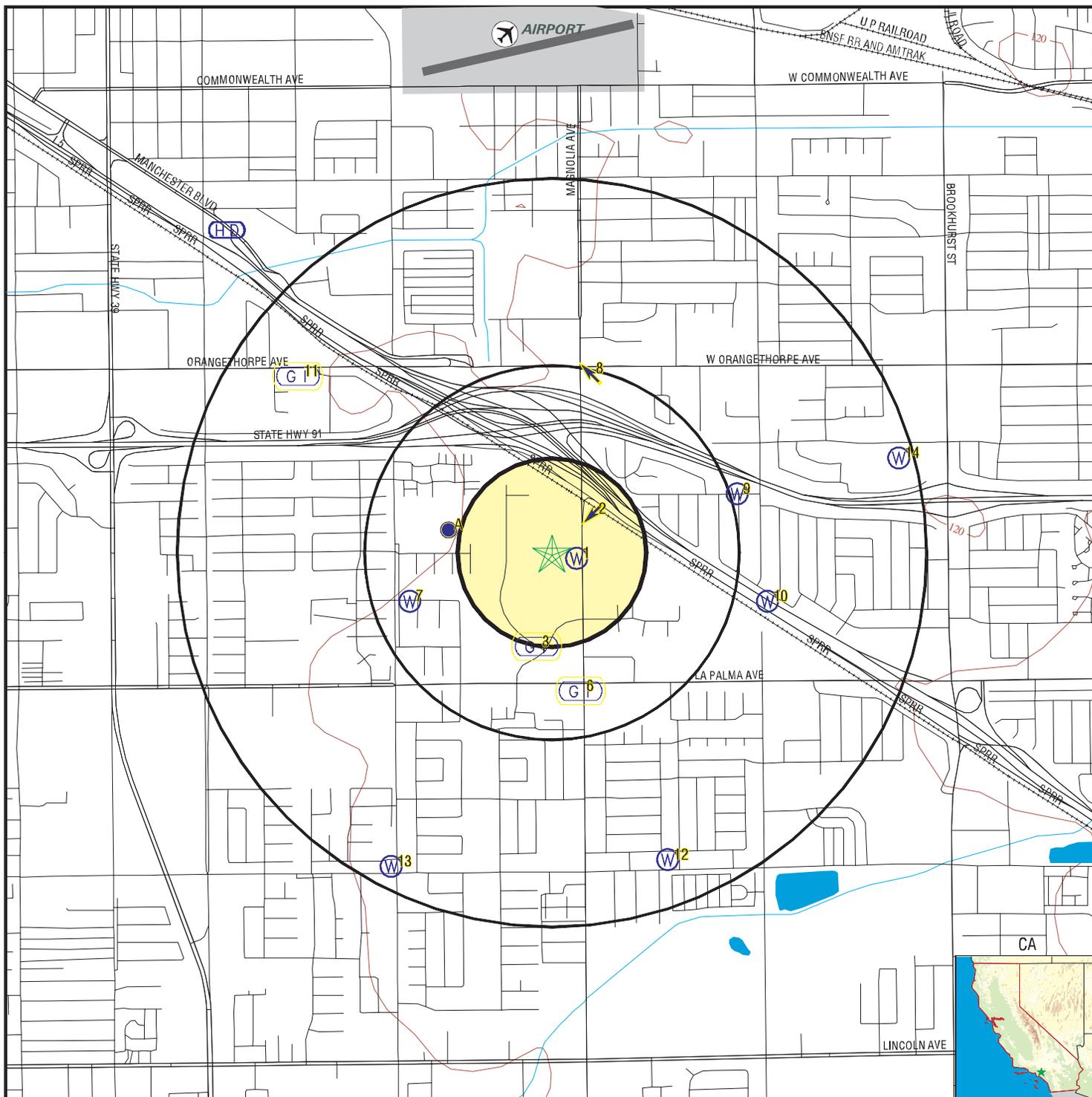
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
A4	5193	1/4 - 1/2 Mile WNW
7	5226	1/4 - 1/2 Mile WSW
9	5109	1/2 - 1 Mile ENE
10	5111	1/2 - 1 Mile ESE
14	5110	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 1534288.2s



- 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



TARGET PROPERTY: Delphi Facility
ADDRESS: 1201 N. Magnolia Avenue
CITY/STATE/ZIP: Anaheim CA 92801
LAT/LONG: 33.8519 / 117.9776

CUSTOMER: Haley & Aldrich, Inc.
CONTACT: Tom Tatnall
INQUIRY #: 1534288.2s
DATE: October 18, 2005 9:40 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
0 - 1/8 Mile
Higher
FED USGS USGS3124570

Agency cd:	USGS	Site no:	335106117583203
Site name:	004S011W01J003S		
Latitude:	335106		
Longitude:	1175832	Dec lat:	33.85168137
Dec lon:	-117.97645042	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	SENESES01T04SR11WS
Location map:	ANAHEIM	Map scale:	24000
Altitude:	94.00	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	San Gabriel. California. Area = 713 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19530927
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	690	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-05-27	Ground water data end date:	1986-09-03
Ground water data count:	28		

Ground-water levels, Number of Measurements: 28

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-09-03	97.85		1986-05-05	85.65	
1986-02-12	79.15		1985-11-05	87.37	
1985-08-21	90.26		1985-05-07	75.77	
1985-02-14	64.49		1984-11-14	86.78	
1984-08-23	88.67		1984-05-16	73.09	
1984-02-16	57.70		1983-11-02	76.94	
1983-08-18	89.09		1983-05-11	77.92	
1983-02-10	76.99		1982-11-04	88.62	
1982-08-04	91.48		1982-04-28	78.68	
1982-01-27	74.00				
1981-11-10					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1981-07-30	84.81		1981-05-06	67.70	
1981-02-05	74.40		1980-10-30	83.03	
1980-08-28	85.10		1980-08-14	86.09	
1971-09-30	88.00		1953-05-27	125.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

2 NE 1/8 - 1/4 Mile Higher	Site ID: 083000126T Groundwater Flow: SW Shallow Water Depth: 29 Deep Water Depth: 32 Average Water Depth: Not Reported Date: 08/22/1989	AQUIFLOW	38624
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3 South 1/4 - 1/2 Mile Higher	Site ID: 083002306T Groundwater Flow: Not Reported Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 30 Date: 05/21/1996	AQUIFLOW	64498
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A4 WNW 1/4 - 1/2 Mile Lower		CA WELLS	5193
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Water System Information:

Prime Station Code: 04S/11W-01K01 S	User ID: TEE
FRDS Number: 3010003016	County: Orange
District Number: 08	Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater	Well Status: Active Untreated
Source Lat/Long: 335110.9 1175853.2	Precision: 100 Feet (one Second)
Source Name: BOISSERANC WELL	
System Number: 3010003	
System Name: City of Buena Park	
Organization That Operates System: 6650 BEACH BLVD BUENA PARK, CA 90620	
Pop Served: 72550	Connections: 18211
Area Served: BUENA PARK	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 02/26/1997	Findings: 20.600 C
Chemical: SOURCE TEMPERATURE C	
Sample Collected: 02/26/1997	Findings: 2.000 TON
Chemical: ODOR THRESHOLD @ 60 C	
Sample Collected: 02/26/1997	Findings: 510.000 UMHO
Chemical: SPECIFIC CONDUCTANCE	
Sample Collected: 02/26/1997	Findings: 7.150
Chemical: PH (LABORATORY)	
Sample Collected: 02/26/1997	Findings: 172.000 MG/L
Chemical: TOTAL ALKALINITY (AS CaCO3)	
Sample Collected: 02/26/1997	Findings: 210.000 MG/L
Chemical: BICARBONATE ALKALINITY	
Sample Collected: 02/26/1997	Findings: 208.000 MG/L
Chemical: TOTAL HARDNESS (AS CaCO3)	
Sample Collected: 02/26/1997	Findings: 51.300 MG/L
Chemical: CALCIUM	
Sample Collected: 02/26/1997	Findings: 12.000 MG/L
Chemical: MAGNESIUM	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/26/1997	Findings:	40.800 MG/L
Chemical:	SODIUM		
Sample Collected:	02/26/1997	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/26/1997	Findings:	18.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/26/1997	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/26/1997	Findings:	294.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/26/1997	Findings:	2.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1997	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		

A5
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS3124572

Agency cd:	USGS	Site no:	335110117585701
Site name:	004S011W01K001S		
Latitude:	335110		
Longitude:	1175857	Dec lat:	33.85277778
Dec lon:	-117.9825	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	ANAHEIM	Map scale:	24000
Altitude:	87	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Not Reported		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19950118
Date inventoried:	20000925	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	1275	Hole depth:	1505
Source of depth data:	driller	Project number:	470657500
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-10-11
Water quality data end date:	2000-10-11	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

6 SSE 1/4 - 1/2 Mile Higher	Site ID: 083002484T		AQUIFLOW	38964
	Groundwater Flow: Not Reported			
	Shallow Water Depth: 25			
	Deep Water Depth: 30			
	Average Water Depth: Not Reported			
	Date: 05/16/1994			

7 WSW 1/4 - 1/2 Mile Lower			CA WELLS	5226
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Water System Information:

Prime Station Code: 04S/11W-12E02 S	User ID: TEE
FRDS Number: 3010003011	County: Orange
District Number: 08	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type: Well/Groundwater	Well Status: Active Untreated
Source Lat/Long: 335100.0 1175900.0	Precision: Undefined
Source Name: MOSS WELL	
System Number: 3010003	
System Name: City of Buena Park	
Organization That Operates System: 6650 BEACH BLVD BUENA PARK, CA 90620	
Pop Served: 72550	Connections: 18211
Area Served: BUENA PARK	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 12/12/1983	Findings: 750.000 UMHO
Chemical: SPECIFIC CONDUCTANCE	
Sample Collected: 12/12/1983	Findings: 7.530
Chemical: PH (LABORATORY)	
Sample Collected: 12/12/1983	Findings: 210.000 MG/L
Chemical: TOTAL ALKALINITY (AS CaCO3)	
Sample Collected: 12/12/1983	Findings: 256.000 MG/L
Chemical: BICARBONATE ALKALINITY	
Sample Collected: 12/12/1983	Findings: 305.000 MG/L
Chemical: TOTAL HARDNESS (AS CaCO3)	
Sample Collected: 12/12/1983	Findings: 92.000 MG/L
Chemical: CALCIUM	
Sample Collected: 12/12/1983	Findings: 18.000 MG/L
Chemical: MAGNESIUM	
Sample Collected: 12/12/1983	Findings: 43.000 MG/L
Chemical: SODIUM	
Sample Collected: 12/12/1983	Findings: 5.000 MG/L
Chemical: POTASSIUM	
Sample Collected: 12/12/1983	Findings: 53.000 MG/L
Chemical: CHLORIDE	
Sample Collected: 12/12/1983	Findings: .560 MG/L
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)	
Sample Collected: 12/12/1983	Findings: 492.000 MG/L
Chemical: TOTAL DISSOLVED SOLIDS	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/12/1983	Findings:	20.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1985	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1985	Findings:	8.040
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1985	Findings:	191.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	08/27/1985	Findings:	233.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1985	Findings:	314.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	08/27/1985	Findings:	99.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1985	Findings:	15.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1985	Findings:	41.400 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1985	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1985	Findings:	56.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1985	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1985	Findings:	487.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1985	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/16/1988	Findings:	550.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/16/1988	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	02/16/1988	Findings:	176.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	02/16/1988	Findings:	215.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/16/1988	Findings:	186.400 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	02/16/1988	Findings:	63.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/16/1988	Findings:	6.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/16/1988	Findings:	39.300 MG/L
Chemical:	SODIUM		
Sample Collected:	02/16/1988	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/16/1988	Findings:	40.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/16/1988	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/16/1988	Findings:	40.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/16/1988	Findings:	322.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/30/1989	Findings:	619.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/30/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/30/1989	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/30/1989	Findings:	175.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/30/1989	Findings:	241.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/30/1989	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/30/1989	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/30/1989	Findings:	35.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/30/1989	Findings:	4.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/30/1989	Findings:	43.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/30/1989	Findings:	.550 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/30/1989	Findings:	378.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/30/1989	Findings:	6.650 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	09/19/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/17/1990	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/17/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/07/1990	Findings:	615.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/07/1990	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/07/1990	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	03/07/1990	Findings:	159.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/07/1990	Findings:	240.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/07/1990	Findings:	73.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/07/1990	Findings:	14.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/07/1990	Findings:	26.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/07/1990	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/07/1990	Findings:	36.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/07/1990	Findings:	.580 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/07/1990	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/07/1990	Findings:	382.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/07/1990	Findings:	8.000 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/07/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/16/1990	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/16/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/16/1990	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/16/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/21/1993	Findings:	5.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/21/1993	Findings:	2.020 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/21/1993	Findings:	7.230 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/21/1993	Findings:	.340 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/21/1993	Findings:	743.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/21/1993	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	09/21/1993	Findings:	187.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO ₃)		
Sample Collected:	09/21/1993	Findings:	228.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/21/1993	Findings:	287.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	09/21/1993	Findings:	17.000 MG/L
Chemical:	MAGNESIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/21/1993	Findings:	38.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/21/1993	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/21/1993	Findings:	.570 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/21/1993	Findings:	462.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/21/1993	Findings:	12.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1993	Findings:	5.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/21/1993	Findings:	2.020 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/21/1993	Findings:	7.230 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/21/1993	Findings:	.340 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/18/1994	Findings:	5.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/18/1994	Findings:	2.020 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/18/1994	Findings:	7.230 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/18/1994	Findings:	.340 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	04/27/1994	Findings:	3120.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	04/27/1994	Findings:	13.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1994	Findings:	3120.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/27/1994	Findings:	5.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/27/1994	Findings:	2.020 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/27/1994	Findings:	7.230 PCI/L
Chemical:	URANIUM		
Sample Collected:	04/27/1994	Findings:	.340 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	10/20/1994	Findings:	3430.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	10/20/1994	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/20/1994	Findings:	3430.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/02/1995	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/02/1995	Findings:	4300.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/04/1996	Findings:	758.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/04/1996	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	01/04/1996	Findings:	183.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/04/1996	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/04/1996	Findings:	295.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/04/1996	Findings:	.440 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/04/1996	Findings:	5.500 UG/L
Chemical:	SELENIUM		
Sample Collected:	01/04/1996	Findings:	458.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/04/1996	Findings:	14.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/04/1996	Findings:	3210.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/01/1996	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	10/01/1996	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/01/1996	Findings:	7.920
Chemical:	PH (LABORATORY)		
Sample Collected:	10/01/1996	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/01/1996	Findings:	84.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/04/1997	Findings:	10.000 MG/L
Chemical:	NITRATE (AS NO3)		

8 NNE 1/4 - 1/2 Mile Lower	Site ID:	083000281T		
	Groundwater Flow:	NW	AQUIFLOW	54930
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	31		
Date:	10/31/1995			

9 ENE 1/2 - 1 Mile Higher		CA WELLS	5109
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Water System Information:

Prime Station Code:	04S/10W-06F01 S	User ID:	TEE
FRDS Number:	3000767001	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335115.0 1175805.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01 - DESTROYED		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3000767
 System Name: HOUSTON AVE WATER COMPANY
 Organization That Operates System:
 Not Reported
 Pop Served: Unknown, Small System Connections: Unknown, Small System
 Area Served: Not Reported

10
ESE
1/2 - 1 Mile
Higher

CA WELLS 5111

Water System Information:

Prime Station Code: 04S/10W-07E01 S	User ID: TEE
FRDS Number: 3010001008	County: Orange
District Number: 08	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type: Well/Groundwater	Well Status: Active Untreated
Source Lat/Long: 335100.0 1175800.0	Precision: Undefined
Source Name: WELL 012	
System Number: 3010001	
System Name: City of Anaheim	
Organization That Operates System:	
P.O. BOX 3222 (#559)	
ANAHEIM, CA 92805	
Pop Served: 292900	Connections: 57397
Area Served: ANAHEIM	

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected: 08/29/1989	Findings: 4.500 PCI/L	
Chemical: GROSS ALPHA		
Sample Collected: 08/29/1989	Findings: 1.200 PCI/L	
Chemical: GROSS ALPHA COUNTING ERROR		
Sample Collected: 08/29/1989	Findings: 901.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 08/29/1989	Findings: 7.600	
Chemical: PH (LABORATORY)		
Sample Collected: 08/29/1989	Findings: 198.000 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 08/29/1989	Findings: 198.000 MG/L	
Chemical: BICARBONATE ALKALINITY		
Sample Collected: 08/29/1989	Findings: 355.000 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		
Sample Collected: 08/29/1989	Findings: 109.000 MG/L	
Chemical: CALCIUM		
Sample Collected: 08/29/1989	Findings: 20.000 MG/L	
Chemical: MAGNESIUM		
Sample Collected: 08/29/1989	Findings: 44.000 MG/L	
Chemical: SODIUM		
Sample Collected: 08/29/1989	Findings: 4.400 MG/L	
Chemical: POTASSIUM		
Sample Collected: 08/29/1989	Findings: 74.000 MG/L	
Chemical: CHLORIDE		
Sample Collected: 08/29/1989	Findings: .550 MG/L	
Chemical: FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/29/1989	Findings:	568.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/29/1989	Findings:	23.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/29/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	04/04/1990	Findings:	10.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/11/1990	Findings:	926.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/11/1990	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	07/11/1990	Findings:	187.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/11/1990	Findings:	187.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/11/1990	Findings:	364.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/11/1990	Findings:	116.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/11/1990	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/11/1990	Findings:	52.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/11/1990	Findings:	4.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/11/1990	Findings:	96.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/11/1990	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/11/1990	Findings:	.030 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	07/11/1990	Findings:	586.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/11/1990	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/11/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/05/1993	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/05/1993	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/05/1993	Findings:	8.690 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/05/1993	Findings:	.380 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/21/1993	Findings:	19.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/21/1993	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/21/1993	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/21/1993	Findings:	8.690 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/21/1993	Findings:	.380 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/07/1994	Findings:	26.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1994	Findings:	6030.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/07/1994	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/07/1994	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/07/1994	Findings:	8.690 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/07/1994	Findings:	.380 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/20/1994	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/20/1994	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/20/1994	Findings:	8.690 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/20/1994	Findings:	.380 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/17/1994	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1994	Findings:	4060.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/07/1995	Findings:	19.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1995	Findings:	4330.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/16/1995	Findings:	18.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	4230.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/02/1995	Findings:	18.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/1995	Findings:	23.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/15/1996	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1996	Findings:	951.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/05/1996	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	08/05/1996	Findings:	203.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1996	Findings:	244.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/05/1996	Findings:	399.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/05/1996	Findings:	124.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/05/1996	Findings:	21.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/05/1996	Findings:	47.800 MG/L
Chemical:	SODIUM		
Sample Collected:	08/05/1996	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/05/1996	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/05/1996	Findings:	608.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/05/1996	Findings:	19.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1996	Findings:	4370.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/05/1997	Findings:	16.470 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	20.410 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/04/1997	Findings:	19.610 MG/L
Chemical:	NITRATE (AS NO3)		

11 NW 1/2 - 1 Mile Lower	Site ID:	083002181T		
	Groundwater Flow:	Not Reported	AQUIFLOW	55022
	Shallow Water Depth:	22		
	Deep Water Depth:	45		
	Average Water Depth:	Not Reported		
	Date:	08/04/1993		

12 SSE 1/2 - 1 Mile Higher	Agency cd:	USGS	Site no:	335024117582001
	Site name:	004S010W07E001S		
	Latitude:	335024		
	Longitude:	1175820	Dec lat:	33.84
	Dec lon:	-117.97222222	Coor meth:	G
	Coor accr:	5	Latlong datum:	NAD83
	Dec latlong datum:	NAD83	District:	06
	State:	06	County:	059
	Country:	US	Land net:	Not Reported
	Location map:	ANAHEIM	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	100	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000927	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	510	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	470657500
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-10-10
Water quality data end date:	2000-10-10	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

13
SSW
1/2 - 1 Mile
Lower

FED USGS USGS3124556

Agency cd:	USGS	Site no:	335023117590301
Site name:	004S011W12F001S		
Latitude:	335023		
Longitude:	1175903	Dec lat:	33.8397371
Dec lon:	-117.98506154	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	SENWS12T04SR11WS
Location map:	ANAHEIM	Map scale:	24000
Altitude:	90.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	San Gabriel. California. Area = 713 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	479300200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-04-29	Ground water data end date:	1983-05-11
Ground water data count:	44		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 44

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1983-05-11					
Note: The well was destroyed (no water level is recorded).					
1983-02-10	80.16		1982-11-04	91.84	
1982-08-04	97.06		1982-04-29	82.98	
1982-01-27	75.76		1981-11-03	87.98	
1981-07-31	88.92		1981-05-06	71.77	
1981-02-05	76.55		1980-10-28	86.64	
1980-08-26	89.56		1980-06-10	79.28	
1980-02-07	83.25		1979-11-15	89.57	
1979-07-31	95.73		1979-05-01	82.80	
1979-02-05	87.97		1978-11-06	98.18	
1977-11-02	116.80		1977-01-13	110.60	
1976-10-28	112.20		1976-05-05	107.40	
1976-03-09	89.10		1976-01-06	84.00	
1975-10-31	104.60		1975-08-29	99.80	
1975-04-29	85.00		1975-03-18	85.10	
1975-01-02	88.10		1974-10-30	95.80	
1974-07-02	105.20		1974-03-18	98.40	
1973-07-03	107.60		1973-01-04	97.20	
1972-10-31	95.00		1972-09-11	107.80	
1972-06-29	100.80		1972-04-28	87.10	
1972-02-28	80.40		1971-11-01	89.60	
1971-07-07	88.50		1971-06-07	78.10	
1971-04-29	80.00				

**14
ENE
1/2 - 1 Mile
Higher**

CA WELLS 5110

Water System Information:

Prime Station Code:	04S/10W-06H02 S	User ID:	TEE
FRDS Number:	3000585001	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335120.0 1175738.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	3000585		
System Name:	Page Avenue Mutual Water Company		
Organization That Operates System:	1900 PAGE AVENUE FULLERTON, CA 92633	Connections:	36
Pop Served:	185		
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	09/01/1993	Findings:	25.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/01/1993	Findings:	9.390 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/01/1993	Findings:	2.310 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/01/1993	Findings:	6.970 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/01/1993	Findings:	.290 PCI/L
Chemical:	URANIUM COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/09/1993	Findings:	9.390 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/09/1993	Findings:	2.310 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/09/1993	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/09/1993	Findings:	6.970 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/09/1993	Findings:	.290 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	02/15/1994	Findings:	9.390 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/15/1994	Findings:	2.310 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/15/1994	Findings:	6.970 PCI/L
Chemical:	URANIUM		
Sample Collected:	02/15/1994	Findings:	.290 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	9.390 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1994	Findings:	2.310 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	6.970 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/14/1994	Findings:	.290 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	08/24/1994	Findings:	27.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1994	Findings:	6190.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/19/1994	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1994	Findings:	6090.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/31/1995	Findings:	27.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/31/1995	Findings:	6250.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/20/1995	Findings:	28.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/28/1995	Findings:	29.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	31.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1997	Findings:	1110.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/19/1997	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	03/19/1997	Findings:	197.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/19/1997	Findings:	241.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/19/1997	Findings:	431.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO ₃)		
Sample Collected:	03/19/1997	Findings:	133.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/19/1997	Findings:	113.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/19/1997	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/19/1997	Findings:	4.500 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/19/1997	Findings:	6.300 UG/L
Chemical:	SELENIUM		
Sample Collected:	03/19/1997	Findings:	750.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/19/1997	Findings:	23.900 MG/L
Chemical:	NITRATE (AS NO ₃)		
Sample Collected:	03/19/1997	Findings:	5390.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/10/1997	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO ₃)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
92801	6	1	16.67

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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation 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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

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.

California Oil and Gas Well Locations for District 2, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

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.

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.

2.2.2 CURRENT

Delco Remy currently uses a wet soluble process to manufacture 174 different battery models and approximately 3 million maintenance free lead acid automotive batteries per year (27,32). Operations include: the manufacture of lead acid batteries and plastic casings for the batteries; testing defective batteries returned under warranty; treating wastewater; and maintaining the manufacturing equipment.

The manufacture of lead acid batteries begins with the lead plates. Lead pigs or hogs (a hog equals 1 ton of lead) are melted, formed into a strip, and coiled (1,27). Soluble oil (2% oil, 98% water) is used to lubricate the lead as it is rolled to a specified thickness depending on whether it is to be used for a negative or positive plate. The lead is then trimmed to a specified width (scraps are remelted). After the lead cools and hardens, the lead strip is perforated. Soluble oil is used again as the lead is pressed and expanded to form a grid (27). The lead grid strip is cut into rectangular plates and is applied with lead oxide paste (1).

Lead oxide is formed when air is moved through molten lead with agitation in an oxide reactor. From the oxide reactor, the lead oxide goes to a settling chamber and to a storage hopper. The lead oxide is ground to particle size and sent through a cyclone collector and baghouse where lead oxide dust is collected. Sulfuric acid at <98% concentration is diluted to 50% concentration and added to the lead oxide to form a lead oxide paste that is 10% lead sulfate and 90% lead oxide (1). Baghouses provide down-draft ventilation. Air scrubbers clean the air of lead. The lead oxide paste is spread on the lead grid strip. Negative plates are stored to dry; positive plates are exposed to 212 degrees F and steam to form crystals (1,27).

During final assembly, the plates and lead battery terminals are then placed into the plastic battery cases (made on site), and sulfuric acid is added to the battery (1). A plastic separator (bought from an outside manufacturer) is used to allow the sulfuric acid to penetrate the plates while preventing the positive and negative plates from touching each other (27). Once assembled, the batteries are charged in the formation department (1).

The plastic injection molding process uses a plastic rolling machine to form the battery cases and covers (27). The use of these hydraulic molding units generates waste hydraulic oil as well as hydraulic oil used for the lubrication of presses and other plant equipment (32).

The facility has performed battery autopsy and tested defective batteries since 1954 as part of its quality control program. Approximately 20 failed warranty batteries are received from customer per month (32).

During the battery autopsy, batteries are placed on polyvinyl chloride (PVC)-coated workbench, the tops are cut off, and the acid is drained into a PVC-lined sink which drains to the wastewater treatment system. Acid is flushed from the batteries with water. The plastic battery tops are then banded back in place, and the batteries are stored on wooden pallets prior to shipment off site (1). Lead and Plastic are reclaimed and smelt in the City of Industry.

During the manufacturing process, several components are cooled with water and create potential wastewater contaminated with lead, oil, or sulfuric acid. The dilution of sulfuric acid generates heat; heat is removed by a heat exchanger, and water in the heat exchanger is sent to a cooling tower; the lead strip mill is cooled with a heat exchanger; the hot water from the heat exchanger is sent to cooling

towers; the plastic cases are cooled with water after the plastic cases formed and how water is sent to cooling towers (1).

Wastewater from the facility is collected in a 25-foot by 30-foot holding basin where caustic soda (sodium hydroxide) is added to neutralize the acid in the wastewater and to cause the lead to become insoluble. The water is mixed and pumped into three neutralization basins with a total area of 40 feet by 10 feet (32). Sodium hydroxide is added, and the water filtered through rubber-lined cast iron units with stainless steel filter coated with diatomaceous earth. The filtered water is monitored for pH and lead before discharge to the County sewer (1,27,32).

5.1.2. CURRENT

Delco Remy currently generates hazardous waste during the manufacture of lead acid batteries, during maintenance of manufacturing equipment, while testing defective batteries returned under warranty, and in the treatment of wastewater (1,26).

The facility manages its hazardous waste through four general waste streams: wastes containing solid lead are reclaimed for lead at an off-site lead smelter; wastewater containing dissolved lead and acid is treated in the on-site wastewater treatment unit; spent diatomaceous earth from the wastewater treatment unit filters is disposed of at a Class I landfill; and wastewater containing oil is shipped to a recycler (1).

Approximately 606 tons of diatomaceous earth was sent to a landfill in 1989. Two 20-cubic yard roll-off bins are used to temporarily store the diatomaceous earth. Additionally, 211 tons of oil and 3,284 tons of lead and spent batteries were sent to recyclers in 1989 (27). A 1988 DRS inspection report indicated that 4,530 tons of lead was sent to a recycler, RSR Quemetco in City of Industry (EPA ID No. CAD066233966); 75 tons of earth was shipped to Casmalia Resources landfill (EPA ID No. CAD02748125); and 5,000 gallons of oil containing wastewater were sent to Chem Tech in Vernon (EPA No. CAT080033681) (1).

Management of hazardous waste generate^{3d} at Delco Remy is divided into waste collection areas, accumulated material storage areas, and regulated discharges.

5.1.2.1 Waste Collection and Pure Product Areas

30-gallon Steel Buckets:

Lead dross and scrap lead are collected in buckets at satellite accumulation points near the strip milling machines. When full, the buckets are removed and stored in an indoor staging area.

55-gallon Containers:

Lead Slurry and defective battery plates are collected in 55-gallon containers at satellite collection points near the plate pasting machines before being stored in an indoor staging area (1,32).

Plastic-lined Cardboard Boxes:

Reclaimed lead (including off-specification plates) is collected in plastic lined boxes and sent to an off-site smelter.

Concrete Channel:

Waste lead oxide slurry, generated from the late pasting operation, is washed into a concrete channel which leads to the “1983 Vacuum Filter Machine” (1).

1983 Vacuum Filter Machine:

The machine spreads the lead oxide slurry on a sheet of filter paper and applies a vacuum to the underside of the paper which extracts water from the slurry. Water is sent to the wastewater treatment unit to be treated and to precipitate the dissolved lead. The lead oxide residue and filter paper are put in open containers for further air drying and are sent to the hazardous waste storage area (32).

Baghouse:

Lead dust from plate heating is collected in a baghouse. The baghouse is emptied, and the dust containing lead is stored in 55-gallon containers in the reclaim room (1).

Outdoor Tank Area:

Outside storage tanks include three 8,500-gallon pure acid tanks, two 6,000-gallon oxygen-storage tanks, one 7,000-gallon karbated acid tank (37).

Aboveground storage tanks located outside include two 180,000-pound tanks containing polypropylene, one 6,000-gallon tank of waste oil, one 1,500-gallon oxygen-storage tank, and one 511-gallon argon tank.

Hydraulic Oil Collection Channels:

Epoxy coated concrete collection channels surround the plastic battery case molding units. These channels contain water contaminated with hydraulic oil resulting from any leakage of the hydraulic molding machines (32).

Battery Autopsy Area:

Old batteries are cut open, the acid is drained, and batteries are tested in the battery autopsy area to determine the reason for failure (1).

The floor in the area is constructed of 12-inch thick concrete and sealed with protective epoxy coating. Secondary containment is provided by the sloped concrete floor which directs the waste to the wastewater treatment unit (32). Lead and plastic are reclaimed. Acid is collected and recycled (1).

Indoor Sodium Hydroxide Tank

The 5,600-gallon sodium hydroxide storage tank is located over an epoxy-coated concrete sum with no drains.

5.1.2.2 Accumulated Material Storage Areas

Hazardous Waste Storage Area

The hazardous waste storage area is located inside a warehouse. The area stores empty, unused drums as well as 55-gallon drums which contain virgin materials, acids, and hazardous waste. Grated trench with a sump contains any spilled material (1).

During the site reconnaissance, FIT noted 55-gallon drums labeled as containing polychlorinated biphenyls (PCBs). The drums contain the ballasts of fluorescent lights which require separate disposal according to the facility (27).

Collection/Processing Tanks:

Soluble oil wastewater from processing is collected four 120-gallon tanks and stored on a concrete slab with drainage to the wastewater treatment system (32).

Washdown of Equipment:

Oil-contaminated wastewater from equipment washdown is collected in a 6,000-gallon tank (see Outside Tank Area). The facility generates 5,000 gallons of oil wastewater per month.

Outside Wooden Pallets:

Defective batteries from the final assembly process are loaded on pallets and stored in an area between the manufacturing building and the warehouse. After the used batteries are tested, they are resealed and stored with other defective batteries (27).

Indoor Gondola Bin and Roll-off Bins:

Contaminated diatomaceous earth is dumped into an indoor gondola bin which is periodically dumped into two 20-cubic-yard, covered, roll-off bins. Secondary containment around the filter press and indoor gondola bin is provided by an epoxy-coated, sloped, concrete floor which drains back into the wastewater treatment system. The roll-off bins are located outside (27,32).

The roll-off bins are plastic-lined and may also contain other lead-contaminated material, gloves, Lead-contaminated clothing may be sent to a reclaimer for lead. An estimated average of 30 cubic yards of diatomaceous earth are used per month (27).

Analytical results of the contaminated diatomaceous earth, sampled in December 1988, indicated lead at 4,600 mg/kg and density at 1.18grams/centimeter (41).

5.1.2.3 Regulated Discharges

Wastewater Treatment Unit

The wastewater treatment unit's 90,000-gallon holding basin and three 12,000-gallon neutralization basins are located outside and are all constructed of concrete and coated with an acid-resistant epoxy material. The sodium hydroxide and reclaim water tanks are constructed of fiberglass (32).

The holding and neutralization basins and the reclaim water tanks are constructed as flow-through process underground tanks and do not have secondary containment (32). The wastewater treatment unit treats approximately 26 million gallons of water per year (1).

In March 1989, analysis of the influent to the water treatment system holding basin indicated the following (38):

Stormwater Retention Basin:

All runoff flows to the 380,000-gallon-capacity stormwater basin, except runoff from the lawn or the parking lot (27). A pipe takes the stormwater along a natural course, through a filter, and into the Magnolia storm drain. Delco Remy's NPDES permit requires testing for lead, oil and grease, total dissolved solids, and clarity. The facility will try to reuse any future stormwater in the plant (27).

5.2 GROUNDWATER

Monitoring wells installed downgradient of an underground sodium hydroxide storage tank in 1986 indicated brownish colored groundwater with a pH of over 9.6 and documented and observed release to the groundwater (27,29).

The Site lies in the Lower Santa Ana River Basin (11). Three groundwater-bearing units underlie the site: the upper, middle, and lower units (15). The upper system occurs in stream terrace and older alluvium deposits which extend from 0 to 700 feet bgs (15). Discontinuous layers may cause hydraulic continuity between the ground surface and the Talbert aquifer (11). Depth to the Talbert aquifer beneath the site is approximately 120 feet bgs. The middle system appears to be confined and occurs at approximately 700 to 2,000 feet bgs and consists of multiple layers of sandstone and gravel deposits. The Main aquifer of the middle system occurs at approximately 700 feet bgs. The lower aquifer system is comprised of Pleistocene and older sediments. It occurs at approximately 2,500 to 3,800 feet bgs, in conglomerate, sandstone and siltstone (15).

According to Delco Remy's consultant, a silty clay lense and clayey silt exists from the ground surface to 20 to 25 feet bgs. Sand and a mixture of sand, silt and clay are intermittent below 25 feet. Groundwater is encountered at approximately 30 feet bgs. Groundwater flows in a southwesterly direction beneath the site (29).

The City of Anaheim's well #12 is the nearest well to the site and is located .75 miles southeast of the site (34,35). This well is perforated from 450 to 498 feet bgs and is one of 36 wells in the city's system. The city of Anaheim uses 70 percent groundwater and 30 percent Metropolitan Water District (MWD) water (a blend of Colorado River Water, state water, and treated water from Lake Matthew) to provide 53,769 service connections with drinking water (34,35). Well #16 is located 1.8 miles from the site and is perforated from 384 to 414 feet bgs. Well #106 is located 1.8 miles southwest from the site and is perforated at 182 to 202 feet bgs, 210 to 224 feet bgs, and 540 to 560 feet bgs (34,35).

The City of Fullerton obtains 60 percent of its drinking water from a system of 12 municipal wells and 40 percent from the MWD. Water from these sources is not blended. Water from the MWD serves

the northern part of the city, while local groundwater serves the southern part. Groundwater serves an estimated population of 66,000 (60 percent of Fullerton's population of 110,000) (14).

Although all the Fullerton wells are interconnected, they are usually dedicated to one of four service zones. All wells tap the upper aquifer (14). The nearest Fullerton municipal well, airport well #9, is located 1.5 miles northwest of the site (14,16).

Bastanchury Water Company owns a well located 2.3 miles northeast of the site which produces approximately 5,000 5-gallon bottles of water per day (one person uses and estimated 1-3 bottles per month) (9).

Groundwater from a City of Buena Park well, located 2.5 miles northwest of the site, is blended with MWD water to serve 65,000 people (10).

The facility uses municipal water for drinking and uses an on-site well for watering the lawn (8). The net annual precipitation for the site is approximately 3.5" (18,19).

An observed release of sodium hydroxide to groundwater, the presence of lead contaminated soil on site, and the shallow depth the groundwater indicates the potential for contamination of the Talbert aquifer which supplies drinking water to a large population.

5.3 Surface Water

The nearest surface water body is Fullerton Creek, located approximately 1.7 miles downslope and northwest of the Delco Remy site (23). Fullerton Creek joins Coyote Creek approximately 2 miles downstream from the site. After approximately 6 miles, Coyote Creek merges with the San Gabriel River which runs for 4 miles before emptying into the Pacific Ocean (12,13,23). Both Fullerton Creek and Coyote Creek are concrete-lined channels with an average flow rate of 4.7 cubic feet per second (9cfs). The San Gabriel River is also concrete-lined and has an average flow of 154.73 cfs. The creeks and river are used only for wastewater discharge, including reclaimed sewage effluent, and have no other beneficial uses within 15 miles of the probable point of entry of contaminants from the site (12,13,23). An estimated 69,913 pounds of fish are caught per year in a 3 mile radius from the San Gabriel River's point of confluence with the Pacific Ocean (24). There are no known sensitive environments within 15 miles of the probable point of entry of contaminants from the site to the surface water pathway (20).

All runoff from the site flows to stormwater retention basin except runoff from the lawn or parking lot. A pipe takes the stormwater along a natural course through a filter and into the Magnolia Street storm drain (27). RWQBC regulates the facility's storm drainage through NPDES No. CA0107093 (2).

The facility is located in a 100-year flood zone where shallow flooding occurs with an average depth of 1 foot (25). Because the area is flat, a flood would significantly increase the potential for a release to the surface water pathway (25). The 2-year, 24-hour rainfall for the area is approximately 2.5 inches (21).

Although the site is located in a 100-year flood zone, the potential for a release of hazardous substances from the facility to surface water is low due to the site's location in an industrial area and its distance to Fullerton Creek.

Dear Mr. Renner:

As a follow up to our telephone conversation regarding the environmental requirements for closure of the Delphi Anaheim Plant, this letter summarizes my thoughts and general recommendations for the site. In general, I can summarize the current issues as follows:

- Issue 1- Closure of Permit By Rule (PBR) treatment unit;
- Issue 2- Closure of regulated units; and,
- Issue 3- Remediation of contaminated areas.

Each Issue is described briefly, as follows:

ISSUE 1- CLOSURE OF PBR UNIT

On March 31, 1993, Deco Remy filed for a Tiered Permitting. The facility was authorized on July 8, 1993 to operate an onsite Process Water Treatment System under PBR. The facility was also authorized under PBR to operate a hydraulic Oil/Water Separator Unit to treat waste oil mixed with water using a distillation process. Preparation of a "Closure Plan" is required as part of PBR, as per Cal. Code Regs., Title 22, §67450.3(c)(11). Assuming that a current Closure Plan is available, the closure of the PBR unit requires the following:

- All of the hazardous waste, waste residues, containment system components, soils, and other structures or equipment contaminated with hazardous waste from the unit must be removed or decontaminated in accordance with the already prepared Closure Plan.
- The local Certified Unified Program Agency (CUPA), functioning as the authorized agency by the Department of Toxic Substances Control (DTSC), must be notified in writing;
- An Independent Professional Engineer must certify that the PBR has been closed according to the closure plan and the regulation.

ISSUE 2- CLOSURE OF REGULATED UNITS

As you are aware, in 1980, Delco Remy (Delphi) applied for a Resource Conservation and Recovery Act (RCRA) Interim Status. On March 6, 1981, Department of Health Services (DHS), the predecessor of DTSC, issued the facility an Interim Status Document (ISD) for treatment of lead and acid containing wastewater, reclaiming lead on-site, and storage of hazardous waste in tanks, roll-off containers, and 55-gallon containers. On April 3, 1990 and July 27, 1992, Delco Remy submitted requests for the withdrawal of Hazardous Waste Facility ISD. This request has not been granted to date.

Closure of the Part A ISD is normally accomplished by implementation of a "Closure Plan". However, a Closure Plan may not have been prepared, and if existed, the DTSC may require a significant revision of it prior to implementation. Normally, the Closure Plan should be implemented and certified by an independent registered professional.

In addition, the facility has applied for other RCRA hazardous Waste permits (for example Storage of Batteries-Lead Acid Type, Water Treatment Filter, and flammable Hazardous Waste storage area). Also, the facility has applied for other permits such as various air permits from Air Quality Management District (AQMD), National Pollutant Discharge Elimination System (**NPDES**) permit from Regional Water Quality Control Board (RWQCB), and Waste Water Discharge Permit from Sanitation Department. In addition, Delphi has received from DTSC variances for several units, such as Hydraulic Oil Treatment System, Soluble Oil treatment System, and Battery Autopsy Area. Also, there are a spill containment area, a steam cleaning area, and other areas where various wastes have been generated at the site and may have impacted the soil.

ISSUE 3- REMEDIATION OF CONTAMINATED AREAS

In the past 20 years, environmental investigations have revealed impacted soil and groundwater at the Site. Portions of these areas have been already remediated (for example: parts of the Northwest Field). My understanding is that there are other areas that may need additional investigations and remediation.

CLOSURE PROCESS AND LEAD AGENCIES

Closure of the site will likely require formal closures of all of the above-mentioned permits, and investigation/remediation (if required) of associated units. The potential lead agencies for addressing the above-mentioned issues are discussed below:

Issue 1- Closure of PBR Unit – Closure of this unit will be under the jurisdiction of the local CUPA, acting on behalf of the DTSC.

Issue 2- Closure of Regulated Units- Closure of the Part A ISD will be under the DTSC. In addition, the DTSC will probably get involved with the closure of the RCRA permits, issued for the facility. The RWQCB will be the lead agency for closure of NPDES permit. Addressing the outstanding air permits will be under the auspices of the AQMD.

Issue 3- Remediation of contaminated areas – Investigation and Remediation of remaining impacted areas may be conducted under local agencies such as Orange County Health Care Agency (OCHCA), or state agencies (such as DTSC or RWQCB). For example, investigation/remediation of the Northwest Field was conducted under the OCHCA, with involvement of the RWQCB.

DISCUSSION

In all likelihood, Delphi will need a clean closure and a formal closure letter from a lead agency, prior to development of the site for industrial, residential, or mix use purposes. As such, Delphi may decide to deal with a number of local and state agencies (as discussed above) to comply with, and satisfy their requirement. Understanding that these agencies operate under different regulations and constraints, their requirements may be different, even contradictory at times, and their response time may differ greatly. Additionally, the local agencies (for example OCHCA or fire department) may decline getting involved with taking the responsibility of the closure of the entire site. The only

agency that has the authority, personnel, and expertise for dealing with and closing the site as a whole is the DTSC. In addition, Delphi has operated Hazardous Waste Storage Units, been regularly inspected by the DTSC since 1982, and has received several Notices of Violation (NOV) for Onsite treatment and storage of hazardous waste for greater than 90 days. Therefore, Delphi may have to deal with the DTSC, at least with regards to some of the issues, such as closure of Part A ISD at the site.

My recommendation is to first contact the local agencies (Anaheim Fire Department, OCHCA) for closure of the above-mentioned units. If any of them agree to be the lead agency, it will be easier to work with them. However, the DTSC may end up to be the only agency willing to take the lead for the closure of the entire site.